CARMONA RESOURCES

SITE INFORMATION

Revised Closure Report
Oxy Flameskimmer State #1
Incident # NAPP2226353908
Eddy County, New Mexico
Unit K Sec 9 T17S R29E
32.84601°, -104.08303°

Crude Oil and Produced Water Release
Point of Release: Lightning Strike on Tank Battery
Release Date: 09/19/2022
Volume Released: 70.5 Barrels of Crude Oil and 33.6 Barrels of Produced Water
Volume Recovered: 0 Barrels

CARMONA RESOURCES

Prepared for:
Silverback Operating II, LLC
19707 West IH 10, Suite 201
San Antonio, Texas 78257

Prepared by:
Carmona Resources, LLC
310 West Wall Street
Suite 500
Midland, Texas 79701

310 West Wall Street, Suite 500
Midland TX, 79701
432.813.1992

CARMONA RESOURCES

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310 West Wall Street, Suite 500
Midland TX, 79701
432.813.1992

CARMONA RESOURCES

November 22, 2023

Mike Bratcher
District Supervisor
Oil Conservation Division, District 2
811 S. First Street
Artesia, New Mexico 88210

Re: Revised Closure Report
Oxy Flameskimmer State #1
Silverback Operating II, LLC
Incident # NAPP2226353908
Site Location: Unit K, S09, T17S, R29E
(Lat 32.84601º, Long -104.08303°)
Eddy County, New Mexico

Mr. Bratcher:

On behalf of Silverback Operating II, LLC (Silverback Operating), Carmona Resources, LLC has prepared this letter to document site activities for the Oxy Flameskimmer State #1. The site is located at 32.84601º, -104.08303º within Unit K, S09, T17S, R29E, in Eddy County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the fire was discovered on September 19, 2022, due to a lightning strike on the tank battery. It resulted in approximately seventy-point-five (70.5) barrels of crude oil and thirty-three-point-six (33.6) barrels of produced water released. No fluid was recovered due to the resulting fire. The impacted area is located on the pad, shown in Figure 3. The initial C-141 form is attached in Appendix C.

On September 25, 2023, the New Mexico OCD denied the closure report for the following reason: “The Closure Report is Denied. The closure report includes an inadequate number of floor samples. Please collect confirmation samples, representing no more than 200 ft2. Stepping out away from the release area to conduct horizontal delineation samples may tell us whether or not the release left the active well pad or facility, but it does not tell us where the actual edge of the release is located. Please make sure that the edge of the release extent is accurately defined. Additionally, when equipment is located in and around the release area, samples must come from the sidewalls of the release area excavation. The OCD needs to know if the release went in, around, or under equipment/tanks/pipelines. Not having sidewall samples from the actual excavation won’t give us those sampling data points that we need.”

2.0 Site Characterization and Groundwater

The site is located within a high karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water source is within a 0.50-mile radius of the location. The nearest identified well is approximately 2.10 miles Southeast of the site in S22, T17S, R29E and was drilled in 2012. The well has a reported depth to groundwater of 76 feet below the ground surface (ft bgs). A copy of the associated Summary Report is attached in Appendix D.

310 West Wall Street, Suite 500
Midland TX, 79701
432.813.1992

CARMONA RESOURCES

3.0 NMAC Regulatory Criteria

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

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

4.0 Site Assessment Activities

On February 6, 2023, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts from the lightning strike. A total of three (3) sample points (S-1 through S-3) and four (4) horizontal sample points (H-1 through H-4) were installed to total depths ranging from surface to 0.5' below the surface. Soil samples were collected and submitted to the laboratory 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 sample locations are shown in Figure 3.

On November 2, 2023, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts from the lightning strike. One sample point (S-4) was installed to depths ranging from surface to 4.0' below the surface. Soil samples were collected and submitted to the laboratory 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 sample location is shown in Figure 3.

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

5.0 Confirmation Sampling

On November 2, 2023, Carmona Resources personnel were on site to collect confirmation samples. Before collecting composite confirmation samples, the NMOCD division office was notified via email on October 31, 2023, per Subsection D of 19.15.29.12 NMAC. See Appendix C. Sixteen (16) floor confirmation samples were collected (CS-1 through CS-16) every 200 square feet to evaluate all potential contamination within the facility. 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 confirmation sample locations are shown in Figure 4.

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

6.0 Conclusions

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

Sincerely,
Carmona Resources, LLC

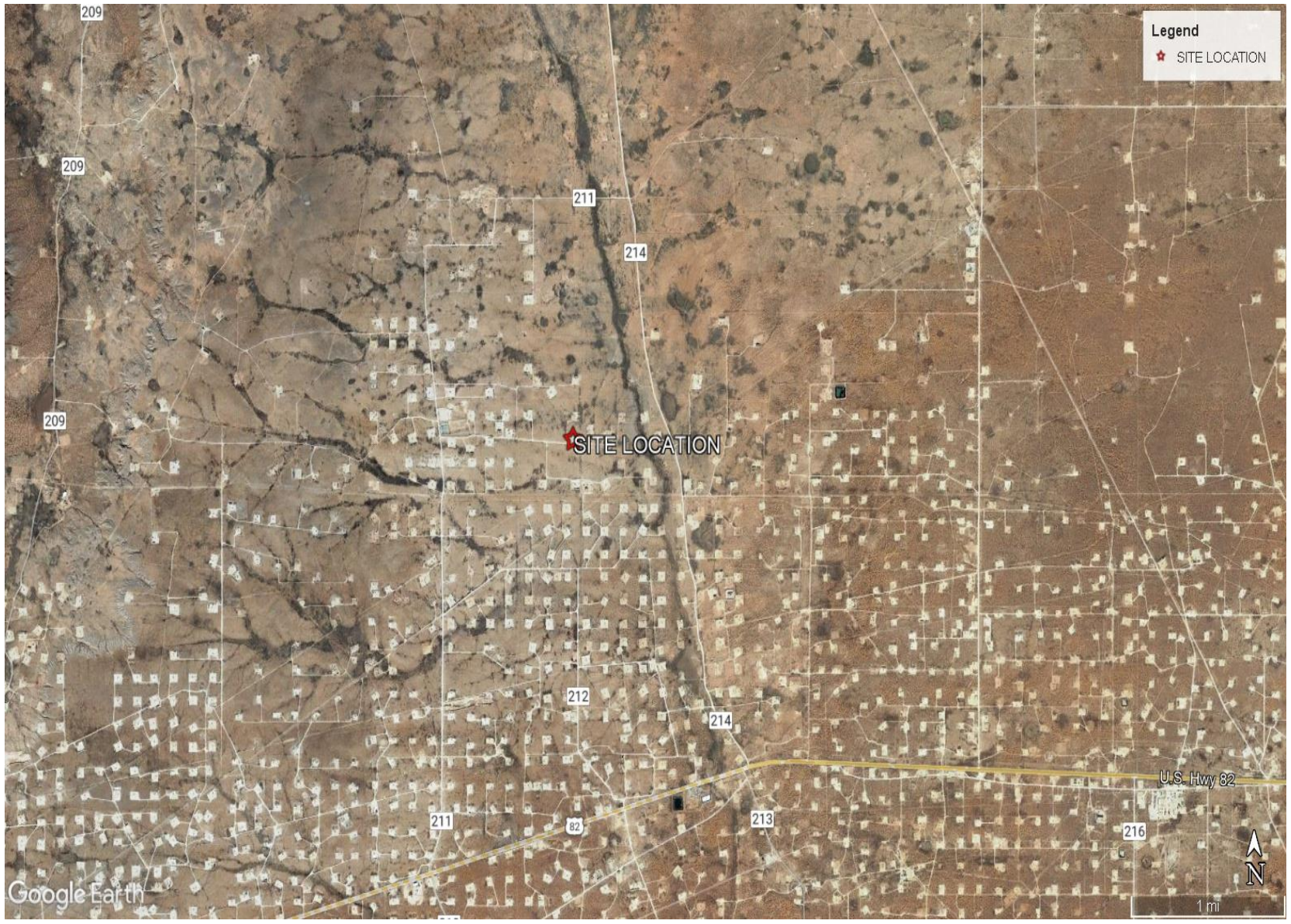
Conner Moehring
Sr. Project Manager

Devin Dominguez
Sr. Project Manager

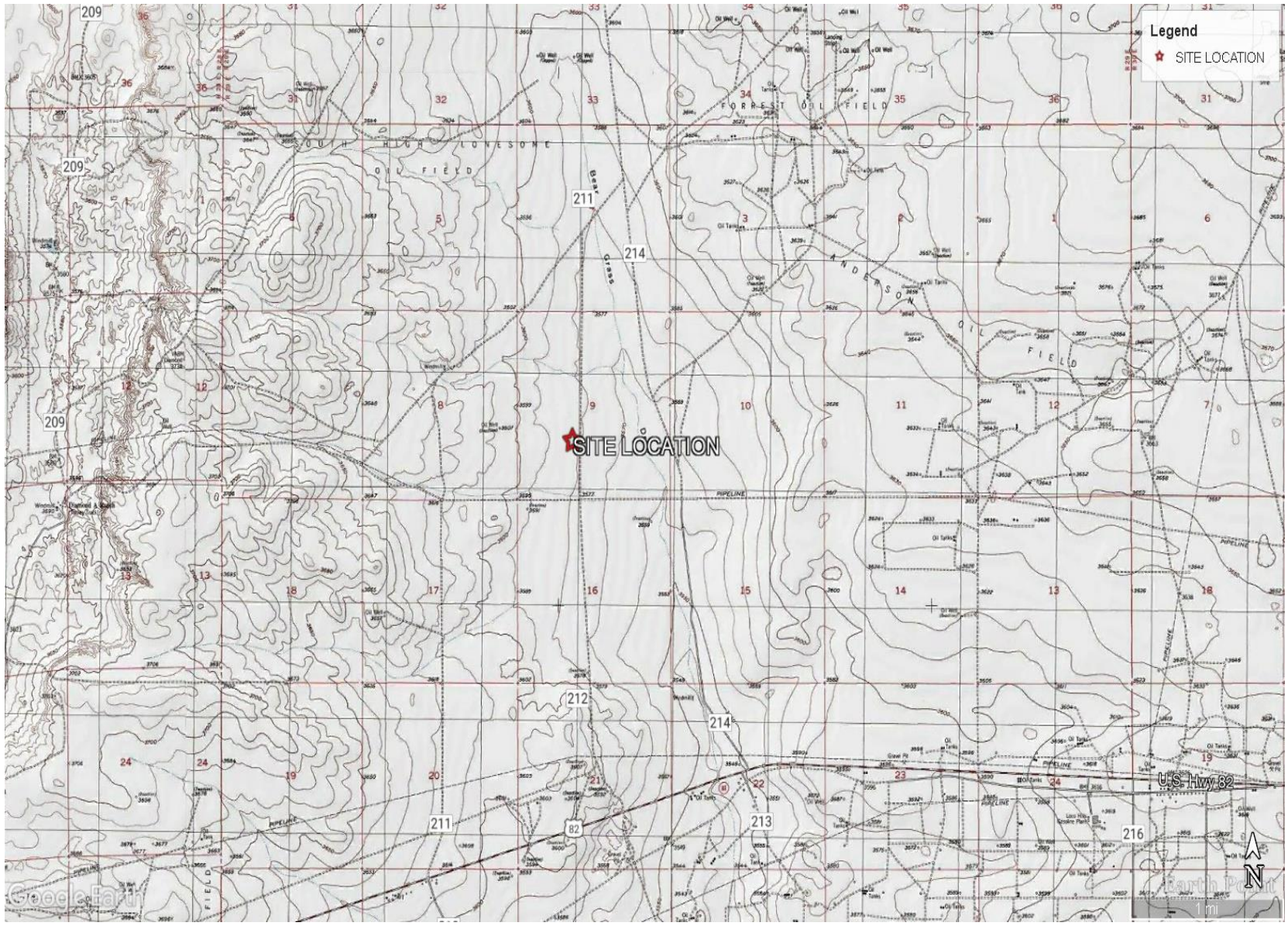
310 West Wall Street, Suite 500
Midland TX, 79701
432.813.1992

