

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



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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 32.84601°, 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 32.84601°, - 104.08303° 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.

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 chainof-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**

onner "

Conner Moehring Sr. Project Manager

Devin Dominguez Sr. Project Manager

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













APPENDIX A

CARMONA RESOURCES

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

Sample ID	Date	Denth (ft)		TPH	(mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
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
	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
S-4	"	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	^v 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

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

OID	Dette	Devide (fi)		TPF	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
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
Ű	ry 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.





PHOTOGRAPHIC LOG

Silverback Operating II, LLC



APPENDIX C

CARMONA RESOURCES

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

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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

(NAD 83 in decimal degrees to 5 decimal places)

Site Name Oxy Flameskimmer State #1	Site Type Well and Faclility
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

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)
ause of Release Ligh	tning struck tank battery resulting in fire.	

Page 18 of 123 Received by OCD: 11/28/2023 9:46:27 AM State of New Mexico Form C-141 Incident ID nAPP2226353908 **Oil Conservation Division** Page 2 District RP Facility ID Application ID If YES, for what reason(s) does the responsible party consider this a major release? Was this a major release as defined by Fire involved and >25bbl 19.15.29.7(A) NMAC? Yes 🗌 No 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 _____ Date: 02/02/2023 Signature: Mrt Marhi email: mritchie@silverbackexp.com Telephone: 210-874-2406 **OCD Only** Received by: Date:

Received by OCD: 11/28/2023 9:46:27 AM Form C-141 State of New Mexico

Oil Conservation Division

	Page 19 of 12 :
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.

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Received by OCD: 11/28/2023 9:40 Form C-141	5:27 AM		Page 20 of 123		
			Incident ID		
Page 4	Oil Conservation Division		District RP		
			Facility ID		
			Application ID		
regulations all operators are required public health or the environment. The failed to adequately investigate and re	Tchia Da	ions and perform cc does not relieve the groundwater, surfa onsibility for compl cle:	prrective actions for rele coperator of liability sho ce water, human health iance with any other fee	eases which may endanger ould their operations have or the environment. In deral, state, or local laws	
		·			
OCD Only					
Received by:		Date:			

Received by OCD: 11/28/2023 9:46:27 AM Form C-141 State of New Mexico

Page 6

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.

<u>Closure Report Attachment Checklist</u>: Each of the following in	tems must be included in the closure report.				
A scaled site and sampling diagram as described in 19.15.29.1	1 NMAC				
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	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	C District office must be notified 2 days prior to final sampling)				
Description of remediation activities					
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of	tions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in				
Printed Name:	_ Title:				
Signature:	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: <u>Scott Rodgers</u>	Date: 01/24/2024				
Printed Name: Scott Rodgers	Title:				

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Monday, September 25, 2023 1:30 PM
To: Mark Ritchie <<u>mritchie@silverbackexp.com</u>>
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 <u>Robert.Hamlet@emnrd.nm.gov</u>

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

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Devin Dominguez

From: Sent:	Wells, Shelly, EMNRD <shelly.wells@emnrd.nm.gov> Tuesday, October 31, 2023 11:34 AM</shelly.wells@emnrd.nm.gov>
То:	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

Carmona@carmonaresources.com>; Devin Dominguez <Ddominguez@carmonaresources.com>; Clint Merritt

Subject: [EXTERNALL Silverback
Own Elamockinger State #1
Sampling Notification

Subject: [EXTERNAL] Silverback - Oxy Flameskinner State #1 - Sampling Notification

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

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.

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



APPENDIX D

CARMONA RESOURCES

Received by OCD: 11/28/2023 9:46:27 AM

Silverback Operating

OXY Flameskimmer State #1

76' - Drilled 2012

Released to Imaging: 1/24/2024 3:18:18 PM



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- locitie Radius
- 🌲 2.10 Miles
- NMSEO Water Well

1 mi

OXY Flameskimmer State #1

Received by OCD: 11/28/2023 9:46:27 AM Hign Karst Silverback Operating

CXY Flameskimmer State #1

CReleased to Imaging: 1/24/2024 3:18:18 PM

Legend

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

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(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=N (quarters are smallest to	,	in meters)	(In feet)
POD Number	POD Sub- Code basin Cou	QQQ unty 64 16 4 Sec Tws Ri	ng X Y	· · · · · · · · · · · · · · · · · · ·	Depth Water
RA 11807 POD1	RA E	D 1 2 3 22 17S 29	9E 587360 3631585	5 🌍 3360 131	76 55
			/	Average Depth to Water	: 76 feet
				Minimum Depth	: 76 feet
				Maximum Depth:	: 76 feet
Pecord Count: 1					

Record Count: 1

UTMNAD83 Radius Search (in meters):

Easting (X): 585834

Northing (Y): 3634580

Radius: 4000

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



New Mexico Office of the State Engineer **Point of Diversion Summary**

			(quar	ters are	$1=N^{1}$	W 2=1	NE 3=S	W 4=SE)			
			(qua	rters ar	e sma	llest t	o larges	t)	(NAD83 U	JTM in meters)	
Well Tag	POD	Number	Q64	Q16	Q4	Sec	Tws	Rng	Х	Y	
	RA	11807 POD1	1	2	3	22	17S	29E	587360	3631585 🌍	
× Driller Lic	ense:	1348	Drille	r Con	npar	ıy:	TA	YLOR V	WATER WI	ELL SERVICE	
Driller Na	me:	TAYLOR, CLIN	TON E.								
Drill Start	Date:	11/23/2012	Drill	Finish	Dat	te:	1	1/26/201	12 P	lug Date:	
Log File D	ate:	03/26/2013	PCW	Rcv I	Date	:			S	ource:	Shallow
Pump Type:			Pipe I	Pipe Discharge Size:					Ε	Estimated Yield:	4 GPM
Casing Size: 4.50		Depth	Depth Well:			1	131 feet		epth Water:	76 feet	
X	Wate	er Bearing Stratif	fications:		То	рB	ottom	Desci	ription		
					10	4	128	Other	/Unknown		
х		Casing Per	forations:		То	рB	ottom	l			
					9	1	131				

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

2/3/23 7:49 AM

POINT OF DIVERSION SUMMARY

New Mexico NFHL Data







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

nmflood.org is made possible through a collaboration with NMDHSEM,

APPENDIX E

CARMONA RESOURCES

Received by OCD: 11/28/2023 9:46:27 AM



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

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Eurofins Midland 1211 W. Florida Ave Midland TX 79701





Received by OCD: 11/28/2023 9:46:27 AM

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

RAMER

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

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

Eurofins Midland is a laboratory within Eurofins Environment Testing South Central, LLC, a company within Eurofins Environment Testing Group of Companies

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

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2

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

Job ID: 880-24394-1

SDG: Eddy County, New Mexico

3

Qualifiers GC VOA Qualifier Qualifier Description

GC VOA		
Qualifier	Qualifier Description	
*+	LCS and/or LCSD is outside acceptance limits, high biased.	
S1+	Surrogate recovery exceeds control limits, high biased.	5
U	Indicates the analyte was analyzed for but not detected.	
GC Semi VO	Α.	
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.	8
S1+	Surrogate recovery exceeds control limits, high biased.	
U	Indicates the analyte was analyzed for but not detected.	9
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	40
CFL	Contains Free Liquid	13