FIGURES

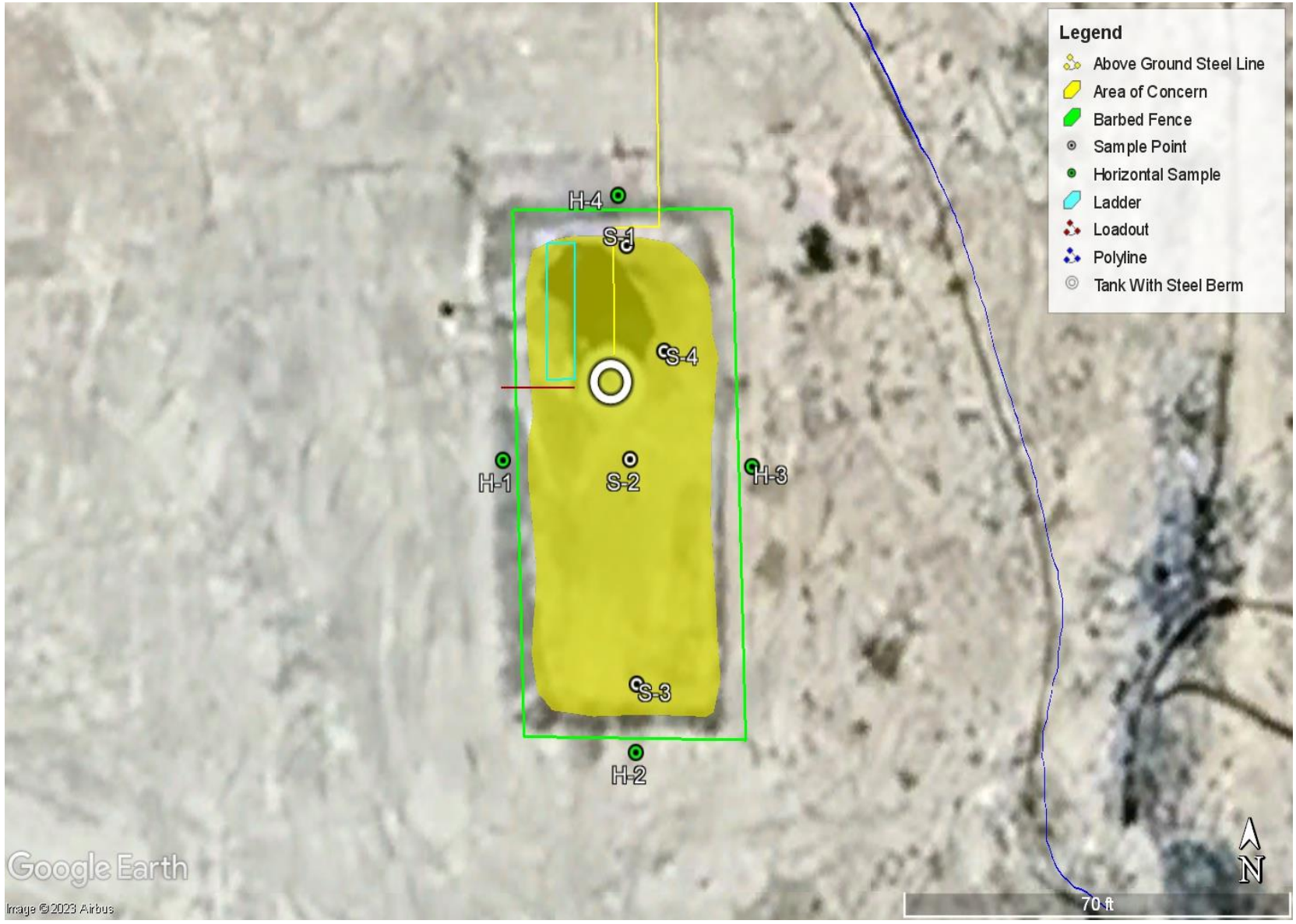
CARMONA RESOURCES



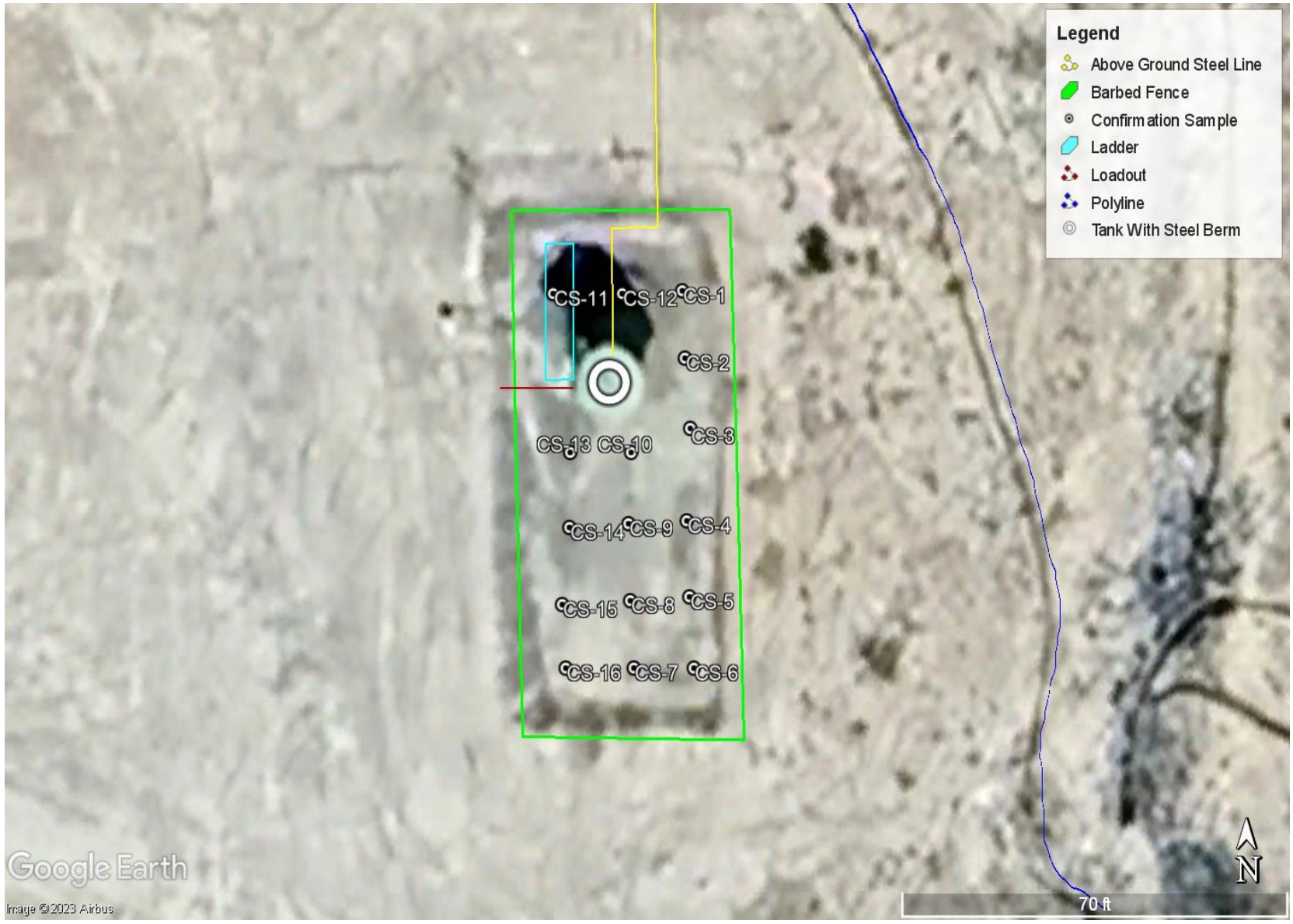
SITE OVERVIEW MAP SILVERBACK EXPLORATION OXY FLAMESKIMMER STATE #1 EDDY COUNTY, NEW MEXICO 32.84601, -104.08303	CARMONA RESOURCES	FIGURE 1



TOPOGRAPHIC MAP SILVERBACK EXPLORATION OXY FLAMESKIMMER STATE #1 EDDY COUNTY, NEW MEXICO 32.84601, -104.08303	CARMONA RESOURCES	FIGURE 2



SAMPLE LOCATION MAP SILVERBACK EXPLORATION OXY FLAMESKIMMER STATE #1 EDDY COUNTY, NEW MEXICO 32.84601, -104.08303	CARMONA RESOURCES	FIGURE 3



CONFIRMATION SAMPLE MAP SILVERBACK EXPLORATION OXY FLAMESKIMMER STATE #1 EDDY COUNTY, NEW MEXICO 32.84601, -104.08303	CARMONA RESOURCES	FIGURE 4

APPENDIX A

CARMONA RESOURCES

Table 1
Silverback Operating
Oxy Flameskimmer State #1
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	2/6/2023	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<5.00
S-2	2/6/2023	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<4.98
S-3	2/6/2023	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.95
S-4	11/2/2023	0-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	"	1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	"	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	"	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	"	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H-1	2/6/2023	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<5.01
H-2	2/6/2023	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5.75
H-3	2/6/2023	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.00
H-4	2/6/2023	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<5.02
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
ND - Non-Detect
ft-feet
(S) - Sample Point
(H) - Horizontal Sample

Table 2
Silverback Operating
Oxy Flameskimmer State #1
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	11/2/2023	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-2	11/2/2023	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-3	11/2/2023	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-4	11/2/2023	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-5	11/2/2023	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-6	11/2/2023	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-7	11/2/2023	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-8	11/2/2023	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-9	11/2/2023	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-10	11/2/2023	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-11	11/2/2023	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-12	11/2/2023	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-13	11/2/2023	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-14	11/2/2023	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-15	11/2/2023	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-16	11/2/2023	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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
ND - Non-Detect
ft-feet
(CS) - Confirmation Sample

APPENDIX B

CARMONA RESOURCES

PHOTOGRAPHIC LOG

Silverback Operating II, LLC

Photograph No. 1

Facility: Oxy Flameskimmer State #1

County: Eddy County, New Mexico

Description:
View Southwest, area of S-1.

Photograph No. 2

Facility: Oxy Flameskimmer State #1

County: Eddy County, New Mexico

Description:
View South, area of S-1.

Photograph No. 3

Facility: Oxy Flameskimmer State #1

County: Eddy County, New Mexico

Description:
View Northwest, area of S-2 & S-3.

CARMONA RESOURCES

PHOTOGRAPHIC LOG

Silverback Operating II, LLC

Photograph No. 4

Facility: Oxy Flameskimmer State #1

County: Eddy County, New Mexico

Description:
View South, area of S-2 & S-3.

Photograph No. 5

Facility: Oxy Flameskimmer State #1

County: Eddy County, New Mexico

Description:
View Southeast, view of S-4 and CS (1-16).

CARMONA RESOURCES

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	nAPP2226353908
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Silverback Operating	OGRID 330968
Contact Name Mark Ritchie	Contact Telephone 210-874-2406
Contact email mritchie@silverbackexp.com	Incident # *(assigned by OCD)*
Contact mailing address 108 S. 4th st Artesia, NM 88211	

Location of Release Source

Latitude 32.84601 Longitude -104.08303
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Oxy Flameskimmer State #1	Site Type Well and Facility
Date Release Discovered 09/19/2022	API# *(if applicable)* 3001535219

Unit Letter	Section	Township	Range	County
k	9	17S	29E	Eddy

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) 70.5	Volume Recovered (bbls)
■ Produced Water	Volume Released (bbls) 33.6	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	■ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release Lightning struck tank battery resulting in fire.

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2226353908
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? Fire involved and >25bbl
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Initial notice was given via email from Mark Ritchie to Mike Bratcher at 5:07pm on 9/19/2022	

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: Mark Ritchie Title: HSE Manager

Signature: Mark Ritchie Date: 02/02/2023

email: mritchie@silverbackexp.com Telephone: 210-874-2406

OCD Only

Received by: Date:

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

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

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

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: Mark Ritchie 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: Mark Ritchie 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: Scott Rodgers Date: 01/24/2024

Printed Name: Scott Rodgers Title: Environmental Specialist Adv.

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Monday, September 25, 2023 1:30 PM
To: Mark Ritchie <mritchie@silverbackexp.com>
Subject: The Oil Conservation Division (OCD) has rejected the application, Application ID: 214527

To whom it may concern (c/o Mark Ritchie for Silverback Operating II, LLC),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2226353908,
for the following reasons:

- **The Closure Report is Denied. The closure report includes an inadequate number of floor samples. Please collect confirmation samples, representing no more than 200 ft2. Stepping out away from the release area to conduct horizontal delineation samples may tell us whether or not the release left the active well pad or facility, but it does not tell us where the actual edge of the release is located. Please make sure that the edge of the release extent is accurately defined. Additionally, when equipment is located in and around the release area, samples must come from the sidewalls of the release area excavation. The OCD needs to know if the release went in, around, or under equipment/tanks/pipelines. Not having sidewall samples from the actual excavation won't give us those sampling data points that we need.**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 214527.
Please review and make the required correction(s) prior to resubmitting.
If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you,
Robert Hamlet
575-748-1283
Robert.Hamlet@emnrd.nm.gov

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

Devin Dominguez

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Tuesday, October 31, 2023 11:34 AM
To: Conner Moehring
Cc: Mark Ritchie; Fernando Rodriguez; Mike Carmona; Devin Dominguez; Clint Merritt; Hamlet, Robert, EMNRD; Bratcher, Michael, EMNRD
Subject: RE: [EXTERNAL] Silverback - Oxy Flameskinner State #1 - Sampling Notification

Good morning Conner,

The OCD has received your notification. Include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thank you,

Shelly

Shelly Wells * Environmental Specialist-Advanced
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520|Shelly.Wells@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

From: Conner Moehring <Cmoehring@carmonaresources.com>
Sent: Tuesday, October 31, 2023 9:54 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Mark Ritchie <mritchie@silverbackexp.com>; Fernando Rodriguez <frodriguez@silverbackexp.com>; Mike Carmona <Mcarmona@carmonaresources.com>; Devin Dominguez <Ddominguez@carmonaresources.com>; Clint Merritt <MerrittC@carmonaresources.com>
Subject: [EXTERNAL] Silverback - Oxy Flameskinner State #1 - Sampling Notification

Good Morning,

This email is a notification for confirmation sampling for the Silverback - Oxy Flameskinner State #1. Sampling is scheduled to begin on Thursday, November 2nd, around 10:00 a.m. Mountain Time. Carmona Resources personnel will be on-site to collect the confirmation samples.

nAPP2226353908

Please call if you have any questions.

Conner R. Moehring
310 West Wall Street, Suite 500
Midland Texas, 79701
M: 432-813-6823
Cmoehring@carmonaresources.com

CARMONA RESOURCES

APPENDIX D

CARMONA RESOURCES

Nearest Water Well

Silverback Operating

Legend

- 0.50 Mile Radius
- 2.10 Miles
- NMSEO Water Well
- OXY Flameskimmer State #1

OXY Flameskimmer State #1

76' - Drilled 2012

N

1 mi

High Karst

Silverback Operating

Legend

- High
- Low
- Medium
- OXY Flameskimmer State #1

OXY Flameskimmer State #1

N

1 mi

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
RA 11807 POD1	RA	ED	1	2	3	22	17S	29E	587360	3631585	3360	131	76	55

Average Depth to Water: **76 feet**

Minimum Depth: **76 feet**

Maximum Depth: **76 feet**

Record Count: 1

UTMNAD83 Radius Search (in meters):

Easting (X): 585834 **Northing (Y):** 3634580 **Radius:** 4000

New Mexico Office of the State Engineer
Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Twn	Rng	X	Y
	RA 11807 POD1	1	2	3	22	17S	29E	587360	3631585

Driller License: 1348 **Driller Company:** TAYLOR WATER WELL SERVICE

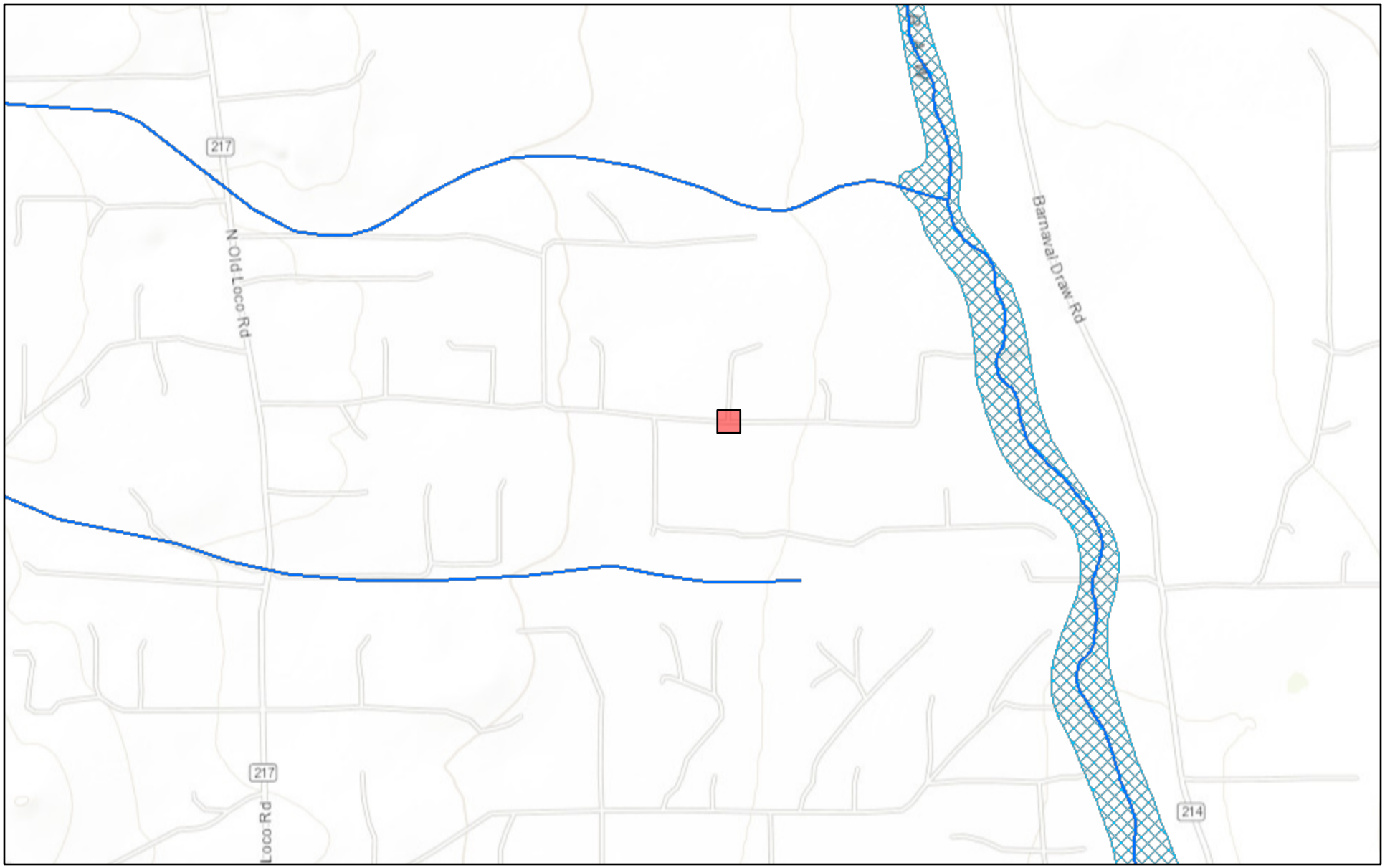
Driller Name: TAYLOR, CLINTON E.