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

Project/Site: OXY Flameskimmer State #1

4

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

Job ID: 880-24394-1

Client: Carmona Resources

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 ID: H-1 (0-0.5') Date Collected: 02/06/23 00:00

Client: Carmona Resources

Client Sample Results

Page 37 of 123

5

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

Lab Sample ID: 880-24394-1

Matrix: Solid

Method: SW846 8021B - Volatile (
	-) RL	MDI	11:4		Dremered	Analyzad	Dil Fa
Analyte	- Result	Qualifier		MDL		<u>D</u>	Prepared	Analyzed	
			0.00200		mg/Kg		02/10/23 14:36	02/14/23 07:42	
Toluene	< 0.00200		0.00200		mg/Kg		02/10/23 14:36	02/14/23 07:42	
Ethylbenzene	< 0.00200		0.00200		mg/Kg		02/10/23 14:36	02/14/23 07:42	
m-Xylene & p-Xylene	< 0.00401		0.00401		mg/Kg		02/10/23 14:36	02/14/23 07:42	
o-Xylene	<0.00200 <0.00401		0.00200		mg/Kg		02/10/23 14:36	02/14/23 07:42 02/14/23 07:42	
Xylenes, Total	<0.00401	0	0.00401		mg/Kg		02/10/23 14:36	02/14/23 07.42	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil F
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130				02/10/23 14:36	02/14/23 07:42	
1,4-Difluorobenzene (Surr)	79		70 - 130				02/10/23 14:36	02/14/23 07:42	
Method: TAL SOP Total BTEX - To	otal BTEX Calo	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/14/23 11:45	
Method: SW846 8015 NM - Diesel	Range Organ	ics (DRO) (GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
Total TPH	<49.9	U	49.9		mg/Kg			02/13/23 11:21	
Method: SW846 8015B NM - Dies	ol Pango Orga								
Analyte		Qualifier	(GC) RL	MDL	Unit	D	Prepared	Analyzed	Dil F
Gasoline Range Organics	<49.9		49.9		mg/Kg		02/09/23 17:28	02/12/23 17:59	
(GRO)-C6-C10					5. 5				
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		02/09/23 17:28	02/12/23 17:59	
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/09/23 17:28	02/12/23 17:59	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil F
1-Chlorooctane	65	S1-	70 - 130				02/09/23 17:28	02/12/23 17:59	
p-Terphenyl	60	S1-	70 - 130				02/09/23 17:28	02/12/23 17:59	
Method: EPA 300.0 - Anions, Ion	Chromatogran	hv - Solubl	e						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
Chloride	<5.01	U	5.01		mg/Kg			02/07/23 18:42	
lient Sample ID: H-2 (0-0.5')							Lab Sam	ple ID: 880-2	4394
ate Collected: 02/06/23 00:00								Matri	x: Sol
ate Received: 02/07/23 08:50									
Method: SW846 8021B - Volatile (Organic Comp	ounds (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
2	<0.00199	U	0.00199		mg/Kg		02/10/23 14:36	02/14/23 08:09	
			0.00199		mg/Kg		02/10/23 14:36	02/14/23 08:09	
Benzene	<0.00199	0							
Benzene Foluene	<0.00199 <0.00199		0.00199		mg/Kg		02/10/23 14:36	02/14/23 08:09	
Benzene Toluene Thylbenzene		U			mg/Kg mg/Kg		02/10/23 14:36 02/10/23 14:36	02/14/23 08:09 02/14/23 08:09	
Benzene Toluene Ethylbenzene n-Xylene & p-Xylene	<0.00199	U U	0.00199						
Benzene Toluene Ethylbenzene n-Xylene & p-Xylene o-Xylene	<0.00199 <0.00398	U U U	0.00199 0.00398		mg/Kg		02/10/23 14:36	02/14/23 08:09	
Benzene Toluene Ethylbenzene m-Xylene & p-Xylene p-Xylene Xylenes, Total Surrogate	<0.00199 <0.00398 <0.00199	U U U U	0.00199 0.00398 0.00199		mg/Kg mg/Kg		02/10/23 14:36 02/10/23 14:36	02/14/23 08:09 02/14/23 08:09	Dil I

1,4-Difluorobenzene (Surr)

Eurofins Midland

02/14/23 08:09

02/10/23 14:36

Released to Imaging: 1/24/2024 3:18:18 PM

70 - 130

86

1

Matrix: Solid

Matrix: Solid

5

Client Sample Results

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

Lab Sample ID: 880-24394-2

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

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

Client: Carmona Resources

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 Organi	ics (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 - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		02/09/23 17:28	02/12/23 18:21	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		02/09/23 17:28	02/12/23 18:21	1
C10-C28)									
Oll 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	Chromatograp	hy - Solubl	e						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.75		5.00		mg/Kg			02/07/23 18:47	1

Date Collected: 02/06/23 00:00

Date Received: 02/07/23 08:50

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 Calo	culation							
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 - Dies	el Range Organ	ics (DRO) (C	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 - Die	esel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		02/09/23 17:28	02/12/23 18:44	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		02/09/23 17:28	02/12/23 18:44	1
C10 C28)									

Eurofins Midland

C10-C28)

Matrix: Solid

Client Sample Results

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

Lab Sample ID: 880-24394-3

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

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

Client: Carmona Resources

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 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
Analyte									
Analyte Chloride	<5.00	U	5.00		mg/Kg			02/07/23 18:52	1
Chloride	<5.00	U	5.00		mg/Kg		Lab Sam		1 1 394-4
	<5.00	U	5.00		mg/Kg		Lab Sam	ple ID: 880-24	1 1394-4 k: Solid

Analyto	Rooun	quannor		INDE OF		rioparoa	raiaiyzoa	Birrao	
Benzene	< 0.00200	U	0.00200	m	ıg/Kg	 02/10/23 14:36	02/14/23 09:02	1	ī
Toluene	<0.00200	U	0.00200	m	ig/Kg	02/10/23 14:36	02/14/23 09:02	1	
Ethylbenzene	<0.00200	U	0.00200	m	ıg/Kg	02/10/23 14:36	02/14/23 09:02	1	Ē
m-Xylene & p-Xylene	<0.00399	U	0.00399	m	ig/Kg	02/10/23 14:36	02/14/23 09:02	1	
o-Xylene	<0.00200	U	0.00200	m	ıg/Kg	02/10/23 14:36	02/14/23 09:02	1	
Xylenes, Total	<0.00399	U	0.00399	m	ıg/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		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	<50.0	U	50.0		mg/Kg		02/09/23 17:28	02/12/23 19:06	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		02/09/23 17:28	02/12/23 19:06	1
C10-C28)									
Oll 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	Chromatograp	ohy - Solubl	e						
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

Prep Type: Total/NA

Prep Type: Total/NA

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

Method: 8021B - Volatile Organic Compounds (GC) Matrix: Solid

				Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1		
Lab Sample ID	Client Sample ID	(70-130)	(70-130)		Ę
880-24394-1	H-1 (0-0.5')	133 S1+	79		
880-24394-2	H-2 (0-0.5')	132 S1+	86		6
880-24394-3	H-3 (0-0.5')	87	98		- 22
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		6
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-Bromofluorober DFBZ = 1,4-Difluorobenz					

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

Matrix: Solid

				Percent Surrogate Recovery (Acceptance Limits
		1CO1	OTPH1	
ab Sample ID	Client Sample ID	(70-130)	(70-130)	
80-24394-1	H-1 (0-0.5')	65 S1-	60 S1-	
80-24394-2	H-2 (0-0.5')	72	68 S1-	
80-24394-3	H-3 (0-0.5')	68 S1-	66 S1-	
80-24394-4	H-4 (0-0.5')	63 S1-	59 S1-	
90-4048-A-4-C MS	Matrix Spike	67 S1-	61 S1-	
0-4048-A-4-D MSD	Matrix Spike Duplicate	80	74	
CS 880-45929/2-A	Lab Control Sample	129	108	
SD 880-45929/3-A	Lab Control Sample Dup	138 S1+	124	
B 880-45929/1-A	Method Blank	75	74	

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-46010/5 Matrix: Solid Analysis Batch: 46086	ј-А МВ	МВ					Client Sa	mple ID: Metho Prep Type: ٦ Prep Batch	Total/NA
Analyte		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
	МВ	МВ							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 _ 130				02/10/23 14:32	02/13/23 12:26	1

85

									•		
1,4	Dif	luc	orc	b	eı	nze	ne	(S	u	rr)	

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

Analysis Batch: 46086

Spi	ike LCS	S LCS				%Rec
Analyte Add	ed Resu	t Qualifier	Unit	D	%Rec	Limits
Benzene 0.1	00 0.134	5 *+	mg/Kg		135	70 - 130
Toluene 0.1	00 0.136	3 *+	mg/Kg		136	70 - 130
Ethylbenzene 0.1	00 0.141	5 *+	mg/Kg		141	70 - 130
m-Xylene & p-Xylene 0.2	00 0.282	3 *+	mg/Kg		141	70 - 130
o-Xylene 0.1	00 0.141	5 *+	mg/Kg		141	70 - 130

70 - 130

	LCS	LCS	
Surrogate	%Recovery	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							Prep	Batch:	46010
	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

	LCSD	LCSD	
Surrogate	%Recovery	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									Prep	Batch:	46010
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

Eurofins Midland

Prep Type: Total/NA

1

02/13/23 12:26

Prep Type: Total/NA

Prep Type: Total/NA

Prep Batch: 46010

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

Client Sample ID: Matrix Spike Duplicate

02/10/23 14:32

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)