Drill Start Date:	11/23/2012	**Drill Finish Date:**	11/26/2012	**Plug Date:**	
Log File Date:	03/26/2013	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	4 GPM
Casing Size:	4.50	**Depth Well:**	131 feet	**Depth Water:**	76 feet

Water Bearing Stratifications:	Top	Bottom	Description
	104	128	Other/Unknown

Casing Perforations:	Top	Bottom
	91	131

New Mexico NFHL Data



February 2, 2023

1:18,056

0 0.13 0.25 0.5 mi

0 0.2 0.4 0.8 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

ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/14/2023 12:58:36 PM

JOB DESCRIPTION

OXY Flameskimmer State #1
SDG NUMBER Eddy County, New Mexico

JOB NUMBER

880-24394-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

my EOL

Eurofins Midland

Job Notes

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

Authorization

Generated
2/14/2023 12:58:36 PM

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

Client: Carmona Resources
Project/Site: OXY Flameskimmer State #1

Laboratory Job ID: 880-24394-1
SDG: Eddy County, New Mexico

Table of Contents

Definitions/Glossary

Client: Carmona Resources
Project/Site: OXY Flameskimmer State #1

Job ID: 880-24394-1
SDG: Eddy County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
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: OXY Flameskimmer State #1

Job ID: 880-24394-1
SDG: Eddy County, New Mexico

Job ID: 880-24394-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-24394-1

Receipt
The samples were received on 2/7/2023 8:50 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 0.0°C

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

GC VOA
Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-46010 and analytical batch 880-46086 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: Surrogate recovery for the following samples were outside control limits: (CCV 880-46086/33), (LCS 880-46012/1-A), (LCSD 880-46012/2-A), (890-4031-A-21-G MS) and (890-4031-A-21-H MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (890-4031-A-21-I). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (890-4037-A-1-H). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: H-1 (0-0.5') (880-24394-1) and H-2 (0-0.5') (880-24394-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

GC Semi VOA
Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-45929/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (890-4048-A-4-B) and (890-4048-A-4-C MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: H-1 (0-0.5') (880-24394-1), H-2 (0-0.5') (880-24394-2), H-3 (0-0.5') (880-24394-3) and H-4 (0-0.5') (880-24394-4). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Spike compounds were inadvertently omitted during the extraction process for the matrix spike/matrix spike duplicate (MS/MSD); therefore, matrix spike recoveries are unavailable for preparation batch 880-45929 and analytical batch 880-46067. The associated laboratory control sample (LCS) met acceptance criteria.

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: OXY Flameskimmer State #1

Job ID: 880-24394-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-24394-1
Matrix: Solid
Date Collected: 02/06/23 00:00
Date Received: 02/07/23 08:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/10/23 14:36	02/14/23 07:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/10/23 14:36	02/14/23 07:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/10/23 14:36	02/14/23 07:42	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/10/23 14:36	02/14/23 07:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/10/23 14:36	02/14/23 07:42	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/10/23 14:36	02/14/23 07:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*133*	*S1+*	*70 - 130*	*02/10/23 14:36*	*02/14/23 07:42*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*02/10/23 14:36*	*02/14/23 07:42*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/14/23 11:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/13/23 11:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/09/23 17:28	02/12/23 17:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/09/23 17:28	02/12/23 17:59	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/09/23 17:28	02/12/23 17:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*65*	*S1-*	*70 - 130*	*02/09/23 17:28*	*02/12/23 17:59*	*1*
o-Terphenyl	*60*	*S1-*	*70 - 130*	*02/09/23 17:28*	*02/12/23 17:59*	*1*

Method: EPA 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			02/07/23 18:42	1

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

Lab Sample ID: 880-24394-2
Matrix: Solid
Date Collected: 02/06/23 00:00
Date Received: 02/07/23 08:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/10/23 14:36	02/14/23 08:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/10/23 14:36	02/14/23 08:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/10/23 14:36	02/14/23 08:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/10/23 14:36	02/14/23 08:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/10/23 14:36	02/14/23 08:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/10/23 14:36	02/14/23 08:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*132*	*S1+*	*70 - 130*	*02/10/23 14:36*	*02/14/23 08:09*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*02/10/23 14:36*	*02/14/23 08:09*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: OXY Flameskimmer State #1

Job ID: 880-24394-1
SDG: Eddy County, New Mexico

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

Date Collected: 02/06/23 00:00
Date Received: 02/07/23 08:50

Lab Sample ID: 880-24394-2
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/14/23 11:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/13/23 11:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/09/23 17:28	02/12/23 18:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/09/23 17:28	02/12/23 18:21	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/09/23 17:28	02/12/23 18:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*72*		*70 - 130*	*02/09/23 17:28*	*02/12/23 18:21*	*1*
o-Terphenyl	*68*	*S1-*	*70 - 130*	*02/09/23 17:28*	*02/12/23 18:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.75**		5.00		mg/Kg			02/07/23 18:47	1

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

Date Collected: 02/06/23 00:00
Date Received: 02/07/23 08:50

Lab Sample ID: 880-24394-3
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/10/23 14:36	02/14/23 08:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/10/23 14:36	02/14/23 08:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/10/23 14:36	02/14/23 08:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/10/23 14:36	02/14/23 08:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/10/23 14:36	02/14/23 08:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/10/23 14:36	02/14/23 08:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*02/10/23 14:36*	*02/14/23 08:35*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*02/10/23 14:36*	*02/14/23 08:35*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/14/23 11:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/13/23 11:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/09/23 17:28	02/12/23 18:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/09/23 17:28	02/12/23 18:44	1

Client Sample Results

Client: Carmona Resources
Project/Site: OXY Flameskimmer State #1

Job ID: 880-24394-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-24394-3
Matrix: Solid
Date Collected: 02/06/23 00:00
Date Received: 02/07/23 08:50

Method: SW846 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		02/09/23 17:28	02/12/23 18:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*68*	*S1-*	*70 - 130*	*02/09/23 17:28*	*02/12/23 18:44*	*1*
o-Terphenyl	*66*	*S1-*	*70 - 130*	*02/09/23 17:28*	*02/12/23 18:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			02/07/23 18:52	1

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

Lab Sample ID: 880-24394-4
Matrix: Solid
Date Collected: 02/06/23 00:00
Date Received: 02/07/23 08:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/10/23 14:36	02/14/23 09:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/10/23 14:36	02/14/23 09:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/10/23 14:36	02/14/23 09:02	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/10/23 14:36	02/14/23 09:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/10/23 14:36	02/14/23 09:02	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/10/23 14:36	02/14/23 09:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*02/10/23 14:36*	*02/14/23 09:02*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*02/10/23 14:36*	*02/14/23 09:02*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/14/23 11:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/13/23 11:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/09/23 17:28	02/12/23 19:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/09/23 17:28	02/12/23 19:06	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/09/23 17:28	02/12/23 19:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*63*	*S1-*	*70 - 130*	*02/09/23 17:28*	*02/12/23 19:06*	*1*
o-Terphenyl	*59*	*S1-*	*70 - 130*	*02/09/23 17:28*	*02/12/23 19:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.02	U	5.02		mg/Kg			02/07/23 19:06	1

Surrogate Summary

Client: Carmona Resources
Project/Site: OXY Flameskimmer State #1

Job ID: 880-24394-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) BFB1 (70-130)	DFBZ1 (70-130)
880-24394-1	H-1 (0-0.5')	133 S1+	79
880-24394-2	H-2 (0-0.5')	132 S1+	86
880-24394-3	H-3 (0-0.5')	87	98
880-24394-4	H-4 (0-0.5')	117	81
890-4031-A-21-H MSD	Matrix Spike Duplicate	144 S1+	95
890-4037-A-1-F MS	Matrix Spike	116	81
LCS 880-46010/1-A	Lab Control Sample	130	100
LCS 880-46012/1-A	Lab Control Sample	134 S1+	87
LCSD 880-46010/2-A	Lab Control Sample Dup	128	86
LCSD 880-46012/2-A	Lab Control Sample Dup	140 S1+	85
MB 880-46010/5-A	Method Blank	89	85
MB 880-46012/5-A	Method Blank	93	82

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) 1CO1 (70-130)	OTPH1 (70-130)
880-24394-1	H-1 (0-0.5')	65 S1-	60 S1-
880-24394-2	H-2 (0-0.5')	72	68 S1-
880-24394-3	H-3 (0-0.5')	68 S1-	66 S1-
880-24394-4	H-4 (0-0.5')	63 S1-	59 S1-
890-4048-A-4-C MS	Matrix Spike	67 S1-	61 S1-
890-4048-A-4-D MSD	Matrix Spike Duplicate	80	74
LCS 880-45929/2-A	Lab Control Sample	129	108
LCSD 880-45929/3-A	Lab Control Sample Dup	138 S1+	124
MB 880-45929/1-A	Method Blank	75	74

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: OXY Flameskimmer State #1

Job ID: 880-24394-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-46010/5-A
Matrix: Solid
Analysis Batch: 46086

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 46010

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/10/23 14:32	02/13/23 12:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/10/23 14:32	02/13/23 12:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/10/23 14:32	02/13/23 12:26	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/10/23 14:32	02/13/23 12:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/10/23 14:32	02/13/23 12:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/10/23 14:32	02/13/23 12:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*02/10/23 14:32*	*02/13/23 12:26*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*02/10/23 14:32*	*02/13/23 12:26*	*1*

Lab Sample ID: LCS 880-46010/1-A
Matrix: Solid
Analysis Batch: 46086

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 46010

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1345	*+	mg/Kg		135	70 - 130		
Toluene			0.100	0.1363	*+	mg/Kg		136	70 - 130		
Ethylbenzene			0.100	0.1415	*+	mg/Kg		141	70 - 130		
m-Xylene & p-Xylene			0.200	0.2823	*+	mg/Kg		141	70 - 130		
o-Xylene			0.100	0.1415	*+	mg/Kg		141	70 - 130		

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

Lab Sample ID: LCSD 880-46010/2-A
Matrix: Solid
Analysis Batch: 46086

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 46010

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1219		mg/Kg		122	70 - 130	10	35
Toluene			0.100	0.1231		mg/Kg		123	70 - 130	10	35
Ethylbenzene			0.100	0.1286		mg/Kg		129	70 - 130	10	35
m-Xylene & p-Xylene			0.200	0.2608		mg/Kg		130	70 - 130	8	35
o-Xylene			0.100	0.1290		mg/Kg		129	70 - 130	9	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*

Lab Sample ID: 890-4031-A-21-H MSD
Matrix: Solid
Analysis Batch: 46086

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 46010

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U *+	0.0996	0.1080		mg/Kg		108	70 - 130	2	35
Toluene	<0.00202	U *+	0.0996	0.1113		mg/Kg		112	70 - 130	1	35

QC Sample Results

Client: Carmona Resources
Project/Site: OXY Flameskimmer State #1

Job ID: 880-24394-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 890-4031-A-21-H MSD
Matrix: Solid
Analysis Batch: 46086

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 46010

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethylbenzene	<0.00202	U *+	0.0996	0.1137		mg/Kg		114	70 - 130	2	35
m-Xylene & p-Xylene	<0.00404	U *+	0.199	0.2295		mg/Kg		115	70 - 130	2	35
o-Xylene	<0.00202	U *+	0.0996	0.1137		mg/Kg		114	70 - 130	1	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*144*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: MB 880-46012/5-A
Matrix: Solid
Analysis Batch: 46086

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 46012

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/10/23 14:36	02/14/23 01:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/10/23 14:36	02/14/23 01:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/10/23 14:36	02/14/23 01:37	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/10/23 14:36	02/14/23 01:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/10/23 14:36	02/14/23 01:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/10/23 14:36	02/14/23 01:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*02/10/23 14:36*	*02/14/23 01:37*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*02/10/23 14:36*	*02/14/23 01:37*	*1*

Lab Sample ID: LCS 880-46012/1-A
Matrix: Solid
Analysis Batch: 46086

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 46012

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1059		mg/Kg		106	70 - 130
Toluene	0.100	0.1130		mg/Kg		113	70 - 130
Ethylbenzene	0.100	0.1122		mg/Kg		112	70 - 130
m-Xylene & p-Xylene	0.200	0.2259		mg/Kg		113	70 - 130
o-Xylene	0.100	0.1169		mg/Kg		117	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*134*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*

Lab Sample ID: LCSD 880-46012/2-A
Matrix: Solid
Analysis Batch: 46086

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 46012

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1142		mg/Kg		114	70 - 130	8	35
Toluene	0.100	0.1154		mg/Kg		115	70 - 130	2	35
Ethylbenzene	0.100	0.1117		mg/Kg		112	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2226		mg/Kg		111	70 - 130	1	35

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: OXY Flameskimmer State #1

Job ID: 880-24394-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-46012/2-A
Matrix: Solid
Analysis Batch: 46086

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 46012

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
o-Xylene			0.100	0.1105		mg/Kg		111	70 - 130	6	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*140*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*

Lab Sample ID: 890-4037-A-1-F MS
Matrix: Solid
Analysis Batch: 46086

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 46012

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.08259		mg/Kg		82	70 - 130
Toluene	<0.00201	U	0.100	0.07765		mg/Kg		77	70 - 130
Ethylbenzene	<0.00201	U	0.100	0.08149		mg/Kg		81	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1603		mg/Kg		80	70 - 130
o-Xylene	<0.00201	U	0.100	0.07875		mg/Kg		79	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*

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

Lab Sample ID: MB 880-45929/1-A
Matrix: Solid
Analysis Batch: 46067

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 45929

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		02/09/23 17:28	02/12/23 09:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/09/23 17:28	02/12/23 09:44	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/09/23 17:28	02/12/23 09:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*75*		*70 - 130*	*02/09/23 17:28*	*02/12/23 09:44*	*1*
o-Terphenyl	*74*		*70 - 130*	*02/09/23 17:28*	*02/12/23 09:44*	*1*

Lab Sample ID: LCS 880-45929/2-A
Matrix: Solid
Analysis Batch: 46067

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 45929

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10			1000	936.7		mg/Kg		94	70 - 130
Diesel Range Organics (Over C10-C28)			1000	847.8		mg/Kg		85	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: OXY Flameskimmer State #1

Job ID: 880-24394-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-45929/2-A
Matrix: Solid
Analysis Batch: 46067

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 45929

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	129		70 - 130
o-Terphenyl	108		70 - 130

Lab Sample ID: LCSD 880-45929/3-A
Matrix: Solid
Analysis Batch: 46067

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 45929

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1047		mg/Kg		105	70 - 130	11	20
Diesel Range Organics (Over C10-C28)			1000	959.5		mg/Kg		96	70 - 130	12	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	138	S1+	70 - 130
o-Terphenyl	124		70 - 130

Lab Sample ID: 890-4048-A-4-C MS
Matrix: Solid
Analysis Batch: 46067

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 45929

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1 F2	998	<49.9	U F1	mg/Kg		-2	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U F1	998	<49.9	U F1	mg/Kg		-0.1	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	67	S1-	70 - 130
o-Terphenyl	61	S1-	70 - 130

Lab Sample ID: 890-4048-A-4-D MSD
Matrix: Solid
Analysis Batch: 46067

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 45929

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	<50.0	U F1 F2	997	52.93	F1 F2	mg/Kg		0.8	70 - 130	69	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	997	<49.9	U F1	mg/Kg		-0.1	70 - 130	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	80		70 - 130
o-Terphenyl	74		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: OXY Flameskimmer State #1

Job ID: 880-24394-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-45664/1-A
Matrix: Solid
Analysis Batch: 45712

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			02/07/23 17:32	1

Lab Sample ID: LCS 880-45664/2-A
Matrix: Solid
Analysis Batch: 45712

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	256.7		mg/Kg		103	90 - 110		

Lab Sample ID: LCSD 880-45664/3-A
Matrix: Solid
Analysis Batch: 45712

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	241.6		mg/Kg		97	90 - 110	6	20

Lab Sample ID: 880-24394-3 MS
Matrix: Solid
Analysis Batch: 45712

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	<5.00	U	250	249.1		mg/Kg		99	90 - 110		

Lab Sample ID: 880-24394-3 MSD
Matrix: Solid
Analysis Batch: 45712

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<5.00	U	250	239.4		mg/Kg		95	90 - 110	4	20

QC Association Summary

Client: Carmona Resources
Project/Site: OXY Flameskimmer State #1

Job ID: 880-24394-1
SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 46010

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-46010/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-46010/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-46010/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-4031-A-21-H MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 46012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24394-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-24394-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-24394-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-24394-4	H-4 (0-0.5')	Total/NA	Solid	5035	
MB 880-46012/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-46012/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-46012/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-4037-A-1-F MS	Matrix Spike	Total/NA	Solid	5035	

Analysis Batch: 46086

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24394-1	H-1 (0-0.5')	Total/NA	Solid	8021B	46012
880-24394-2	H-2 (0-0.5')	Total/NA	Solid	8021B	46012
880-24394-3	H-3 (0-0.5')	Total/NA	Solid	8021B	46012
880-24394-4	H-4 (0-0.5')	Total/NA	Solid	8021B	46012
MB 880-46010/5-A	Method Blank	Total/NA	Solid	8021B	46010
MB 880-46012/5-A	Method Blank	Total/NA	Solid	8021B	46012
LCS 880-46010/1-A	Lab Control Sample	Total/NA	Solid	8021B	46010
LCS 880-46012/1-A	Lab Control Sample	Total/NA	Solid	8021B	46012
LCSD 880-46010/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	46010
LCSD 880-46012/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	46012
890-4031-A-21-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	46010
890-4037-A-1-F MS	Matrix Spike	Total/NA	Solid	8021B	46012

Analysis Batch: 46313

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24394-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-24394-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-24394-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-24394-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 45929

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24394-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-24394-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-24394-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-24394-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-45929/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-45929/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-45929/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-4048-A-4-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-4048-A-4-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: OXY Flameskimmer State #1

Job ID: 880-24394-1
SDG: Eddy County, New Mexico

GC Semi VOA

Analysis Batch: 46067

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24394-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	45929
880-24394-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	45929
880-24394-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	45929
880-24394-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	45929
MB 880-45929/1-A	Method Blank	Total/NA	Solid	8015B NM	45929
LCS 880-45929/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	45929
LCSD 880-45929/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	45929
890-4048-A-4-C MS	Matrix Spike	Total/NA	Solid	8015B NM	45929
890-4048-A-4-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	45929

Analysis Batch: 46122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24394-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-24394-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-24394-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-24394-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 45664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24394-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-24394-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-24394-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-24394-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-45664/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-45664/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-45664/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-24394-3 MS	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-24394-3 MSD	H-3 (0-0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 45712

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24394-1	H-1 (0-0.5')	Soluble	Solid	300.0	45664
880-24394-2	H-2 (0-0.5')	Soluble	Solid	300.0	45664
880-24394-3	H-3 (0-0.5')	Soluble	Solid	300.0	45664
880-24394-4	H-4 (0-0.5')	Soluble	Solid	300.0	45664
MB 880-45664/1-A	Method Blank	Soluble	Solid	300.0	45664
LCS 880-45664/2-A	Lab Control Sample	Soluble	Solid	300.0	45664
LCSD 880-45664/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	45664
880-24394-3 MS	H-3 (0-0.5')	Soluble	Solid	300.0	45664
880-24394-3 MSD	H-3 (0-0.5')	Soluble	Solid	300.0	45664

Lab Chronicle

Client: Carmona Resources
Project/Site: OXY Flameskimmer State #1

Job ID: 880-24394-1
SDG: Eddy County, New Mexico

Client Sample ID: H-1 (0-0.5')
Lab Sample ID: 880-24394-1

Date Collected: 02/06/23 00:00
Matrix: Solid
Date Received: 02/07/23 08:50

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	46012	02/10/23 14:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	46086	02/14/23 07:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			46313	02/14/23 11:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			46122	02/13/23 11:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	45929	02/09/23 17:28	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46067	02/12/23 17:59	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	45664	02/07/23 09:28	KS	EET MID
Soluble	Analysis	300.0		1			45712	02/07/23 18:42	CH	EET MID

Client Sample ID: H-2 (0-0.5')
Lab Sample ID: 880-24394-2

Date Collected: 02/06/23 00:00
Matrix: Solid
Date Received: 02/07/23 08:50

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	46012	02/10/23 14:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	46086	02/14/23 08:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			46313	02/14/23 11:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			46122	02/13/23 11:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	45929	02/09/23 17:28	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46067	02/12/23 18:21	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	45664	02/07/23 09:28	KS	EET MID
Soluble	Analysis	300.0		1			45712	02/07/23 18:47	CH	EET MID

Client Sample ID: H-3 (0-0.5')
Lab Sample ID: 880-24394-3

Date Collected: 02/06/23 00:00
Matrix: Solid
Date Received: 02/07/23 08:50

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	46012	02/10/23 14:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	46086	02/14/23 08:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			46313	02/14/23 11:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			46122	02/13/23 11:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45929	02/09/23 17:28	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46067	02/12/23 18:44	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	45664	02/07/23 09:28	KS	EET MID
Soluble	Analysis	300.0		1			45712	02/07/23 18:52	CH	EET MID

Client Sample ID: H-4 (0-0.5')
Lab Sample ID: 880-24394-4

Date Collected: 02/06/23 00:00
Matrix: Solid
Date Received: 02/07/23 08:50

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	46012	02/10/23 14:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	46086	02/14/23 09:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			46313	02/14/23 11:45	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: OXY Flameskimmer State #1

Job ID: 880-24394-1
SDG: Eddy County, New Mexico

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

Date Collected: 02/06/23 00:00
Date Received: 02/07/23 08:50

Lab Sample ID: 880-24394-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			46122	02/13/23 11:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	45929	02/09/23 17:28	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46067	02/12/23 19:06	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	45664	02/07/23 09:28	KS	EET MID
Soluble	Analysis	300.0		1			45712	02/07/23 19:06	CH	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Job ID: 880-24394-1
Project/Site: OXY Flameskimmer State #1
SDG: Eddy County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

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

Analysis Method	Prep Method	Matrix	Analyte
300.0		Solid	Chloride
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	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: OXY Flameskimmer State #1

Job ID: 880-24394-1
SDG: Eddy County, New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: OXY Flameskimmer State #1

Job ID: 880-24394-1
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-24394-1	H-1 (0-0.5')	Solid	02/06/23 00:00	02/07/23 08:50
880-24394-2	H-2 (0-0.5')	Solid	02/06/23 00:00	02/07/23 08:50
880-24394-3	H-3 (0-0.5')	Solid	02/06/23 00:00	02/07/23 08:50
880-24394-4	H-4 (0-0.5')	Solid	02/06/23 00:00	02/07/23 08:50

Work Order No: 24394

Page 1 of 1

Project Manager	Conner Moehring	Bill to: (if different)	Stoney Harris
Company Name	Carmona Resources	Company Name	Silverback Exploration
Address	310 W Wall St Ste 415	Address	
City, State ZIP	Midland, TX 79701	City, State ZIP	
Phone	(432) 813-6823	Email	sharris@silverbackexp.com

Work Order Comments

Program. UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables. EDD ☐ ADaPT ☐ Other

Project Name	OXY Flameskimmer State #1	Turn Around	
Project Number	1228	☑ Routine ☐ Rush	
Project Location	Eddy County, New Mexico	Due Date	
Sampler's Name.	MM		
PO #:			

SAMPLE RECEIPT			
Temp Blank	Yes (No)	Wet Ice	(Yes) No
Received Intact	(Yes) No	Thermometer ID	218
Cooler Custody Seals	Yes No (N/A)	Correction Factor	-0.3
Sample Custody Seals	Yes No N/A	Temperature Reading	0-3
Total Containers.		Corrected Temperature	0.0

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	Sample Comments
H-1 (0-0 5')	2/6/2023		X		G	1		X	X	X	402
H-2 (0-0 5')	2/6/2023		X		G	1		X	X	X	
H-3 (0-0 5')	2/6/2023		X		G	1		X	X	X	
H-4 (0-0 5')	2/6/2023		X		G	1		X	X	X	

880-24394 Chain of Custody

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
Ariana Urias	2-7-23		2/7/23 0850

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-24394-1
SDG Number: Eddy County, New Mexico

Login Number: 24394
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	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/14/2023 12:58:36 PM

JOB DESCRIPTION

OXY Flameskimmer State #1
SDG NUMBER Eddy County, New Mexico

JOB NUMBER

880-24395-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

my EOL

Eurofins Midland

Job Notes

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

Authorization

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2/14/2023 12:58:36 PM

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

Client: Carmona Resources
Project/Site: OXY Flameskimmer State #1

Laboratory Job ID: 880-24395-1
SDG: Eddy County, New Mexico

Table of Contents

Definitions/Glossary

Client: Carmona Resources
Project/Site: OXY Flameskimmer State #1

Job ID: 880-24395-1
SDG: Eddy County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
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: OXY Flameskimmer State #1

Job ID: 880-24395-1
SDG: Eddy County, New Mexico

Job ID: 880-24395-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-24395-1

Receipt
The samples were received on 2/7/2023 8:50 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 0.0°C

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

GC VOA
Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-46010 and analytical batch 880-46086 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: Surrogate recovery for the following samples were outside control limits: (LCS 880-46012/1-A), (LCSD 880-46012/2-A), (890-4031-A-21-G MS) and (890-4031-A-21-H MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (890-4031-A-21-I). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (890-4037-A-1-H). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-2 (0-0.5') (880-24395-2) and S-3 (0-0.5') (880-24395-3). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

GC Semi VOA
Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-45929/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (890-4048-A-4-B) and (890-4048-A-4-C MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-1 (0-0.5') (880-24395-1), S-2 (0-0.5') (880-24395-2) and S-3 (0-0.5') (880-24395-3). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Spike compounds were inadvertently omitted during the extraction process for the matrix spike/matrix spike duplicate (MS/MSD); therefore, matrix spike recoveries are unavailable for preparation batch 880-45929 and analytical batch 880-46067. The associated laboratory control sample (LCS) met acceptance criteria.

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: OXY Flameskimmer State #1

Job ID: 880-24395-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-24395-1
Matrix: Solid
Date Collected: 02/06/23 00:00
Date Received: 02/07/23 08:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/10/23 14:36	02/14/23 09:29	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/10/23 14:36	02/14/23 09:29	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/10/23 14:36	02/14/23 09:29	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/10/23 14:36	02/14/23 09:29	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/10/23 14:36	02/14/23 09:29	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/10/23 14:36	02/14/23 09:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*02/10/23 14:36*	*02/14/23 09:29*	*1*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*	*02/10/23 14:36*	*02/14/23 09:29*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/14/23 11:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/13/23 11:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/09/23 17:28	02/12/23 19:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/09/23 17:28	02/12/23 19:28	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/09/23 17:28	02/12/23 19:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*68*	*S1-*	*70 - 130*	*02/09/23 17:28*	*02/12/23 19:28*	*1*
o-Terphenyl	*64*	*S1-*	*70 - 130*	*02/09/23 17:28*	*02/12/23 19:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			02/07/23 19:10	1

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

Lab Sample ID: 880-24395-2
Matrix: Solid
Date Collected: 02/06/23 00:00
Date Received: 02/07/23 08:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/10/23 14:36	02/14/23 09:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/10/23 14:36	02/14/23 09:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/10/23 14:36	02/14/23 09:55	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/10/23 14:36	02/14/23 09:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/10/23 14:36	02/14/23 09:55	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/10/23 14:36	02/14/23 09:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*140*	*S1+*	*70 - 130*	*02/10/23 14:36*	*02/14/23 09:55*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*02/10/23 14:36*	*02/14/23 09:55*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: OXY Flameskimmer State #1

Job ID: 880-24395-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-24395-2
Matrix: Solid
Date Collected: 02/06/23 00:00
Date Received: 02/07/23 08:50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/14/23 11:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/13/23 11:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/09/23 17:28	02/12/23 19:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/09/23 17:28	02/12/23 19:51	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/09/23 17:28	02/12/23 19:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*59*	*S1-*	*70 - 130*	*02/09/23 17:28*	*02/12/23 19:51*	*1*
o-Terphenyl	*56*	*S1-*	*70 - 130*	*02/09/23 17:28*	*02/12/23 19:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			02/07/23 19:24	1

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

Lab Sample ID: 880-24395-3
Matrix: Solid
Date Collected: 02/06/23 00:00
Date Received: 02/07/23 08:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/10/23 14:36	02/14/23 10:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/10/23 14:36	02/14/23 10:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/10/23 14:36	02/14/23 10:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/10/23 14:36	02/14/23 10:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/10/23 14:36	02/14/23 10:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/10/23 14:36	02/14/23 10:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*166*	*S1+*	*70 - 130*	*02/10/23 14:36*	*02/14/23 10:22*	*1*
1,4-Difluorobenzene (Surr)	*118*		*70 - 130*	*02/10/23 14:36*	*02/14/23 10:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/14/23 11:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/13/23 11:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/09/23 17:28	02/12/23 20:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/09/23 17:28	02/12/23 20:14	1

Client Sample Results

Client: Carmona Resources
Project/Site: OXY Flameskimmer State #1

Job ID: 880-24395-1
SDG: Eddy County, New Mexico

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

Date Collected: 02/06/23 00:00
Date Received: 02/07/23 08:50

Lab Sample ID: 880-24395-3

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/09/23 17:28	02/12/23 20:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*67*	*S1-*	*70 - 130*	*02/09/23 17:28*	*02/12/23 20:14*	*1*
o-Terphenyl	*64*	*S1-*	*70 - 130*	*02/09/23 17:28*	*02/12/23 20:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			02/07/23 19:29	1

Surrogate Summary

Client: Carmona Resources
Project/Site: OXY Flameskimmer State #1

Job ID: 880-24395-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-24395-1	S-1 (0-0.5')	126	74
880-24395-2	S-2 (0-0.5')	140 S1+	83
880-24395-3	S-3 (0-0.5')	166 S1+	118
890-4031-A-21-H MSD	Matrix Spike Duplicate	144 S1+	95
890-4037-A-1-F MS	Matrix Spike	116	81
LCS 880-46010/1-A	Lab Control Sample	130	100
LCS 880-46012/1-A	Lab Control Sample	134 S1+	87
LCSD 880-46010/2-A	Lab Control Sample Dup	128	86
LCSD 880-46012/2-A	Lab Control Sample Dup	140 S1+	85
MB 880-46010/5-A	Method Blank	89	85
MB 880-46012/5-A	Method Blank	93	82