Matrix: Solid Analysis Batch: 46086 MB MB Analyte Result Qualifier RL MDL Unit D Prepared Benzene <0.00200 0 0.00200 mg/Kg 02/10/23 14:36 Toluene <0.00200 U 0.00200 mg/Kg 02/10/23 14:36 Ethylbenzene <0.00200 U 0.00200 mg/Kg 02/10/23 14:36 m-Xylene & p-Xylene <0.00400 U 0.00200 mg/Kg 02/10/23 14:36 o-Xylene & p-Xylene <0.00400 U 0.00400 mg/Kg 02/10/23 14:36 Xylenes, Total <0.00400 U 0.00400 mg/Kg 02/10/23 14:36 Xylenes, Total <0.00400 U 0.00400 mg/Kg 02/10/23 14:36 Surrogate %Recovery Qualifier Limits 02/10/23 14:36 02/10/23 14:36 Lab Sample ID: LCS 880-46012/1-A Kecovery Qualifier LS LCS LCS Matrix: Solid Analysis Batch: 46086 Result Qualifier	: Matrix Spike D Prep Type: 1	
Analyte Result Qualifier Added Result Qualifier Unit D %Rec Entytenzene <0.00202 U+ 0.0996 0.1137 mg/Kg 114 mxXgene & p.Xylene <0.00202 U+ 0.0996 0.1137 mg/Kg 114 mxXgene & p.Xylene <0.00202 U+ 0.0996 0.1137 mg/Kg 114 Surrogate %Recovery Qualifier Limits -	Prep Batch	h: 46010
Bit Memory Colored Display U + + 0.0996 0.1137 mg/Kg 114 -xVylene <0.00202 U + + 0.199 0.2295 mg/Kg 115 -xVylene <0.00202 U + + 0.0996 0.1137 mg/Kg 114 -xVylene <0.00202 U + + 0.0996 0.1137 mg/Kg 114 -xVylene <0.00202 U + + 0.0996 0.1137 mg/Kg 114 -xVylene <0.00202 U + + 0.0996 0.1137 mg/Kg 114 -xVylene <0.00201 U + 0.0996 0.1137 mg/Kg 114 -xVylene <0.00201 U + 70.130 Lab Sample ID: MB 880-46012/5-A MB MB	%Rec	RPI
m:Xylene <0.00404 U*+ 0.199 0.2295 mgKg 115 o-Xylene <0.00202 U'+ 0.0996 0.1137 mgKg 114 MSD MSD Surragate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 95 70.130 Client Sa 1.4-Difluorobenzene (Surr) 95 70.130 D Prepared Analysis Batch: 46086 MB MB MSD MDL Unit D Prepared Strogate <0.00200 U 0.00200 mgKg 02/10/23 14:36 Childene <0.00200 0 0.00200 mgKg 02/10/23 14:36 Toluene <0.00200 0 0.00200 mgKg 02/10/23 14:36 Sylenes, Total <0.00400 U 0.00400 mgKg 02/10/23 14:36 Surrogate <%Recovery Qualifier Limits Prepared 4/Bromofluorobenzene (Surr) 93 70.130 02/10/23 14:36 02/10/23 14:36 Surrogate <%Recovery Qualifier Limits 02	Limits RPD	D Limi
s-xylene <0.00202 U*+ 0.0996 0.1137 mg/Kg 114 MSD MSD Surrogate %Recovery Qualifier Limits 1,4-Difluorobenzene (Surr) 95 70.130 Lab Sample ID: MB 880-46012/5-A Matrix: Solid Analyte Result Qualifier Result Qualifier 0 Genzene 0.00200 U 0.00200 mg/Kg 02/10/23 14.36 Client Sample ID: MB 880-46012/5-A Matrix: Solid Analyte Result Qualifier 0 Client Sample ID: MB 880-46012/5-A Matrix: Solid Analyte 0.00200 U 0.00200 mg/Kg 02/10/23 14.36 Thylene & 0-00200 U 0.00200 mg/Kg 02/10/23 14.36 Thylene & 0-00200 U 0.00200 mg/Kg 02/10/23 14.36 Sylenes, Total 0.00200 U 0.00200 mg/Kg 02/10/23 14.36 Surrogate %Recovery Qualifier Limits HB MB Surrogate 0.00200 U 0.00400 mg/Kg 02/10/23 14.36 Surrogate 0.00200 U 0.00400 mg/Kg 02/10/23 14.36 Client Sample ID: LCS 880-46012/1-A Matrix: Solid Analysis Batch: 46086 Analyte 0.0010 0.1130 mg/Kg 113 Client Sample II Lab Sample ID: LCS 880-46012/1-A Matrix: Solid Analysis Batch: 46086 Analyte 0.0010 0.1130 mg/Kg 113 Surrogate 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.00000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.000000	70 - 130 2	2 3
MSD MSD Surrogate *Recovery Qualifier Limits 4-Bromofuluarobenzene (Surr) 144 51+ 70-130 1,4-Difluarobenzene (Surr) 95 70-130 Client Sa Matrix: Solid Analysis Batch: 46086 MB Client Sa Analysis Batch: 46086 MB MB Analysis Batch: 46086 D Prepared Surrogate Result Qualifier RL MDL Unit D Prepared Foluene 0.00200 0.00200 mg/Kg 02/10/23 14:36 Surrogate 0.00200 U 0.00200 mg/Kg 02/10/23 14:36 Sylene & p-Xylene <0.00200	70 - 130 2	2 3
Surrogate %Recovery Qualifier Limits 4-Bromofiluorobenzene (Surr) 144 57+ 70-130 1,4-Difluorobenzene (Surr) 95 70-130 Client Sa Matrix: Solid Analyte Result Qualifier RL MDL Unit D Prepared Genzene <0.00200	70 - 130	1 3
Surrogate %Recovery Qualifier Limits 4-Brondhuarobenzene (Surr) 144 S1+ 70.130 1,4-Difluorobenzene (Surr) 95 70.130 Client Sa Matrix: Solid Analyte Result Qualifier RL MDL Unit D Prepared Genzene <0.00200		
Histomofluorobenzene (Surr) 144 S1+ 70 - 130 1,4-Difluorobenzene (Surr) 95 70 - 130 Lab Sample ID: MB 880-46012/5-A Client Sa Matrix: Solid Analysis Batch: 46086 MB Analyte Result Qualifier RL Senzene <0.00200		
1,4-Difluorobenzene (Surr) 95 70.130 Client Sample ID: MB 880-46012/5-A Matrix: Solid Analysis Batch: 46086 MB MB Analysis Batch: 46086 Ethylbenzene <0.00200		
Matrix: Solid Analysis Batch: 46086 MB Analyte Result Qualifier RL MDL Unit D Prepared Benzene <0.00200		
Matrix: Solid Analysis Batch: 46086 MB Analyte Result Qualifier RL MDL Unit D Prepared Benzene <0.00200	ample ID: Metho	od Blan
Malysis Batch: 46086 MB MB Analyte Result Qualifier RL MDL Unit D Prepared Benzene <0.00200	Prep Type: 1	
MB MB Analyte Result Qualifier RL MDL Unit D Prepared Benzene <0.00200	Prep Batch	
Benzene <0.00200 U 0.00200 mg/kg 02/10/23 14:36 Toluene <0.00200		
Benzene <0.00200 U 0.00200 mg/Kg 02/10/23 14:36 Toluene <0.00200	Analyzed	Dil Fa
Toluene < 0.00200 U 0.00200 mg/Kg 02/10/23 14:36 Ethylbenzene < 0.00200		
Ethylbenzene <0.00200 U 0.00200 mg/kg 02/10/23 14:36 m-Xylene & p-Xylene <0.00400	02/14/23 01:37	
Markylene & p-Xylene <0.00400 U 0.00400 mg/Kg 02/10/23 14:36 b-Xylene <0.00200		
Sylene < 0.00200 U 0.00200 mg/Kg 02/10/23 14:36 Kylenes, Total < 0.00400 U 0.00400 mg/Kg 02/10/23 14:36 Surrogate %Recovery Qualifier Limits Prepared 4-Bromofluorobenzene (Surr) 93 70.130 02/10/23 14:36 1,4-Difluorobenzene (Surr) 82 70.130 02/10/23 14:36 Analysis Batch: 46086 Spike LCS LCS LCS LCS LCS LCS Macroscol 113 Sthelence 0.100 0.1100 0.1122 mg/Kg 113 113 Sthelence 0.200 0.2259 mg/Kg 113 Strongate %Recovery Qualifier Limits 0.100 0.1122 mg/Kg 113 Stylene 0.200 0.2259 mg/Kg 113 Stylene 0.100 0.1169 mg/Kg 113 >>Xylene 0.100 0.1169 mg/Kg 113 >>Xylene 87 70.130 70.130 70.130 1,4-Difluorobenzene (Surr) <		
Kylenes, Total < 0.00400 U 0.00400 mg/Kg 02/10/23 14:36 MB MB MB MB MB Prepared Surrogate %Recovery Qualifier Limits Prepared 4-Bromofluorobenzene (Surr) 93 70.130 02/10/23 14:36 1,4-Difluorobenzene (Surr) 82 70.130 02/10/23 14:36 Lab Sample ID: LCS 880-46012/1-A Client Sample ID Client Sample ID Matrix: Solid Analyte Added Result Qualifier Unit D %Rec Sense 0.100 0.1130 mg/Kg 113 113 Benzene 0.100 0.1122 mg/Kg 113 Ethylbenzene 0.100 0.1122 mg/Kg 113 Surrogate 0.200 0.2259 mg/Kg 113 Surrogate %Recovery Qualifier Limits 0.100 0.1169 mg/Kg 113 Surrogate %Recovery Qualifier Limits 0.100 0.1169 mg/Kg 117 LCS LCS		
MB MB MB Surrogate %Recovery Qualifier Limits 02/10/23 14:36 4-Bromofiluorobenzene (Surr) 93 70 - 130 02/10/23 14:36 1,4-Difluorobenzene (Surr) 82 70 - 130 02/10/23 14:36 Lab Sample ID: LCS 880-46012/1-A Client Sample ID Matrix: Solid Analysis Batch: 46086 Client Sample ID Analysis Batch: 46086 Spike LCS LCS Analyte 0.100 0.1059 mg/Kg 113 Benzene 0.100 0.1130 mg/Kg 112 Toluene 0.100 0.1122 mg/Kg 113 Ethylbenzene 0.200 0.2259 mg/Kg 113 m-Xylene & p-Xylene 0.100 0.1169 mg/Kg 117 LCS LCS Strrogate %Recovery Qualifier Limits 4-Bromofiluorobenzene (Surr) 134 S1+ 70 - 130 140 117		
Surrogate%RecoveryQualifierLimitsPrepared4-Bromofluorobenzene (Surr)9370 - 13002/10/23 14:361.4-Difluorobenzene (Surr)8270 - 13002/10/23 14:36Lab Sample ID: LCS 880-46012/1-AClient Sample IDMatrix: SolidAnalysis Batch: 46086SpikeLCSAnalyteAddedResultQualifierUnitD%Recovery0.1000.1059mg/Kg113Benzene0.1000.1130mg/Kg113Toluene0.1000.1122mg/Kg112m-Xylene & p-Xylene0.2000.2259mg/Kg113o-Xylene0.1000.1169mg/Kg113t-LCSLCSLCSLCS1144-Bromofluorobenzene (Surr)134S1+70 - 1301.4-Difluorobenzene (Surr)8770 - 130130	02,11,20 01.01	
4-Bromofluorobenzene (Surr) 93 70 - 130 02/10/23 14:36 1,4-Difluorobenzene (Surr) 82 70 - 130 02/10/23 14:36 Lab Sample ID: LCS 880-46012/1-A Client Sample ID Matrix: Solid Analysis Batch: 46086 Analyte Added Result Qualifier Unit D %Rec Benzene 0.100 0.1059 mg/Kg 113 Toluene 0.100 0.1122 mg/Kg 112 m-Xylene & p-Xylene 0.200 0.2259 mg/Kg 113 o-Xylene LCS LCS LCS Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 134 S1+ 70 - 130 130 117	Analyzed	Dil Fa
1,4-Difluorobenzene (Surr) 82 70 - 130 02/10/23 14:36 Lab Sample ID: LCS 880-46012/1-A Client Sample II Matrix: Solid Analysis Batch: 46086 Client Sample II Analyte Added Result Qualifier Unit D %Rec Benzene 0.100 0.1059 mg/Kg 106 Toluene 0.100 0.1130 mg/Kg 113 Ethylbenzene 0.200 0.2259 mg/Kg 113 o-Xylene 0.100 0.1169 mg/Kg 113 LCS LCS LCS Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 134 S1+ 70 - 130 130 117		
Matrix: Solid Analysis Batch: 46086 Spike LCS LCS Analyte Added Result Qualifier Unit D %Rec Benzene 0.100 0.1059 mg/Kg 106		
Matrix: Solid Analysis Batch: 46086 Spike LCS LCS Analyte Added Result Qualifier Unit D %Rec Benzene 0.100 0.1059 mg/Kg 106	ID: Lab Control	Sample
Analysis Batch: 46086 Spike LCS LCS Analyte Added Result Qualifier Unit D %Rec Benzene 0.100 0.1059 mg/Kg 106 Toluene 0.100 0.1130 mg/Kg 113 Ethylbenzene 0.100 0.1122 mg/Kg 112 m-Xylene & p-Xylene 0.200 0.2259 mg/Kg 113 c-Xylene 0.100 0.1169 mg/Kg 117 LCS LCS LCS LCS LCS 117 ABromofiluorobenzene (Surr) 134 S1+ 70-130 130 117 14-Difluorobenzene (Surr) 87 70-130 130 117 117	Prep Type: 1	
Spike LCS LCS Analyte Added Result Qualifier Unit D %Rec Benzene 0.100 0.1059 mg/Kg 106 Toluene 0.100 0.1130 mg/Kg 113 Ethylbenzene 0.100 0.1122 mg/Kg 113 m-Xylene & p-Xylene 0.200 0.2259 mg/Kg 113 o-Xylene 0.100 0.1169 mg/Kg 117 LCS LCS LCS Surrogate Ng/Kg 117 4-Bromofluorobenzene (Surr) 134 S1+ 70 - 130 70 - 130 70 - 130	Prep Batch	
Benzene 0.100 0.1059 mg/Kg 106 Toluene 0.100 0.1130 mg/Kg 113 Ethylbenzene 0.100 0.1122 mg/Kg 113 m-Xylene & p-Xylene 0.200 0.2259 mg/Kg 113 p-Xylene 0.100 0.1169 mg/Kg 113 LCS LCS LCS Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 134 S1+ 70 - 130 130 130	%Rec	
Toluene 0.100 0.1130 mg/Kg 113 Ethylbenzene 0.100 0.1122 mg/Kg 112 m-Xylene & p-Xylene 0.200 0.2259 mg/Kg 113 p-Xylene 0.100 0.1169 mg/Kg 113 p-Xylene 0.100 0.1169 mg/Kg 117 LCS LCS Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 134 S1+ 70 - 130 1,4-Difluorobenzene (Surr) 87 70 - 130	Limits	
Ethylbenzene 0.100 0.1122 mg/Kg 112 m-Xylene & p-Xylene 0.200 0.2259 mg/Kg 113 o-Xylene 0.100 0.1169 mg/Kg 117 LCS LCS Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 134 S1+ 70 - 130 1,4-Difluorobenzene (Surr) 87 70 - 130	70 - 130	
Ethylbenzene 0.100 0.1122 mg/Kg 112 m-Xylene & p-Xylene 0.200 0.2259 mg/Kg 113 o-Xylene 0.100 0.1169 mg/Kg 117 LCS LCS Surrogate %Recovery Qualifier Limits 4-Bromofiluorobenzene (Surr) 134 S1+ 70 - 130 1,4-Difluorobenzene (Surr) 87 70 - 130	70 - 130	
m-Xylene & p-Xylene 0.200 0.2259 mg/Kg 113 o-Xylene 0.100 0.1169 mg/Kg 117 LCS LCS LCS 117 Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 134 S1+ 70 - 130 1,4-Difluorobenzene (Surr) 87 70 - 130	70 - 130	
b-Xylene 0.100 0.1169 mg/Kg 117 LCS LCS LCS LCS 117 Surrogate %Recovery Qualifier Limits 117 4-Bromofluorobenzene (Surr) 134 S1+ 70 - 130 117 1,4-Difluorobenzene (Surr) 87 70 - 130 117	70 - 130	
Surrogate%RecoveryQualifierLimits4-Bromofluorobenzene (Surr)134S1+70 - 1301,4-Difluorobenzene (Surr)8770 - 130	70 - 130	
4-Bromofluorobenzene (Surr) 134 S1+ 70 - 130 1,4-Difluorobenzene (Surr) 87 70 - 130		
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: La		
	.ab Control Sam	ple Du
Matrix: Solid	Prep Type: 1	Total/N
Analysis Batch: 46086	Prep Batch	h: 4601 2
Spike LCSD LCSD	%Rec	RPI
Analyte Added Result Qualifier Unit D %Rec	Limits RPD	D Limi