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)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-24395-1	S-1 (0-0.5')	68 S1-	64 S1-
880-24395-2	S-2 (0-0.5')	59 S1-	56 S1-
880-24395-3	S-3 (0-0.5')	67 S1-	64 S1-
890-4048-A-4-C MS	Matrix Spike	67 S1-	61 S1-
890-4048-A-4-D MSD	Matrix Spike Duplicate	80	74
LCS 880-45929/2-A	Lab Control Sample	129	108
LCSD 880-45929/3-A	Lab Control Sample Dup	138 S1+	124
MB 880-45929/1-A	Method Blank	75	74

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: OXY Flameskimmer State #1

Job ID: 880-24395-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-46010/5-A
Matrix: Solid
Analysis Batch: 46086

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 46010

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/10/23 14:32	02/13/23 12:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/10/23 14:32	02/13/23 12:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/10/23 14:32	02/13/23 12:26	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/10/23 14:32	02/13/23 12:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/10/23 14:32	02/13/23 12:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/10/23 14:32	02/13/23 12:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*02/10/23 14:32*	*02/13/23 12:26*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*02/10/23 14:32*	*02/13/23 12:26*	*1*

Lab Sample ID: LCS 880-46010/1-A
Matrix: Solid
Analysis Batch: 46086

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 46010

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1345	*+	mg/Kg		135	70 - 130		
Toluene			0.100	0.1363	*+	mg/Kg		136	70 - 130		
Ethylbenzene			0.100	0.1415	*+	mg/Kg		141	70 - 130		
m-Xylene & p-Xylene			0.200	0.2823	*+	mg/Kg		141	70 - 130		
o-Xylene			0.100	0.1415	*+	mg/Kg		141	70 - 130		

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

Lab Sample ID: LCSD 880-46010/2-A
Matrix: Solid
Analysis Batch: 46086

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 46010

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1219		mg/Kg		122	70 - 130	10	35
Toluene			0.100	0.1231		mg/Kg		123	70 - 130	10	35
Ethylbenzene			0.100	0.1286		mg/Kg		129	70 - 130	10	35
m-Xylene & p-Xylene			0.200	0.2608		mg/Kg		130	70 - 130	8	35
o-Xylene			0.100	0.1290		mg/Kg		129	70 - 130	9	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*

Lab Sample ID: 890-4031-A-21-H MSD
Matrix: Solid
Analysis Batch: 46086

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 46010

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U *+	0.0996	0.1080		mg/Kg		108	70 - 130	2	35
Toluene	<0.00202	U *+	0.0996	0.1113		mg/Kg		112	70 - 130	1	35

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QC Sample Results

Client: Carmona Resources
Project/Site: OXY Flameskimmer State #1

Job ID: 880-24395-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 890-4031-A-21-H MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 46086 — **Prep Batch: 46010**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethylbenzene	<0.00202	U *+	0.0996	0.1137		mg/Kg		114	70 - 130	2	35
m-Xylene & p-Xylene	<0.00404	U *+	0.199	0.2295		mg/Kg		115	70 - 130	2	35
o-Xylene	<0.00202	U *+	0.0996	0.1137		mg/Kg		114	70 - 130	1	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*144*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: MB 880-46012/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 46086 — **Prep Batch: 46012**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/10/23 14:36	02/14/23 01:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/10/23 14:36	02/14/23 01:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/10/23 14:36	02/14/23 01:37	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/10/23 14:36	02/14/23 01:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/10/23 14:36	02/14/23 01:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/10/23 14:36	02/14/23 01:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*02/10/23 14:36*	*02/14/23 01:37*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*02/10/23 14:36*	*02/14/23 01:37*	*1*

Lab Sample ID: LCS 880-46012/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 46086 — **Prep Batch: 46012**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1059		mg/Kg		106	70 - 130
Toluene	0.100	0.1130		mg/Kg		113	70 - 130
Ethylbenzene	0.100	0.1122		mg/Kg		112	70 - 130
m-Xylene & p-Xylene	0.200	0.2259		mg/Kg		113	70 - 130
o-Xylene	0.100	0.1169		mg/Kg		117	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*134*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*

Lab Sample ID: LCSD 880-46012/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 46086 — **Prep Batch: 46012**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1142		mg/Kg		114	70 - 130	8	35
Toluene	0.100	0.1154		mg/Kg		115	70 - 130	2	35
Ethylbenzene	0.100	0.1117		mg/Kg		112	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2226		mg/Kg		111	70 - 130	1	35

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QC Sample Results

Client: Carmona Resources
Project/Site: OXY Flameskimmer State #1

Job ID: 880-24395-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-46012/2-A
Matrix: Solid
Analysis Batch: 46086

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 46012

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
o-Xylene			0.100	0.1105		mg/Kg		111	70 - 130	6	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*140*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*

Lab Sample ID: 890-4037-A-1-F MS
Matrix: Solid
Analysis Batch: 46086

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 46012

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.08259		mg/Kg		82	70 - 130
Toluene	<0.00201	U	0.100	0.07765		mg/Kg		77	70 - 130
Ethylbenzene	<0.00201	U	0.100	0.08149		mg/Kg		81	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1603		mg/Kg		80	70 - 130
o-Xylene	<0.00201	U	0.100	0.07875		mg/Kg		79	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*

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

Lab Sample ID: MB 880-45929/1-A
Matrix: Solid
Analysis Batch: 46067

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 45929

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		02/09/23 17:28	02/12/23 09:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/09/23 17:28	02/12/23 09:44	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/09/23 17:28	02/12/23 09:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*75*		*70 - 130*	*02/09/23 17:28*	*02/12/23 09:44*	*1*
o-Terphenyl	*74*		*70 - 130*	*02/09/23 17:28*	*02/12/23 09:44*	*1*

Lab Sample ID: LCS 880-45929/2-A
Matrix: Solid
Analysis Batch: 46067

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 45929

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10			1000	936.7		mg/Kg		94	70 - 130
Diesel Range Organics (Over C10-C28)			1000	847.8		mg/Kg		85	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: OXY Flameskimmer State #1

Job ID: 880-24395-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-45929/2-A
Matrix: Solid
Analysis Batch: 46067

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 45929

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*129*		*70 - 130*
o-Terphenyl	*108*		*70 - 130*

Lab Sample ID: LCSD 880-45929/3-A
Matrix: Solid
Analysis Batch: 46067

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 45929

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1047		mg/Kg		105	70 - 130	11	20
Diesel Range Organics (Over C10-C28)			1000	959.5		mg/Kg		96	70 - 130	12	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*138*	*S1+*	*70 - 130*
o-Terphenyl	*124*		*70 - 130*

Lab Sample ID: 890-4048-A-4-C MS
Matrix: Solid
Analysis Batch: 46067

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 45929

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1 F2	998	<49.9	U F1	mg/Kg		-2	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U F1	998	<49.9	U F1	mg/Kg		-0.1	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*67*	*S1-*	*70 - 130*
o-Terphenyl	*61*	*S1-*	*70 - 130*

Lab Sample ID: 890-4048-A-4-D MSD
Matrix: Solid
Analysis Batch: 46067

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 45929

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	<50.0	U F1 F2	997	52.93	F1 F2	mg/Kg		0.8	70 - 130	69	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	997	<49.9	U F1	mg/Kg		-0.1	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*80*		*70 - 130*
o-Terphenyl	*74*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: OXY Flameskimmer State #1

Job ID: 880-24395-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-45664/1-A
Matrix: Solid
Analysis Batch: 45712

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			02/07/23 17:32	1

Lab Sample ID: LCS 880-45664/2-A
Matrix: Solid
Analysis Batch: 45712

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	256.7		mg/Kg		103	90 - 110		

Lab Sample ID: LCSD 880-45664/3-A
Matrix: Solid
Analysis Batch: 45712

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	241.6		mg/Kg		97	90 - 110	6	20

Lab Sample ID: 880-24394-A-3-B MS
Matrix: Solid
Analysis Batch: 45712

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	<5.00	U	250	249.1		mg/Kg		99	90 - 110		

Lab Sample ID: 880-24394-A-3-C MSD
Matrix: Solid
Analysis Batch: 45712

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<5.00	U	250	239.4		mg/Kg		95	90 - 110	4	20

QC Association Summary

Client: Carmona Resources
Project/Site: OXY Flameskimmer State #1

Job ID: 880-24395-1
SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 46010

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-46010/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-46010/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-46010/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-4031-A-21-H MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 46012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24395-1	S-1 (0-0.5')	Total/NA	Solid	5035	
880-24395-2	S-2 (0-0.5')	Total/NA	Solid	5035	
880-24395-3	S-3 (0-0.5')	Total/NA	Solid	5035	
MB 880-46012/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-46012/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-46012/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-4037-A-1-F MS	Matrix Spike	Total/NA	Solid	5035	

Analysis Batch: 46086

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24395-1	S-1 (0-0.5')	Total/NA	Solid	8021B	46012
880-24395-2	S-2 (0-0.5')	Total/NA	Solid	8021B	46012
880-24395-3	S-3 (0-0.5')	Total/NA	Solid	8021B	46012
MB 880-46010/5-A	Method Blank	Total/NA	Solid	8021B	46010
MB 880-46012/5-A	Method Blank	Total/NA	Solid	8021B	46012
LCS 880-46010/1-A	Lab Control Sample	Total/NA	Solid	8021B	46010
LCS 880-46012/1-A	Lab Control Sample	Total/NA	Solid	8021B	46012
LCSD 880-46010/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	46010
LCSD 880-46012/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	46012
890-4031-A-21-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	46010
890-4037-A-1-F MS	Matrix Spike	Total/NA	Solid	8021B	46012

Analysis Batch: 46314

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24395-1	S-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-24395-2	S-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-24395-3	S-3 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 45929

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24395-1	S-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-24395-2	S-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-24395-3	S-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-45929/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-45929/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-45929/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-4048-A-4-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-4048-A-4-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 46067

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24395-1	S-1 (0-0.5')	Total/NA	Solid	8015B NM	45929

QC Association Summary

Client: Carmona Resources
Project/Site: OXY Flameskimmer State #1

Job ID: 880-24395-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 46067 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24395-2	S-2 (0-0.5')	Total/NA	Solid	8015B NM	45929
880-24395-3	S-3 (0-0.5')	Total/NA	Solid	8015B NM	45929
MB 880-45929/1-A	Method Blank	Total/NA	Solid	8015B NM	45929
LCS 880-45929/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	45929
LCSD 880-45929/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	45929
890-4048-A-4-C MS	Matrix Spike	Total/NA	Solid	8015B NM	45929
890-4048-A-4-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	45929

Analysis Batch: 46123

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24395-1	S-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-24395-2	S-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-24395-3	S-3 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 45664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24395-1	S-1 (0-0.5')	Soluble	Solid	DI Leach	
880-24395-2	S-2 (0-0.5')	Soluble	Solid	DI Leach	
880-24395-3	S-3 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-45664/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-45664/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-45664/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-24394-A-3-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-24394-A-3-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 45712

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24395-1	S-1 (0-0.5')	Soluble	Solid	300.0	45664
880-24395-2	S-2 (0-0.5')	Soluble	Solid	300.0	45664
880-24395-3	S-3 (0-0.5')	Soluble	Solid	300.0	45664
MB 880-45664/1-A	Method Blank	Soluble	Solid	300.0	45664
LCS 880-45664/2-A	Lab Control Sample	Soluble	Solid	300.0	45664
LCSD 880-45664/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	45664
880-24394-A-3-B MS	Matrix Spike	Soluble	Solid	300.0	45664
880-24394-A-3-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	45664

Lab Chronicle

Client: Carmona Resources
Project/Site: OXY Flameskimmer State #1

Job ID: 880-24395-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-24395-1

Date Collected: 02/06/23 00:00
Matrix: Solid
Date Received: 02/07/23 08:50

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	46012	02/10/23 14:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	46086	02/14/23 09:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			46314	02/14/23 11:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			46123	02/13/23 11:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45929	02/09/23 17:28	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46067	02/12/23 19:28	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	45664	02/07/23 09:28	KS	EET MID
Soluble	Analysis	300.0		1			45712	02/07/23 19:10	CH	EET MID

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

Lab Sample ID: 880-24395-2

Date Collected: 02/06/23 00:00
Matrix: Solid
Date Received: 02/07/23 08:50

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	46012	02/10/23 14:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	46086	02/14/23 09:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			46314	02/14/23 11:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			46123	02/13/23 11:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	45929	02/09/23 17:28	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46067	02/12/23 19:51	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	45664	02/07/23 09:28	KS	EET MID
Soluble	Analysis	300.0		1			45712	02/07/23 19:24	CH	EET MID

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

Lab Sample ID: 880-24395-3

Date Collected: 02/06/23 00:00
Matrix: Solid
Date Received: 02/07/23 08:50

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	46012	02/10/23 14:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	46086	02/14/23 10:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			46314	02/14/23 11:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			46123	02/13/23 11:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45929	02/09/23 17:28	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46067	02/12/23 20:14	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	45664	02/07/23 09:28	KS	EET MID
Soluble	Analysis	300.0		1			45712	02/07/23 19:29	CH	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: OXY Flameskimmer State #1

Job ID: 880-24395-1
SDG: Eddy County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

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

Analysis Method	Prep Method	Matrix	Analyte
300.0		Solid	Chloride
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	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: OXY Flameskimmer State #1

Job ID: 880-24395-1
SDG: Eddy County, New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: OXY Flameskimmer State #1

Job ID: 880-24395-1
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-24395-1	S-1 (0-0.5')	Solid	02/06/23 00:00	02/07/23 08:50
880-24395-2	S-2 (0-0.5')	Solid	02/06/23 00:00	02/07/23 08:50
880-24395-3	S-3 (0-0.5')	Solid	02/06/23 00:00	02/07/23 08:50

Work Order No: 24395

Project Manager	Conner Moehring	Bill to: (if different)	Stoney Harris
Company Name	Carmona Resources	Company Name	Silverback Exploration
Address	310 W Wall St Ste 415	Address	
City, State ZIP	Midland, TX 79701	City, State ZIP	
Phone:	(432) 813-6823	Email	sharris@silverbackexp.com

Work Order Comments

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

State of Project:

Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables EDD ☐ ADaPT ☐ Other:

Project Name	OXY Flameskimmer State #1	Turn Around	
Project Number	1228	☑ Routine	☐ Rush
Project Location	Eddy County, New Mexico	Due Date	
Sampler's Name	MM		
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	-0.7
Sample Custody Seals	Yes No N/A	Temperature Reading	0.3
Total Containers:		Corrected Temperature	0.0

Preservative Codes

None NO — DI Water H_2O

Cool Cool — MeOH Me

HCL. HC — HNO_3 HN

H_2S0_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	Sample Comments
S-1 (0-0 5')	2/6/2023		X		G	1		X	X	X	402
S-2 (0-0 5')	2/6/2023		X		G	1		X	X	X	
S-3 (0-0 5')	2/6/2023		X		G	1		X	X	X	

880-24395 Chain of Custody

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
Veronica Haas	2-7-23		2/7/23 0850

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-24395-1
SDG Number: Eddy County, New Mexico

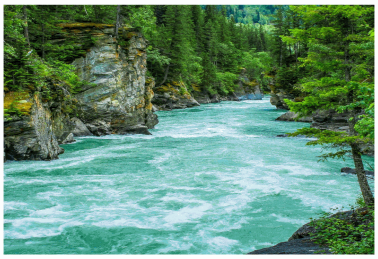
Login Number: 24395
List Number: 1
Creator: Teel, Brianna

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	

Report to:

Conner Moehring



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

NELAP ACCREDITED TNI LABORATORY

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: OXY Flameskimmer State #1

Work Order: E311057

Job Number: 22113-0001

Received: 11/8/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/14/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 11/14/23

Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: OXY Flameskimmer State #1
Workorder: E311057
Date Received: 11/8/2023 8:30:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/8/2023 8:30:00AM, under the Project Name: OXY Flameskimmer State #1.

The analytical test results summarized in this report with the Project Name: OXY Flameskimmer State #1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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Alexa Michaels
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labadmin@envirotech-inc.com

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Table of Contents

Sample Summary

Carmona Resources	Project Name:	OXY Flameskimmer State #1	**Reported:**
310 West Wall St. Suite 415	Project Number:	22113-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	11/14/23 16:19

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S-4 (0-1')	E311057-01A	Soil	11/02/23	11/08/23	Glass Jar, 4 oz.
S-4 (1.5')	E311057-02A	Soil	11/02/23	11/08/23	Glass Jar, 4 oz.
S-4 (2.0')	E311057-03A	Soil	11/02/23	11/08/23	Glass Jar, 4 oz.
S-4 (3.0')	E311057-04A	Soil	11/02/23	11/08/23	Glass Jar, 4 oz.
S-4 (4.0')	E311057-05A	Soil	11/02/23	11/08/23	Glass Jar, 4 oz.

Sample Data

Carmona Resources	Project Name:	OXY Flameskimmer State #1	
310 West Wall St. Suite 415	Project Number:	22113-0001	**Reported:**
Midland TX, 79701	Project Manager:	Conner Moehring	11/14/2023 4:19:53PM

S-4 (0-1')

E311057-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2345054
Benzene	ND	0.0250	1	11/08/23	11/08/23	
Ethylbenzene	ND	0.0250	1	11/08/23	11/08/23	
Toluene	ND	0.0250	1	11/08/23	11/08/23	
o-Xylene	ND	0.0250	1	11/08/23	11/08/23	
p,m-Xylene	ND	0.0500	1	11/08/23	11/08/23	
Total Xylenes	ND	0.0250	1	11/08/23	11/08/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.7 %*	*70-130*	*11/08/23*	*11/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2345054
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/23	11/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*	*70-130*	*11/08/23*	*11/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346005
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/23	11/14/23	
Surrogate: n-Nonane		*79.1 %*	*50-200*	*11/13/23*	*11/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2345067
Chloride	ND	20.0	1	11/08/23	11/11/23	

Sample Data

Carmona Resources	Project Name:	OXY Flameskimmer State #1	
310 West Wall St. Suite 415	Project Number:	22113-0001	**Reported:**
Midland TX, 79701	Project Manager:	Conner Moehring	11/14/2023 4:19:53PM

S-4 (1.5')

E311057-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2345054
Benzene	ND	0.0250	1	11/08/23	11/08/23	
Ethylbenzene	ND	0.0250	1	11/08/23	11/08/23	
Toluene	ND	0.0250	1	11/08/23	11/08/23	
o-Xylene	ND	0.0250	1	11/08/23	11/08/23	
p,m-Xylene	ND	0.0500	1	11/08/23	11/08/23	
Total Xylenes	ND	0.0250	1	11/08/23	11/08/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.8 %*	*70-130*	*11/08/23*	*11/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2345054
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/23	11/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.9 %*	*70-130*	*11/08/23*	*11/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346005
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/23	11/14/23	
Surrogate: n-Nonane		*84.9 %*	*50-200*	*11/13/23*	*11/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2345067
Chloride	ND	20.0	1	11/08/23	11/11/23	

Sample Data

Carmona Resources	Project Name:	OXY Flameskimmer State #1	
310 West Wall St. Suite 415	Project Number:	22113-0001	**Reported:**
Midland TX, 79701	Project Manager:	Conner Moehring	11/14/2023 4:19:53PM

S-4 (2.0')

E311057-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2345054
Benzene	ND	0.0250	1	11/08/23	11/08/23	
Ethylbenzene	ND	0.0250	1	11/08/23	11/08/23	
Toluene	ND	0.0250	1	11/08/23	11/08/23	
o-Xylene	ND	0.0250	1	11/08/23	11/08/23	
p,m-Xylene	ND	0.0500	1	11/08/23	11/08/23	
Total Xylenes	ND	0.0250	1	11/08/23	11/08/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.6 %*	*70-130*	*11/08/23*	*11/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2345054
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/23	11/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.8 %*	*70-130*	*11/08/23*	*11/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346005
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/23	11/14/23	
Surrogate: n-Nonane		*90.6 %*	*50-200*	*11/13/23*	*11/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2345067
Chloride	ND	20.0	1	11/08/23	11/11/23	

Sample Data

Carmona Resources	Project Name:	OXY Flameskimmer State #1	
310 West Wall St. Suite 415	Project Number:	22113-0001	**Reported:**
Midland TX, 79701	Project Manager:	Conner Moehring	11/14/2023 4:19:53PM

S-4 (3.0')

E311057-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2345054
Benzene	ND	0.0250	1	11/08/23	11/08/23	
Ethylbenzene	ND	0.0250	1	11/08/23	11/08/23	
Toluene	ND	0.0250	1	11/08/23	11/08/23	
o-Xylene	ND	0.0250	1	11/08/23	11/08/23	
p,m-Xylene	ND	0.0500	1	11/08/23	11/08/23	
Total Xylenes	ND	0.0250	1	11/08/23	11/08/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.3 %*	*70-130*	*11/08/23*	*11/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2345054
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/23	11/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.3 %*	*70-130*	*11/08/23*	*11/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346005
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/23	11/14/23	
Surrogate: n-Nonane		*76.6 %*	*50-200*	*11/13/23*	*11/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2345067
Chloride	ND	20.0	1	11/08/23	11/11/23	

Sample Data

Carmona Resources	Project Name:	OXY Flameskimmer State #1	
310 West Wall St. Suite 415	Project Number:	22113-0001	**Reported:**
Midland TX, 79701	Project Manager:	Conner Moehring	11/14/2023 4:19:53PM

S-4 (4.0')

E311057-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2345054
Benzene	ND	0.0250	1	11/08/23	11/08/23	
Ethylbenzene	ND	0.0250	1	11/08/23	11/08/23	
Toluene	ND	0.0250	1	11/08/23	11/08/23	
o-Xylene	ND	0.0250	1	11/08/23	11/08/23	
p,m-Xylene	ND	0.0500	1	11/08/23	11/08/23	
Total Xylenes	ND	0.0250	1	11/08/23	11/08/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.7 %*	*70-130*	*11/08/23*	*11/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2345054
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/23	11/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.9 %*	*70-130*	*11/08/23*	*11/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346005
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/23	11/14/23	
Surrogate: n-Nonane		*82.5 %*	*50-200*	*11/13/23*	*11/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2345067
Chloride	ND	20.0	1	11/08/23	11/11/23	

QC Summary Data

Carmona Resources	Project Name:	OXY Flameskimmer State #1	**Reported:**
310 West Wall St. Suite 415	Project Number:	22113-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	11/14/2023 4:19:53PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2345054-BLK1)									Prepared: 11/08/23 Analyzed: 11/08/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.60*		*8.00*		*95.0*	*70-130*			
LCS (2345054-BS1)									Prepared: 11/08/23 Analyzed: 11/08/23
Benzene	4.71	0.0250	5.00		94.2	70-130			
Ethylbenzene	4.62	0.0250	5.00		92.4	70-130			
Toluene	4.77	0.0250	5.00		95.4	70-130			
o-Xylene	4.76	0.0250	5.00		95.1	70-130			
p,m-Xylene	9.56	0.0500	10.0		95.6	70-130			
Total Xylenes	14.3	0.0250	15.0		95.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.67*		*8.00*		*95.9*	*70-130*			
Matrix Spike (2345054-MS1)				**Source: E311052-04**					Prepared: 11/08/23 Analyzed: 11/08/23
Benzene	4.89	0.0250	5.00	ND	97.7	54-133			
Ethylbenzene	4.83	0.0250	5.00	ND	96.5	61-133			
Toluene	4.98	0.0250	5.00	ND	99.5	61-130			
o-Xylene	4.96	0.0250	5.00	ND	99.1	63-131			
p,m-Xylene	9.99	0.0500	10.0	ND	99.9	63-131			
Total Xylenes	14.9	0.0250	15.0	ND	99.6	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.59*		*8.00*		*94.9*	*70-130*			
Matrix Spike Dup (2345054-MSD1)				**Source: E311052-04**					Prepared: 11/08/23 Analyzed: 11/08/23
Benzene	4.67	0.0250	5.00	ND	93.4	54-133	4.52	20	
Ethylbenzene	4.63	0.0250	5.00	ND	92.6	61-133	4.17	20	
Toluene	4.77	0.0250	5.00	ND	95.3	61-130	4.29	20	
o-Xylene	4.76	0.0250	5.00	ND	95.1	63-131	4.15	20	
p,m-Xylene	9.58	0.0500	10.0	ND	95.8	63-131	4.11	20	
Total Xylenes	14.3	0.0250	15.0	ND	95.6	63-131	4.12	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.58*		*8.00*		*94.8*	*70-130*			

QC Summary Data

Carmona Resources	Project Name:	OXY Flameskimmer State #1	**Reported:**
310 West Wall St. Suite 415	Project Number:	22113-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	11/14/2023 4:19:53PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2345054-BLK1)									Prepared: 11/08/23 Analyzed: 11/08/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.36*		*8.00*		*92.0*	*70-130*			
LCS (2345054-BS2)									Prepared: 11/08/23 Analyzed: 11/08/23
Gasoline Range Organics (C6-C10)	45.7	20.0	50.0		91.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.39*		*8.00*		*92.4*	*70-130*			
Matrix Spike (2345054-MS2)				**Source: E311052-04**					Prepared: 11/08/23 Analyzed: 11/08/23
Gasoline Range Organics (C6-C10)	43.4	20.0	50.0	ND	86.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.40*		*8.00*		*92.5*	*70-130*			
Matrix Spike Dup (2345054-MSD2)				**Source: E311052-04**					Prepared: 11/08/23 Analyzed: 11/08/23
Gasoline Range Organics (C6-C10)	40.5	20.0	50.0	ND	81.0	70-130	6.94	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.35*		*8.00*		*91.9*	*70-130*			

QC Summary Data

Carmona Resources	Project Name:	OXY Flameskimmer State #1	**Reported:**
310 West Wall St. Suite 415	Project Number:	22113-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	11/14/2023 4:19:53PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2346005-BLK1)									Prepared: 11/13/23 Analyzed: 11/13/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*44.1*		*50.0*		*88.3*	*50-200*			
LCS (2346005-BS1)									Prepared: 11/13/23 Analyzed: 11/13/23
Diesel Range Organics (C10-C28)	231	25.0	250		92.2	38-132			
Surrogate: n-Nonane	*45.1*		*50.0*		*90.3*	*50-200*			
Matrix Spike (2346005-MS1)				**Source: E311057-04**					Prepared: 11/13/23 Analyzed: 11/13/23
Diesel Range Organics (C10-C28)	221	25.0	250	ND	88.5	38-132			
Surrogate: n-Nonane	*42.3*		*50.0*		*84.6*	*50-200*			
Matrix Spike Dup (2346005-MSD1)				**Source: E311057-04**					Prepared: 11/13/23 Analyzed: 11/13/23
Diesel Range Organics (C10-C28)	229	25.0	250	ND	91.6	38-132	3.43	20	
Surrogate: n-Nonane	*40.1*		*50.0*		*80.1*	*50-200*			

QC Summary Data

Carmona Resources	Project Name:	OXY Flameskimmer State #1	**Reported:**
310 West Wall St. Suite 415	Project Number:	22113-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	11/14/2023 4:19:53PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2345067-BLK1)									Prepared: 11/08/23 Analyzed: 11/11/23
Chloride	ND	20.0							
LCS (2345067-BS1)									Prepared: 11/08/23 Analyzed: 11/11/23
Chloride	243	20.0	250		97.3	90-110			
Matrix Spike (2345067-MS1)				**Source: E311047-24**					Prepared: 11/08/23 Analyzed: 11/11/23
Chloride	247	20.0	250	ND	98.8	80-120			
Matrix Spike Dup (2345067-MSD1)				**Source: E311047-24**					Prepared: 11/08/23 Analyzed: 11/11/23
Chloride	247	20.0	250	ND	98.7	80-120	0.104	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

Carmona Resources	Project Name:	OXY Flameskimmer State #1	
310 West Wall St. Suite 415	Project Number:	22113-0001	**Reported:**
Midland TX, 79701	Project Manager:	Conner Moehring	11/14/23 16:19

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Chain of Custody

Work Order No: E311057
Job# 22113-0001

Page 1 of 1

Project Manager:	Conner Moehring	Bill to: (if different)	Mark Ritchie
Company Name:	Carmona Resources	Company Name:	Silverback Exploration
Address:	310 W Wall St Ste 415	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	mritchie@silverbackexp.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	OXY Flameskimmer State #1	Turn Around	
Project Number:	1228	☑ Routine ☐ Rush	
Project Location	Eddy County, New Mexico	Due Date:	
Sampler's Name:	CRM	Standard TAT	
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_2S0_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	Sample Comments (Lab #)
S-4 (0-1')	11/2/2023		X		Grab	1		X	X	X	1
S-4 (1.5')	11/2/2023		X		Grab	1		X	X	X	2
S-4 (2.0')	11/2/2023		X		Grab	1		X	X	X	3
S-4 (3.0')	11/2/2023		X		Grab	1		X	X	X	4
S-4 (4.0')	11/2/2023		X		Grab	1		X	X	X	5

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Conner Moehring	11/7/23	Michelle Garcia	11-7-23 1119
Michelle Garcia	11-7-23 1900	Andrew Mussa	11.7.23 1700
Andrew Mussa	11.7.23 2400	J Montes	11/8/23 8:30

Envirotech Analytical Laboratory

Printed: 11/8/2023 9:21:08AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	11/08/23 08:30	Work Order ID:	E311057
Phone:	(432) 813-6823	Date Logged In:	11/07/23 15:14	Logged In By:	Jordan Montano
Email:	cmoehring@carmonaresouces.com	Due Date:	11/14/23 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: N/A

Comments/Resolution

Time sampled not provided on COC per client.

Client Instruction

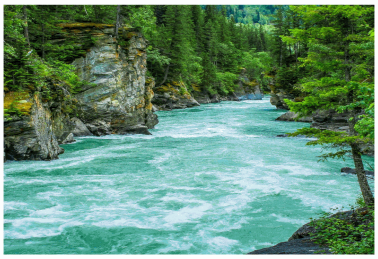
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Conner Moehring



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name:	OXY Flameskimmer State #1
Work Order:	E311059
Job Number:	22113-0001
Received:	11/8/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/14/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 11/14/23

Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: OXY Flameskimmer State #1
Workorder: E311059
Date Received: 11/8/2023 8:45:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/8/2023 8:45:00AM, under the Project Name: OXY Flameskimmer State #1.