Eurofins Midland

Client: Carmona Resources

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

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

Lab Sample ID: LCSD 880-46	012/2-A							Cli	ent	Sam	ple ID: L	ab Control		
Matrix: Solid												Prep Ty	pe: To	otal/N/
Analysis Batch: 46086												Prep I	Batch:	4601
				Spike	LCSD	LCS	D					%Rec		RP
Analyte				Added	Result	Qua	lifier	Unit		D	%Rec	Limits	RPD	Limi
o-Xylene				0.100	0.1105			mg/Kg			111	70 - 130	6	3
	LCSD	LCS	D											
Surrogate	%Recovery	Qua	lifier	Limits										
4-Bromofluorobenzene (Surr)	140	S1+		70 - 130										
1,4-Difluorobenzene (Surr)	85			70 - 130										
Lab Sample ID: 890-4037-A-1	-F MS										Client	Sample ID:	Matrix	Spik
Matrix: Solid												Prep Ty		
Analysis Batch: 46086												Prep I	-	
	Sample	Sam	ple	Spike	MS	MS						%Rec		
Analyte	Result			Added	Result		lifier	Unit		D	%Rec	Limits		
Benzene	< 0.00201	-		0.100	0.08259			mg/Kg			82	70 - 130		
Toluene	<0.00201			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		
	MS	мs												
Surrogate	%Recovery	Qua	lifier	Limits										
4-Bromofluorobenzene (Surr)	116			70 - 130										
1,4-Difluorobenzene (Surr)	81			70 - 130										
lethod: 8015B NM - Dies	el Range O	raar	nice (DE	20) (GC)										
	ci italige o	gui												
Lab Sample ID: MB 880-4592	9/1-A										Client Sa	ample ID: N		
Matrix: Solid												Prep Ty		
Analysis Batch: 46067												Prep I	Batch:	4592
			MB											
Analyte			Qualifier	R		MDL			<u>D</u>		epared	Analyze		Dil Fa
Gasoline Range Organics	•	<50.0	U	50.	U		mg/Kg			02/09)/23 17:28	02/12/23 09	9:44	
(GRO)-C6-C10			U	50.	0		mg/Kg			02/09)/23 17:28	02/12/23 09	9:44	
(GRO)-C6-C10 Diesel Range Organics (Over		<50.0	0							00/00	100 17.00	00/40/00 0/	0.44	
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28)		<50.0 <50.0		50.	0		mg/Kg			02/09	/23 17:28	02/12/23 09	5.44	
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28)		<50.0		50.	0		mg/Kg			02/09	//23 17.20	02/12/23 0	5.44	
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate		<50.0 <i>MB</i>	U <i>MB</i>	Limits	0		mg/Kg			Pr	epared	Analyze	d	Dil Fa
(GRO)-C6-C10		<50.0	U <i>MB</i>		0		mg/Kg			Pr		Analyze	d	Dil Fa

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

man			
Ana	lycic	Patch	46067

Analysis Batch: 46067							Prep	Batch: 45929
	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	936.7		mg/Kg		94	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	847.8		mg/Kg		85	70 - 130	
C10-C28)								

Prep Type: Total/NA

QC Sample Results

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

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

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

Analysis Batch: 46067 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane	Result <50.0 <50.0	Qualifier U F1 F2 U F1 MSD Qualifier	Added 997 997 <u>Limits</u> 70 - 130		Qualifier F1 F2 U F1	_ Unit mg/Kg mg/Kg	<u> </u>	-0.1	Limits 70 - 130 70 - 130	69 1	Limit 20 20
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <50.0 <50.0 MSD	U F1 F2 U F1 <i>MSD</i>	997	52.93	F1 F2	mg/Kg	<u> </u>	0.8	70 - 130	69	20
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <50.0 <50.0	U F1 F2	997	52.93	F1 F2	mg/Kg	<u>D</u>	0.8	70 - 130	69	20
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <50.0	U F1 F2	997	52.93	F1 F2	mg/Kg	D	0.8	70 - 130	69	20
Analyte Gasoline Range Organics (GRO)-C6-C10	Result <50.0	U F1 F2	997	52.93	F1 F2	mg/Kg	D	0.8	70 - 130	69	20
Analyte Gasoline Range Organics	Result						<u> </u>				
	-	Qualifier				Unit	D	%Rec	Limits	RPD	Limit
Analysis Batch: 46067	Sample										
Analysis Batch: 46067		Sample	Spike	MSD	MSD				%Rec		RPD
									Prep	Batch:	45929
Matrix: Solid									Prep 1	Type: Tot	tal/NA
Lab Sample ID: 890-4048-A-	4-D MSD					Cli	ent Sa	ample IC): Matrix Sp		
-											
o-Terphenyl	61		70 - 130								
1-Chlorooctane	67	S1-	70 - 130								
Surrogate	%Recovery	Qualifier	Limits								
	MS	MS									
C10-C28)											
Diesel Range Organics (Over	<50.0	U F1	998	<49.9	U F1	mg/Kg		-0.1	70 - 130		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1 F2	998	<49.9	U F1	mg/Kg		-2	70 - 130		
Analyte		Qualifier	Added		Qualifier	Unit	<u>D</u>	%Rec	Limits		
	Sample	-	Spike		MS				%Rec		
Analysis Batch: 46067										Batch:	45929
Matrix: Solid									Prep 1	Type: To	tal/NA
Lab Sample ID: 890-4048-A-	4-C MS							Client	Sample ID		
o-Terphenyl	124		70 - 130								
1-Chlorooctane		S1+	70 - 130								
Surrogate	%Recovery	Qualifier	Limits								
	LCSD	LCSD									
C10-C28)						5.5					_0
Diesel Range Organics (Over			1000	959.5		mg/Kg		96	70 - 130	12	20
Gasoline Range Organics (GRO)-C6-C10			1000	1047		mg/Kg		105	70 - 130	11	20
Analyte			Added		Qualifier	Unit	D	%Rec	Limits	RPD	Limit
			Spike		LCSD				%Rec		RPD
Analysis Batch: 46067									Prep	Batch:	45929
Matrix: Solid									Prep 1	Type: To	tal/NA
Lab Sample ID: LCSD 880-4	5929/3-A					Clier	nt Sam	ple ID:	Lab Contro	I Sample	e Dup
	100		10 - 130								
1-Chlorooctane o-Terphenyl	129 108		70 ₋ 130 70 ₋ 130								
Surrogate	%Recovery	Qualifier	Limits								
•		LCS									
Analysis Batch: 46067										Duton	10020
Analysis Batch: 46067										Batch:	
							onem	Jampie	ID: Lab Co	Type: To	-
Lab Sample ID: LCS 880-459 Matrix: Solid											

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										CI	ent S	ample ID:	Method	Blank
Matrix: Solid													Type: S	
Analysis Batch: 45712													.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
· · · · · · · · · · · · · · · · · · ·		МВ МВ												
Analyte	R	esult Qualifier		RL		MDL	Unit		D	Prep	ared	Analy	zed	Dil Fac
Chloride	<	5.00 U		5.00			mg/Kg	J				02/07/23	17:32	1
- Lab Sample ID: LCS 880-45664/2-A	•								Clie	nt Sa	mple	ID: Lab C	ontrol S	ample
Matrix: Solid												Prep	Type: S	oluble
Analysis Batch: 45712														
			Spike		LCS	LCS						%Rec		
Analyte			Added	F	Result	Quali	fier	Unit	0) %	Rec	Limits		
Chloride			250		256.7			mg/Kg			103	90 - 110		
Lab Sample ID: LCSD 880-45664/3	-A							Cli	ent Sa	mple	ə ID: L	_ab Contro	ol Sampl	le Dup
Matrix: Solid												Prep	Type: S	oluble
Analysis Batch: 45712														
			Spike		LCSD	LCSE)					%Rec		RPD
Analyte			Added	F	Result	Quali	fier	Unit	0) %	Rec	Limits	RPD	Limit
Chloride			250		241.6			mg/Kg			97	90 - 110	6	20
Lab Sample ID: 880-24394-3 MS											Clier	nt Sample	ID: H-3 (0-0.5')
Matrix: Solid												Prep	Type: S	oluble
Analysis Batch: 45712														
	Sample	Sample	Spike		MS	MS						%Rec		
Analyte	Result	Qualifier	Added	F	Result	Quali	fier	Unit	0) %	Rec	Limits		
Chloride	<5.00	U	250		249.1			mg/Kg			99	90 - 110		
Lab Sample ID: 880-24394-3 MSD											Clier	nt Sample	ID: H-3 (0-0.5')
Matrix: Solid													Type: S	
Analysis Batch: 45712														
	Sample	Sample	Spike		MSD	MSD						%Rec		RPD
Analyte	Result	Qualifier	Added	F	Result	Quali	fier	Unit	0) %	Rec	Limits	RPD	Limit
Chloride	<5.00		250		239.4			mg/Kg			95	90 - 110	4	20