The analytical test results summarized in this report with the Project Name: OXY Flameskimmer State #1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
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Sample Summary

Carmona Resources	Project Name:	OXY Flameskimmer State #1	**Reported:**
310 West Wall St. Suite 415	Project Number:	22113-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	11/14/23 15:03

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-1 (0-0.5')	E311059-01A	Soil	11/02/23	11/08/23	Glass Jar, 4 oz.
CS-2 (0-0.5')	E311059-02A	Soil	11/02/23	11/08/23	Glass Jar, 4 oz.
CS-3 (0-0.5')	E311059-03A	Soil	11/02/23	11/08/23	Glass Jar, 4 oz.
CS-4 (0-0.5')	E311059-04A	Soil	11/02/23	11/08/23	Glass Jar, 4 oz.
CS-5 (0-0.5')	E311059-05A	Soil	11/02/23	11/08/23	Glass Jar, 4 oz.
CS-6 (0-0.5')	E311059-06A	Soil	11/02/23	11/08/23	Glass Jar, 4 oz.
CS-7 (0-0.5')	E311059-07A	Soil	11/02/23	11/08/23	Glass Jar, 4 oz.
CS-8 (0-0.5')	E311059-08A	Soil	11/02/23	11/08/23	Glass Jar, 4 oz.
CS-9 (0-0.5')	E311059-09A	Soil	11/02/23	11/08/23	Glass Jar, 4 oz.
CS-10 (0-0.5')	E311059-10A	Soil	11/02/23	11/08/23	Glass Jar, 4 oz.
CS-11 (0-0.5')	E311059-11A	Soil	11/02/23	11/08/23	Glass Jar, 4 oz.
CS-12 (0-0.5')	E311059-12A	Soil	11/02/23	11/08/23	Glass Jar, 4 oz.
CS-13 (0-0.5')	E311059-13A	Soil	11/02/23	11/08/23	Glass Jar, 4 oz.
CS-14 (0-0.5')	E311059-14A	Soil	11/02/23	11/08/23	Glass Jar, 4 oz.
CS-15 (0-0.5')	E311059-15A	Soil	11/02/23	11/08/23	Glass Jar, 4 oz.
CS-16 (0-0.5')	E311059-16A	Soil	11/02/23	11/08/23	Glass Jar, 4 oz.

Sample Data

Carmona Resources	Project Name:	OXY Flameskimmer State #1	
310 West Wall St. Suite 415	Project Number:	22113-0001	**Reported:**
Midland TX, 79701	Project Manager:	Conner Moehring	11/14/2023 3:03:44PM

CS-1 (0-0.5')

E311059-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2345072
Benzene	ND	0.0250	1	11/08/23	11/10/23	
Ethylbenzene	ND	0.0250	1	11/08/23	11/10/23	
Toluene	ND	0.0250	1	11/08/23	11/10/23	
o-Xylene	ND	0.0250	1	11/08/23	11/10/23	
p,m-Xylene	ND	0.0500	1	11/08/23	11/10/23	
Total Xylenes	ND	0.0250	1	11/08/23	11/10/23	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*11/08/23*	*11/10/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2345072
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/23	11/10/23	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*11/08/23*	*11/10/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346002
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/23	11/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/23	11/13/23	
Surrogate: n-Nonane		*99.5 %*	*50-200*	*11/13/23*	*11/13/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2345115
Chloride	ND	20.0	1	11/10/23	11/13/23	

Sample Data

Carmona Resources	Project Name:	OXY Flameskimmer State #1	
310 West Wall St. Suite 415	Project Number:	22113-0001	**Reported:**
Midland TX, 79701	Project Manager:	Conner Moehring	11/14/2023 3:03:44PM

CS-2 (0-0.5')

E311059-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2345072
Benzene	ND	0.0250	1	11/08/23	11/10/23	
Ethylbenzene	ND	0.0250	1	11/08/23	11/10/23	
Toluene	ND	0.0250	1	11/08/23	11/10/23	
o-Xylene	ND	0.0250	1	11/08/23	11/10/23	
p,m-Xylene	ND	0.0500	1	11/08/23	11/10/23	
Total Xylenes	ND	0.0250	1	11/08/23	11/10/23	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: Toluene-d8		*99.8 %*	*70-130*	*11/08/23*	*11/10/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2345072
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/23	11/10/23	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: Toluene-d8		*99.8 %*	*70-130*	*11/08/23*	*11/10/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346002
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/23	11/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/23	11/13/23	
Surrogate: n-Nonane		*101 %*	*50-200*	*11/13/23*	*11/13/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2345115
Chloride	ND	20.0	1	11/10/23	11/13/23	

Sample Data

Carmona Resources	Project Name:	OXY Flameskimmer State #1	
310 West Wall St. Suite 415	Project Number:	22113-0001	**Reported:**
Midland TX, 79701	Project Manager:	Conner Moehring	11/14/2023 3:03:44PM

CS-3 (0-0.5')

E311059-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2345072
Benzene	ND	0.0250	1	11/08/23	11/10/23	
Ethylbenzene	ND	0.0250	1	11/08/23	11/10/23	
Toluene	ND	0.0250	1	11/08/23	11/10/23	
o-Xylene	ND	0.0250	1	11/08/23	11/10/23	
p,m-Xylene	ND	0.0500	1	11/08/23	11/10/23	
Total Xylenes	ND	0.0250	1	11/08/23	11/10/23	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: Toluene-d8		*99.9 %*	*70-130*	*11/08/23*	*11/10/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2345072
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/23	11/10/23	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: Toluene-d8		*99.9 %*	*70-130*	*11/08/23*	*11/10/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346002
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/23	11/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/23	11/13/23	
Surrogate: n-Nonane		*95.9 %*	*50-200*	*11/13/23*	*11/13/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2345115
Chloride	ND	20.0	1	11/10/23	11/13/23	

Sample Data

Carmona Resources	Project Name:	OXY Flameskimmer State #1	
310 West Wall St. Suite 415	Project Number:	22113-0001	**Reported:**
Midland TX, 79701	Project Manager:	Conner Moehring	11/14/2023 3:03:44PM

CS-4 (0-0.5')

E311059-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2345072
Benzene	ND	0.0250	1	11/08/23	11/10/23	
Ethylbenzene	ND	0.0250	1	11/08/23	11/10/23	
Toluene	ND	0.0250	1	11/08/23	11/10/23	
o-Xylene	ND	0.0250	1	11/08/23	11/10/23	
p,m-Xylene	ND	0.0500	1	11/08/23	11/10/23	
Total Xylenes	ND	0.0250	1	11/08/23	11/10/23	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: Toluene-d8		*99.7 %*	*70-130*	*11/08/23*	*11/10/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2345072
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/23	11/10/23	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: Toluene-d8		*99.7 %*	*70-130*	*11/08/23*	*11/10/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346002
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/23	11/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/23	11/13/23	
Surrogate: n-Nonane		*94.7 %*	*50-200*	*11/13/23*	*11/13/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2345115
Chloride	ND	20.0	1	11/10/23	11/13/23	

Sample Data

Carmona Resources	Project Name:	OXY Flameskimmer State #1	
310 West Wall St. Suite 415	Project Number:	22113-0001	**Reported:**
Midland TX, 79701	Project Manager:	Conner Moehring	11/14/2023 3:03:44PM

CS-5 (0-0.5')

E311059-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2345072
Benzene	ND	0.0250	1	11/08/23	11/10/23	
Ethylbenzene	ND	0.0250	1	11/08/23	11/10/23	
Toluene	ND	0.0250	1	11/08/23	11/10/23	
o-Xylene	ND	0.0250	1	11/08/23	11/10/23	
p,m-Xylene	ND	0.0500	1	11/08/23	11/10/23	
Total Xylenes	ND	0.0250	1	11/08/23	11/10/23	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: Toluene-d8		*99.9 %*	*70-130*	*11/08/23*	*11/10/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2345072
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/23	11/10/23	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: Toluene-d8		*99.9 %*	*70-130*	*11/08/23*	*11/10/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346002
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/23	11/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/23	11/13/23	
Surrogate: n-Nonane		*101 %*	*50-200*	*11/13/23*	*11/13/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2345115
Chloride	ND	20.0	1	11/10/23	11/13/23	

Sample Data

Carmona Resources	Project Name:	OXY Flameskimmer State #1	
310 West Wall St. Suite 415	Project Number:	22113-0001	**Reported:**
Midland TX, 79701	Project Manager:	Conner Moehring	11/14/2023 3:03:44PM

CS-6 (0-0.5')

E311059-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2345072
Benzene	ND	0.0250	1	11/08/23	11/10/23	
Ethylbenzene	ND	0.0250	1	11/08/23	11/10/23	
Toluene	ND	0.0250	1	11/08/23	11/10/23	
o-Xylene	ND	0.0250	1	11/08/23	11/10/23	
p,m-Xylene	ND	0.0500	1	11/08/23	11/10/23	
Total Xylenes	ND	0.0250	1	11/08/23	11/10/23	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*11/08/23*	*11/10/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2345072
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/23	11/10/23	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*11/08/23*	*11/10/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346002
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/23	11/14/23	
Surrogate: n-Nonane		*100 %*	*50-200*	*11/13/23*	*11/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2345115
Chloride	ND	20.0	1	11/10/23	11/13/23	

Sample Data

Carmona Resources	Project Name:	OXY Flameskimmer State #1	
310 West Wall St. Suite 415	Project Number:	22113-0001	**Reported:**
Midland TX, 79701	Project Manager:	Conner Moehring	11/14/2023 3:03:44PM

CS-7 (0-0.5')

E311059-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2345072
Benzene	ND	0.0250	1	11/08/23	11/10/23	
Ethylbenzene	ND	0.0250	1	11/08/23	11/10/23	
Toluene	ND	0.0250	1	11/08/23	11/10/23	
o-Xylene	ND	0.0250	1	11/08/23	11/10/23	
p,m-Xylene	ND	0.0500	1	11/08/23	11/10/23	
Total Xylenes	ND	0.0250	1	11/08/23	11/10/23	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*11/08/23*	*11/10/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2345072
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/23	11/10/23	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*11/08/23*	*11/10/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346002
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/23	11/14/23	
Surrogate: n-Nonane		*101 %*	*50-200*	*11/13/23*	*11/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2345115
Chloride	ND	20.0	1	11/10/23	11/13/23	

Sample Data

Carmona Resources	Project Name:	OXY Flameskimmer State #1	
310 West Wall St. Suite 415	Project Number:	22113-0001	**Reported:**
Midland TX, 79701	Project Manager:	Conner Moehring	11/14/2023 3:03:44PM

CS-8 (0-0.5')

E311059-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2345072
Benzene	ND	0.0250	1	11/08/23	11/10/23	
Ethylbenzene	ND	0.0250	1	11/08/23	11/10/23	
Toluene	ND	0.0250	1	11/08/23	11/10/23	
o-Xylene	ND	0.0250	1	11/08/23	11/10/23	
p,m-Xylene	ND	0.0500	1	11/08/23	11/10/23	
Total Xylenes	ND	0.0250	1	11/08/23	11/10/23	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: Toluene-d8		*99.7 %*	*70-130*	*11/08/23*	*11/10/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2345072
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/23	11/10/23	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: Toluene-d8		*99.7 %*	*70-130*	*11/08/23*	*11/10/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346002
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/23	11/14/23	
Surrogate: n-Nonane		*89.3 %*	*50-200*	*11/13/23*	*11/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2345115
Chloride	ND	20.0	1	11/10/23	11/13/23	

Sample Data

Carmona Resources	Project Name:	OXY Flameskimmer State #1	
310 West Wall St. Suite 415	Project Number:	22113-0001	**Reported:**
Midland TX, 79701	Project Manager:	Conner Moehring	11/14/2023 3:03:44PM

CS-9 (0-0.5')

E311059-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2345072
Benzene	ND	0.0250	1	11/08/23	11/10/23	
Ethylbenzene	ND	0.0250	1	11/08/23	11/10/23	
Toluene	ND	0.0250	1	11/08/23	11/10/23	
o-Xylene	ND	0.0250	1	11/08/23	11/10/23	
p,m-Xylene	ND	0.0500	1	11/08/23	11/10/23	
Total Xylenes	ND	0.0250	1	11/08/23	11/10/23	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*11/08/23*	*11/10/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2345072
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/23	11/10/23	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*11/08/23*	*11/10/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346002
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/23	11/14/23	
Surrogate: n-Nonane		*98.3 %*	*50-200*	*11/13/23*	*11/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2345115
Chloride	ND	20.0	1	11/10/23	11/13/23	

Sample Data

Carmona Resources	Project Name:	OXY Flameskimmer State #1	
310 West Wall St. Suite 415	Project Number:	22113-0001	**Reported:**
Midland TX, 79701	Project Manager:	Conner Moehring	11/14/2023 3:03:44PM

CS-10 (0-0.5')

E311059-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2345072
Benzene	ND	0.0250	1	11/08/23	11/10/23	
Ethylbenzene	ND	0.0250	1	11/08/23	11/10/23	
Toluene	ND	0.0250	1	11/08/23	11/10/23	
o-Xylene	ND	0.0250	1	11/08/23	11/10/23	
p,m-Xylene	ND	0.0500	1	11/08/23	11/10/23	
Total Xylenes	ND	0.0250	1	11/08/23	11/10/23	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*11/08/23*	*11/10/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2345072
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/23	11/10/23	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*11/08/23*	*11/10/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346002
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/23	11/14/23	
Surrogate: n-Nonane		*88.6 %*	*50-200*	*11/13/23*	*11/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2345115
Chloride	ND	20.0	1	11/10/23	11/13/23	

Sample Data

Carmona Resources	Project Name:	OXY Flameskimmer State #1	
310 West Wall St. Suite 415	Project Number:	22113-0001	**Reported:**
Midland TX, 79701	Project Manager:	Conner Moehring	11/14/2023 3:03:44PM

CS-11 (0-0.5')

E311059-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2345072
Benzene	ND	0.0250	1	11/08/23	11/10/23	
Ethylbenzene	ND	0.0250	1	11/08/23	11/10/23	
Toluene	ND	0.0250	1	11/08/23	11/10/23	
o-Xylene	ND	0.0250	1	11/08/23	11/10/23	
p,m-Xylene	ND	0.0500	1	11/08/23	11/10/23	
Total Xylenes	ND	0.0250	1	11/08/23	11/10/23	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: Toluene-d8		*99.7 %*	*70-130*	*11/08/23*	*11/10/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2345072
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/23	11/10/23	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: Toluene-d8		*99.7 %*	*70-130*	*11/08/23*	*11/10/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346002
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/23	11/14/23	
Surrogate: n-Nonane		*87.8 %*	*50-200*	*11/13/23*	*11/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2345067
Chloride	ND	20.0	1	11/08/23	11/11/23	

Sample Data

Carmona Resources	Project Name:	OXY Flameskimmer State #1	
310 West Wall St. Suite 415	Project Number:	22113-0001	**Reported:**
Midland TX, 79701	Project Manager:	Conner Moehring	11/14/2023 3:03:44PM

CS-12 (0-0.5')

E311059-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2345072
Benzene	ND	0.0250	1	11/08/23	11/10/23	
Ethylbenzene	ND	0.0250	1	11/08/23	11/10/23	
Toluene	ND	0.0250	1	11/08/23	11/10/23	
o-Xylene	ND	0.0250	1	11/08/23	11/10/23	
p,m-Xylene	ND	0.0500	1	11/08/23	11/10/23	
Total Xylenes	ND	0.0250	1	11/08/23	11/10/23	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: Toluene-d8		*99.6 %*	*70-130*	*11/08/23*	*11/10/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2345072
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/23	11/10/23	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: Toluene-d8		*99.6 %*	*70-130*	*11/08/23*	*11/10/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346002
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/23	11/14/23	
Surrogate: n-Nonane		*96.2 %*	*50-200*	*11/13/23*	*11/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2345067
Chloride	ND	20.0	1	11/08/23	11/11/23	

Sample Data

Carmona Resources	Project Name:	OXY Flameskimmer State #1	
310 West Wall St. Suite 415	Project Number:	22113-0001	**Reported:**
Midland TX, 79701	Project Manager:	Conner Moehring	11/14/2023 3:03:44PM

CS-13 (0-0.5')

E311059-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2345072
Benzene	ND	0.0250	1	11/08/23	11/10/23	
Ethylbenzene	ND	0.0250	1	11/08/23	11/10/23	
Toluene	ND	0.0250	1	11/08/23	11/10/23	
o-Xylene	ND	0.0250	1	11/08/23	11/10/23	
p,m-Xylene	ND	0.0500	1	11/08/23	11/10/23	
Total Xylenes	ND	0.0250	1	11/08/23	11/10/23	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*11/08/23*	*11/10/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2345072
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/23	11/10/23	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*11/08/23*	*11/10/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346002
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/23	11/14/23	
Surrogate: n-Nonane		*98.2 %*	*50-200*	*11/13/23*	*11/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2345067
Chloride	ND	20.0	1	11/08/23	11/11/23	

Sample Data

Carmona Resources	Project Name:	OXY Flameskimmer State #1	
310 West Wall St. Suite 415	Project Number:	22113-0001	**Reported:**
Midland TX, 79701	Project Manager:	Conner Moehring	11/14/2023 3:03:44PM

CS-14 (0-0.5')

E311059-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2345072
Benzene	ND	0.0250	1	11/08/23	11/10/23	
Ethylbenzene	ND	0.0250	1	11/08/23	11/10/23	
Toluene	ND	0.0250	1	11/08/23	11/10/23	
o-Xylene	ND	0.0250	1	11/08/23	11/10/23	
p,m-Xylene	ND	0.0500	1	11/08/23	11/10/23	
Total Xylenes	ND	0.0250	1	11/08/23	11/10/23	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.4 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*11/08/23*	*11/10/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2345072
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/23	11/10/23	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.4 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*11/08/23*	*11/10/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346002
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/23	11/14/23	
Surrogate: n-Nonane		*96.5 %*	*50-200*	*11/13/23*	*11/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2345067
Chloride	ND	20.0	1	11/08/23	11/11/23	

Sample Data

Carmona Resources	Project Name:	OXY Flameskimmer State #1	
310 West Wall St. Suite 415	Project Number:	22113-0001	**Reported:**
Midland TX, 79701	Project Manager:	Conner Moehring	11/14/2023 3:03:44PM

CS-15 (0-0.5')

E311059-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2345072
Benzene	ND	0.0250	1	11/08/23	11/10/23	
Ethylbenzene	ND	0.0250	1	11/08/23	11/10/23	
Toluene	ND	0.0250	1	11/08/23	11/10/23	
o-Xylene	ND	0.0250	1	11/08/23	11/10/23	
p,m-Xylene	ND	0.0500	1	11/08/23	11/10/23	
Total Xylenes	ND	0.0250	1	11/08/23	11/10/23	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.6 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*11/08/23*	*11/10/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2345072
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/23	11/10/23	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.6 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*11/08/23*	*11/10/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346002
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/23	11/14/23	
Surrogate: n-Nonane		*91.2 %*	*50-200*	*11/13/23*	*11/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2345067
Chloride	ND	20.0	1	11/08/23	11/11/23	

Sample Data

Carmona Resources	Project Name:	OXY Flameskimmer State #1	
310 West Wall St. Suite 415	Project Number:	22113-0001	**Reported:**
Midland TX, 79701	Project Manager:	Conner Moehring	11/14/2023 3:03:44PM

CS-16 (0-0.5')

E311059-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2345072
Benzene	ND	0.0250	1	11/08/23	11/10/23	
Ethylbenzene	ND	0.0250	1	11/08/23	11/10/23	
Toluene	ND	0.0250	1	11/08/23	11/10/23	
o-Xylene	ND	0.0250	1	11/08/23	11/10/23	
p,m-Xylene	ND	0.0500	1	11/08/23	11/10/23	
Total Xylenes	ND	0.0250	1	11/08/23	11/10/23	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.1 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*11/08/23*	*11/10/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2345072
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/23	11/10/23	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.1 %*	*70-130*	*11/08/23*	*11/10/23*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*11/08/23*	*11/10/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346002
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/23	11/14/23	
Surrogate: n-Nonane		*97.4 %*	*50-200*	*11/13/23*	*11/14/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2345067
Chloride	ND	20.0	1	11/08/23	11/11/23	

QC Summary Data

Carmona Resources	Project Name:	OXY Flameskimmer State #1	**Reported:**
310 West Wall St. Suite 415	Project Number:	22113-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	11/14/2023 3:03:44PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2345072-BLK1)									Prepared: 11/08/23 Analyzed: 11/10/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.521*		*0.500*		*104*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.506*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.506*		*0.500*		*101*	*70-130*			
LCS (2345072-BS1)									Prepared: 11/08/23 Analyzed: 11/10/23
Benzene	2.15	0.0250	2.50		86.0	70-130			
Ethylbenzene	2.10	0.0250	2.50		83.9	70-130			
Toluene	2.05	0.0250	2.50		82.0	70-130			
o-Xylene	2.06	0.0250	2.50		82.2	70-130			
p,m-Xylene	4.04	0.0500	5.00		80.8	70-130			
Total Xylenes	6.10	0.0250	7.50		81.3	70-130			
Surrogate: Bromofluorobenzene	*0.513*		*0.500*		*103*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.501*		*0.500*		*100*	*70-130*			
Surrogate: Toluene-d8	*0.497*		*0.500*		*99.3*	*70-130*			
Matrix Spike (2345072-MS1)				**Source: E311059-01**					Prepared: 11/08/23 Analyzed: 11/10/23
Benzene	2.50	0.0250	2.50	ND	100	48-131			
Ethylbenzene	2.47	0.0250	2.50	ND	98.9	45-135			
Toluene	2.40	0.0250	2.50	ND	95.9	48-130			
o-Xylene	2.47	0.0250	2.50	ND	98.8	43-135			
p,m-Xylene	4.80	0.0500	5.00	ND	96.1	43-135			
Total Xylenes	7.27	0.0250	7.50	ND	97.0	43-135			
Surrogate: Bromofluorobenzene	*0.517*		*0.500*		*103*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.507*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.492*		*0.500*		*98.3*	*70-130*			
Matrix Spike Dup (2345072-MSD1)				**Source: E311059-01**					Prepared: 11/08/23 Analyzed: 11/10/23
Benzene	2.54	0.0250	2.50	ND	102	48-131	1.49	23	
Ethylbenzene	2.49	0.0250	2.50	ND	99.6	45-135	0.645	27	
Toluene	2.41	0.0250	2.50	ND	96.3	48-130	0.437	24	
o-Xylene	2.49	0.0250	2.50	ND	99.4	43-135	0.646	27	
p,m-Xylene	4.86	0.0500	5.00	ND	97.1	43-135	1.08	27	
Total Xylenes	7.34	0.0250	7.50	ND	97.9	43-135	0.931	27	
Surrogate: Bromofluorobenzene	*0.514*		*0.500*		*103*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.519*		*0.500*		*104*	*70-130*			
Surrogate: Toluene-d8	*0.491*		*0.500*		*98.2*	*70-130*			

QC Summary Data

Carmona Resources	Project Name:	OXY Flameskimmer State #1	**Reported:**
310 West Wall St. Suite 415	Project Number:	22113-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	11/14/2023 3:03:44PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2345072-BLK1)									Prepared: 11/08/23 Analyzed: 11/10/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.521*		*0.500*		*104*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.506*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.506*		*0.500*		*101*	*70-130*			
LCS (2345072-BS2)									Prepared: 11/08/23 Analyzed: 11/10/23
Gasoline Range Organics (C6-C10)	51.8	20.0	50.0		104	70-130			
Surrogate: Bromofluorobenzene	*0.522*		*0.500*		*104*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.497*		*0.500*		*99.3*	*70-130*			
Surrogate: Toluene-d8	*0.494*		*0.500*		*98.8*	*70-130*			
Matrix Spike (2345072-MS2)				**Source: E311059-01**					Prepared: 11/08/23 Analyzed: 11/10/23
Gasoline Range Organics (C6-C10)	50.6	20.0	50.0	ND	101	70-130			
Surrogate: Bromofluorobenzene	*0.533*		*0.500*		*107*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.515*		*0.500*		*103*	*70-130*			
Surrogate: Toluene-d8	*0.500*		*0.500*		*99.9*	*70-130*			
Matrix Spike Dup (2345072-MSD2)				**Source: E311059-01**					Prepared: 11/08/23 Analyzed: 11/10/23
Gasoline Range Organics (C6-C10)	50.2	20.0	50.0	ND	100	70-130	0.757	20	
Surrogate: Bromofluorobenzene	*0.520*		*0.500*		*104*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.516*		*0.500*		*103*	*70-130*			
Surrogate: Toluene-d8	*0.496*		*0.500*		*99.1*	*70-130*			

QC Summary Data

Carmona Resources	Project Name:	OXY Flameskimmer State #1	**Reported:**
310 West Wall St. Suite 415	Project Number:	22113-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	11/14/2023 3:03:44PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2346002-BLK1)									Prepared: 11/13/23 Analyzed: 11/13/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*52.3*		*50.0*		*105*	*50-200*			
LCS (2346002-BS1)									Prepared: 11/13/23 Analyzed: 11/13/23
Diesel Range Organics (C10-C28)	236	25.0	250		94.4	38-132			
Surrogate: n-Nonane	*51.4*		*50.0*		*103*	*50-200*			
Matrix Spike (2346002-MS1)				**Source: E311059-03**					Prepared: 11/13/23 Analyzed: 11/13/23
Diesel Range Organics (C10-C28)	244	25.0	250	ND	97.7	38-132			
Surrogate: n-Nonane	*50.2*		*50.0*		*100*	*50-200*			
Matrix Spike Dup (2346002-MSD1)				**Source: E311059-03**					Prepared: 11/13/23 Analyzed: 11/13/23
Diesel Range Organics (C10-C28)	263	25.0	250	ND	105	38-132	7.45	20	
Surrogate: n-Nonane	*55.7*		*50.0*		*111*	*50-200*			

QC Summary Data

Carmona Resources	Project Name:	OXY Flameskimmer State #1	**Reported:**
310 West Wall St. Suite 415	Project Number:	22113-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	11/14/2023 3:03:44PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2345067-BLK1)									Prepared: 11/08/23 Analyzed: 11/11/23
Chloride	ND	20.0							
LCS (2345067-BS1)									Prepared: 11/08/23 Analyzed: 11/11/23
Chloride	243	20.0	250		97.3	90-110			
Matrix Spike (2345067-MS1)				**Source: E311047-24**					Prepared: 11/08/23 Analyzed: 11/11/23
Chloride	247	20.0	250	ND	98.8	80-120			
Matrix Spike Dup (2345067-MSD1)				**Source: E311047-24**					Prepared: 11/08/23 Analyzed: 11/11/23
Chloride	247	20.0	250	ND	98.7	80-120	0.104	20	

QC Summary Data

Carmona Resources	Project Name:	OXY Flameskimmer State #1	**Reported:**
310 West Wall St. Suite 415	Project Number:	22113-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	11/14/2023 3:03:44PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2345115-BLK1)									Prepared: 11/10/23 Analyzed: 11/13/23
Chloride	ND	20.0							
LCS (2345115-BS1)									Prepared: 11/10/23 Analyzed: 11/13/23
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2345115-MS1)				**Source: E311052-07**					Prepared: 11/10/23 Analyzed: 11/13/23
Chloride	263	20.0	250	ND	105	80-120			
Matrix Spike Dup (2345115-MSD1)				**Source: E311052-07**					Prepared: 11/10/23 Analyzed: 11/13/23
Chloride	261	20.0	250	ND	104	80-120	0.808	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

Carmona Resources	Project Name:	OXY Flameskimmer State #1	
310 West Wall St. Suite 415	Project Number:	22113-0001	**Reported:**
Midland TX, 79701	Project Manager:	Conner Moehring	11/14/23 15:03

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Chain of Custody

Work Order No: E311059
Job # 22113-0001

Project Manager:	Conner Moehring	Bill to: (if different)	Mark Ritchie
Company Name:	Carmona Resources	Company Name:	Silverback Exploration
Address:	310 W Wall St Ste 415	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	mritchie@silverbackexp.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	OXY Flameskimmer State #1	Turn Around	
Project Number:	1228	☑ Routine ☐ Rush	
Project Location	Eddy County, New Mexico	Due Date:	
Sampler's Name:	CRM	Standard TAT	
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_2S0_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	Sample Comments (Lab #)
CS-1 (0-0.5')	11/2/2023		X		Comp	1		X	X	X	1
CS-2 (0-0.5')	11/2/2023		X		Comp	1		X	X	X	2
CS-3 (0-0.5')	11/2/2023		X		Comp	1		X	X	X	3
CS-4 (0-0.5')	11/2/2023		X		Comp	1		X	X	X	4
CS-5 (0-0.5')	11/2/2023		X		Comp	1		X	X	X	5
CS-6 (0-0.5')	11/2/2023		X		Comp	1		X	X	X	6
CS-7 (0-0.5')	11/2/2023		X		Comp	1		X	X	X	7
CS-8 (0-0.5')	11/2/2023		X		Comp	1		X	X	X	8
CS-9 (0-0.5')	11/2/2023		X		Comp	1		X	X	X	9
CS-10 (0-0.5')	11/2/2023		X		Comp	1		X	X	X	10

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Conner Moehring	11/7/23	Michelle Gonzales	11-7-23 1119
Michelle Gonzales	11-7-23 1700	Andrew Mass	11.7.23 1700
Andrew Mass	11.7.23 2400		11/8/23 8:45

Chain of Custody

Work Order No: E311059
Job # 22113-0001

Project Manager:	Conner Moehring	Bill to: (if different)	Mark Ritchie
Company Name:	Carmona Resources	Company Name:	Silverback Exploration
Address:	310 W Wall St Ste 415	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	mritchie@silverbackexp.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	OXY Flameskimmer State #1	Turn Around	
Project Number:	1228	☑ Routine ☐ Rush	
Project Location	Eddy County, New Mexico	Due Date:	
Sampler's Name:	CRM	Standard TAT	
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_2S0_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	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments (Lab #)
CS-11 (0-0.5')	11/2/2023		X		Comp	1	X	X	X	11
CS-12 (0-0.5')	11/2/2023		X		Comp	1	X	X	X	12
CS-13 (0-0.5')	11/2/2023		X		Comp	1	X	X	X	13
CS-14 (0-0.5')	11/2/2023		X		Comp	1	X	X	X	14
CS-15 (0-0.5')	11/2/2023		X		Comp	1	X	X	X	15
CS-16 (0-0.5')	11/2/2023		X		Comp	1	X	X	X	16

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Conner Moehring	11/7/23	Michelle Garcia	11-7-23 1119
Michelle Gonzales	11-7-23 1700	Andrea Mata	11.7.23 1700
Andrea Mata	11.7.23 2400	Marlene	11/8/23 8:45

Envirotech Analytical Laboratory

Printed: 11/8/2023 9:34:41AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	11/08/23 08:45	Work Order ID:	E311059
Phone:	(432) 813-6823	Date Logged In:	11/07/23 15:20	Logged In By:	Jordan Montano
Email:	cmoehring@carmonaresouces.com	Due Date:	11/14/23 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: N/A

Comments/Resolution

Time sampled not provided on COC per client.

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

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

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

CONDITIONS

Action 288790

CONDITIONS

Operator: Silverback Operating II, LLC 19707 IH10 West, Suite 201 San Antonio, TX 78256	OGRID: 330968
	Action Number: 288790
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	None	1/24/2024