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QC Association Summary

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

GC VOA

Prep Batch: 46010

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

Client Sample ID

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch	
MB 880-46010/5-A	Method Blank	Total/NA	Solid	5035		E
LCS 880-46010/1-A	Lab Control Sample	Total/NA	Solid	5035		Э
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		8
880-24394-2	H-2 (0-0.5')	Total/NA	Solid	5035		
880-24394-3	H-3 (0-0.5')	Total/NA	Solid	5035		9
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 880-24394-1	Client Sample ID	Prep Type	Matrix	Method	Prep Batch	13
	MB 880-46010/5-A LCS 880-46010/1-A LCSD 880-46010/2-A 890-4031-A-21-H MSD Prep Batch: 46012 Lab Sample ID 880-24394-1 880-24394-2 880-24394-3 880-24394-3 880-24394-4 MB 880-46012/5-A LCS 880-46012/1-A LCSD 880-46012/2-A 890-4037-A-1-F MS Analysis Batch: 46086	MB 880-46010/5-A Method Blank LCS 880-46010/1-A Lab Control Sample LCSD 880-46010/2-A Lab Control Sample Dup 890-4031-A-21-H MSD Matrix Spike Duplicate Prep Batch: 46012 Client Sample ID 880-24394-1 H-1 (0-0.5') 880-24394-2 H-2 (0-0.5') 880-24394-3 H-3 (0-0.5') 880-24394-4 H-4 (0-0.5') MB 880-46012/5-A Method Blank LCS 880-46012/1-A Lab Control Sample LCS 880-46012/2-A Lab Control Sample Matrix Spike Matrix Spike Analysis Batch: 46086 Client Sample ID Lab Sample ID Client Sample ID 880-24394-1 H-1 (0-0.5')	MB 880-46010/5-AMethod BlankTotal/NALCS 880-46010/1-ALab Control SampleTotal/NALCSD 880-46010/2-ALab Control Sample DupTotal/NA890-4031-A-21-H MSDMatrix Spike DuplicateTotal/NAPrep Batch: 46012Lab Sample IDClient Sample ID880-24394-1H-1 (0-0.5')Total/NA880-24394-2H-2 (0-0.5')Total/NA880-24394-3H-3 (0-0.5')Total/NA880-24394-4H-4 (0-0.5')Total/NA880-24394-4H-4 (0-0.5')Total/NA880-24394-4H-4 (0-0.5')Total/NA880-24394-4H-4 (0-0.5')Total/NA880-24394-4H-4 (0-0.5')Total/NA880-24394-4H-4 (0-0.5')Total/NAMB 880-46012/1-ALab Control SampleTotal/NALCS 880-46012/2-ALab Control SampleTotal/NALCS 880-46012/2-ALab Control Sample DupTotal/NA890-4037-A-1-F MSMatrix SpikeTotal/NAAnalysis Batch: 46086Elient Sample IDPrep Type880-24394-1H-1 (0-0.5')Total/NA	MB 880-46010/5-AMethod BlankTotal/NASolidLCS 880-46010/1-ALab Control SampleTotal/NASolidLCS 880-46010/2-ALab Control Sample DupTotal/NASolid890-4031-A-21-H MSDMatrix Spike DuplicateTotal/NASolidPrep Batch: 46012Lab Sample IDClient Sample IDPrep TypeMatrix880-24394-1H-1 (0-0.5')Total/NASolid880-24394-2H-2 (0-0.5')Total/NASolid880-24394-3H-3 (0-0.5')Total/NASolid880-24394-4H-4 (0-0.5')Total/NASolid880-24394-4H-4 (0-0.5')Total/NASolid880-24394-4H-4 (0-0.5')Total/NASolid880-24394-4H-4 (0-0.5')Total/NASolid880-24394-4H-4 (0-0.5')Total/NASolid880-24394-4H-4 (0-0.5')Total/NASolid880-24012/1-ALab Control SampleTotal/NASolidLCS 880-46012/2-ALab Control Sample DupTotal/NASolid890-4037-A-1-F MSMatrix SpikeTotal/NASolidAnalysis Batch: 46086Katix SpikeTotal/NASolidLab Sample IDClient Sample IDPrep TypeMatrix Total/NA80-24394-1H-1 (0-0.5')Total/NASolid	MB 880-46010/5-AMethod BlankTotal/NASolid5035LCS 880-46010/1-ALab Control SampleTotal/NASolid5035LCSD 880-46010/2-ALab Control Sample DupTotal/NASolid5035890-4031-A-21-H MSDMatrix Spike DuplicateTotal/NASolid5035Prep Batch: 46012Lab Sample IDClient Sample IDPrep TypeMatrixMethod880-24394-1H-1 (0-0.5')Total/NASolid5035880-24394-2H-2 (0-0.5')Total/NASolid5035880-24394-3H-3 (0-0.5')Total/NASolid5035880-24394-4H-4 (0-0.5')Total/NASolid5035880-24394-4H-4 (0-0.5')Total/NASolid5035LCS 880-46012/5-AMethod BlankTotal/NASolid5035LCS 880-46012/2-ALab Control SampleTotal/NASolid5035LCSD 880-46012/2-ALab Control SampleTotal/NASolid5035LCSD 880-46012/2-ALab Control SampleTotal/NASolid5035LCSD 880-46012/2-ALab Control Sample DupTotal/NASolid5035Analysis Batch: 46086Matrix SpikeTotal/NASolid5035Lab Sample IDClient Sample IDPrep TypeMatrixMethod880-24394-1H-1 (0-0.5')Total/NASolid8021B	MB 880-46010/5-A LCS 880-46010/1-A Lab Control SampleTotal/NASolid5035LCS 880-46010/1-A LCSD 880-46010/2-A Lab Control Sample DupTotal/NASolid5035890-4031-A-21-H MSDMatrix Spike DuplicateTotal/NASolid5035Prep Batch: 46012Lab Sample ID 880-24394-1Client Sample ID H-1 (0-0.5')Prep Type Total/NAMatrixMethod SolidPrep Batch880-24394-1 880-24394-2H-1 (0-0.5')Total/NASolid5035Prep Batch880-24394-3 880-24394-3H-3 (0-0.5')Total/NASolid5035Prep Batch880-24394-4H-4 (0-0.5')Total/NASolid5035S035880-24394-4H-4 (0-0.5')Total/NASolid5035S035880-24394-4H-4 (0-0.5')Total/NASolid5035S035880-24394-4H-4 (0-0.5')Total/NASolid5035S035880-46012/5-AMethod BlankTotal/NASolid5035S035LCSD 880-46012/2-ALab Control SampleTotal/NASolid5035S035890-4037-A-1-F MSMatrix SpikeTotal/NASolid5035S035Analysis Batch: 46086Prep TypeMatrix Matrix SpikePrep Batch 46012880-24394-1H-1 (0-0.5')Total/NASolid8021B46012

		Fieb lybe	IVIALI IX	Wethou	FIED Datch
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	Ргер Туре	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

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

HPLC/IC

Leach Batch: 45664

Lab Sample ID	Client Sample ID	Ргер Туре	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

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

Lab Sample ID: 880-24394-1 Matrix: Solid

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

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

Client: Carmona Resources

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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	СН	EET MID

Lab Sample ID: 880-24394-2

Lab Sample ID: 880-24394-3

Lab Sample ID: 880-24394-4

Matrix: Solid

Matrix: Solid

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

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	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	СН	EET MID

Client Sample ID: H-3 (0-0.5') Date Collected: 02/06/23 00:00

Date Received: 02/07/23 08:50

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	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	СН	EET MID

Client Sample ID: H-4 (0-0.5') Date Collected: 02/06/23 00:00 Date Received: 02/07/23 08:50

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Matrix: Solid

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Client Sample ID: H-4 (0-0.5') Date Collected: 02/06/23 00:00 Date Received: 02/07/23 08:50

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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	СН	EET MID

Laboratory References:

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

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

Lab Sample ID: 880-24394-4

Matrix: Solid

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Eurofins Midland

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Accreditation/Certification Summary

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

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

ority		Program	Identification Number	Expiration Date	
s		NELAP	T104704400-22-25	06-30-23	
he following analytes	are included in this report,	but the laboratory is not certif	ied by the governing authority. This list ma	ay include analytes for which	
ne agency does not of	fer certification.				
nalysis Method	Prep Method	Matrix	Analyte		
00.0		Solid	Chloride		
015 NM		Solid	Total TPH		
015B NM	8015NM Prep	Solid	Diesel Range Organics (Over	C10-C28)	
015B NM	8015NM Prep	Solid	Gasoline Range Organics (GR	RO)-C6-C10	
015B NM	8015NM Prep	Solid	Oll Range Organics (Over C28	3-C36)	
021B	5035	Solid	Benzene		
021B	5035	Solid	Ethylbenzene		
021B	5035	Solid	m-Xylene & p-Xylene		
021B	5035	Solid	o-Xylene		
021B	5035	Solid	Toluene		
021B	5035	Solid	Xylenes, Total		
otal BTEX		Solid	Total BTEX		

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

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

lethod	Method Description	Protocol	Laboratory
3021B	Volatile Organic Compounds (GC)	SW846	EET MID
lotal BTEX	Total BTEX Calculation	TAL SOP	EET MID
3015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
3015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
00.0	Anions, Ion Chromatography	EPA	EET MID
035	Closed System Purge and Trap	SW846	EET MID
015NM Prep	Microextraction	SW846	EET MID
01 Leach	Deionized Water Leaching Procedure	ASTM	EET MID

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

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

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

ab Sample ID	Client Sample ID	Matrix	Collected	Received	
380-24394-1	H-1 (0-0.5')	Solid	02/06/23 00:00	02/07/23 08:50	
380-24394-2	H-2 (0-0.5')	Solid	02/06/23 00:00	02/07/23 08:50	
380-24394-3	H-3 (0-0.5')	Solid	02/06/23 00:00	02/07/23 08:50	
380-24394-4	H-4 (0-0.5')	Solid	02/06/23 00:00	02/07/23 08:50	

Received	by OC		11/2	28/2023 9:4	46:	:27	AM	1										
	CV V VVVVVVV	AHAMAA 1			Comments: Email to Mike Carmona / Mcarmona@carmonaresourc					H-4 (0-0 5')	H-3 (0-0 5')	H-2 (0-0 5')	H-1 (0-0 5')	Sample Identification	Total Containers.	Sample Custody Seals	Cooler Custody Seals	
	MMAN	444			ike Carmo									lion		Yes	Yes	
		/ //	Relinquished by		na / Mcarmo					2/6/2023	2/6/2023	2/6/2023	2/6/2023	Date		NO NA	No (NJA)	
			oy (Signature)	(na@carmonar									Time	Corrected Temperature	Temperature Reading	Correction Factor	
					esourc									ş	erature	ading	,	

Work Order No: <u>24294</u>

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Login Sample Receipt Checklist

Client: Carmona Resources

Appropriate sample containers are used.

There is sufficient vol. for all requested analyses, incl. any requested

Containers requiring zero headspace have no headspace or bubble is

Sample bottles are completely filled.

Sample Preservation Verified.

MS/MSDs

<6mm (1/4").

Login Number: 24394 List Number: 1 Creator: Teel, Brianna

Question Answer Comment The cooler's custody seal, if present, is intact. N/A N/A Sample custody seals, if present, are intact. The cooler or samples do not appear to have been compromised or True tampered with. Samples were received on ice. True True Cooler Temperature is acceptable. 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 True HTs) True Sample containers have legible labels. Containers are not broken or leaking. True Sample collection date/times are provided. True

True

True

N/A

True

N/A

Job Number: 880-24394-1 SDG Number: Eddy County, New Mexico List Source: Eurofins Midland

Eurofins Midland Released to Imaging: 1/24/2024 3:18:18 PM Received by OCD: 11/28/2023 9:46:27 AM



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

ËOL

Eurofins Midland 1211 W. Florida Ave Midland TX 79701



Received by OCD: 11/28/2023 9:46:27 AM

1

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

RAMER

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

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

Eurofins Midland is a laboratory within Eurofins Environment Testing South Central, LLC, a company within Eurofins Environment Testing Group of Companies

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

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2

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

Job ID: 880-24395-1

SDG: Eddy County, New Mexico

Qualifiers

Qualifiers		3
GC VOA		
Qualifier	Qualifier Description	
*+	LCS and/or LCSD is outside acceptance limits, high biased.	
S1+	Surrogate recovery exceeds control limits, high biased.	5
U	Indicates the analyte was analyzed for but not detected.	
GC Semi VO	Α	
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.	8
S1+	Surrogate recovery exceeds control limits, high biased.	
U	Indicates the analyte was analyzed for but not detected.	9
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	4.0
CFL	Contains Free Liquid	13
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) EPA recommended "Maximum Contaminant Level" MCL
- MDA Minimum Detectable Activity (Radiochemistry)
- Minimum Detectable Concentration (Radiochemistry) MDC
- MDL Method Detection Limit MI 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)
- Negative / Absent NEG POS Positive / Present
- Practical Quantitation Limit PQL PRES Presumptive
- QC Quality Control
- RER Relative Error Ratio (Radiochemistry) Reporting Limit or Requested Limit (Radiochemistry) RL
- 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

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

Job ID: 880-24395-1

Client: Carmona Resources

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.

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

Date Collected: 02/06/23 00:00

Client: Carmona Resources

Client Sample Results

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

Lab Sample ID: 880-24395-1

Matrix: Solid

5

Method: SW846 8021B - Volatile	Organic Comp	ounds (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00201	U	0.00201		mg/Kg		02/10/23 14:36	02/14/23 09:29	
Toluene	<0.00201	U	0.00201		mg/Kg		02/10/23 14:36	02/14/23 09:29	
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/10/23 14:36	02/14/23 09:29	
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/10/23 14:36	02/14/23 09:29	
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/10/23 14:36	02/14/23 09:29	
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/10/23 14:36	02/14/23 09:29	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	126		70 - 130				02/10/23 14:36	02/14/23 09:29	
1,4-Difluorobenzene (Surr)	74		70 - 130				02/10/23 14:36	02/14/23 09:29	
Method: TAL SOP Total BTEX -	Total BTEX Calo	ulation							
Analyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/14/23 11:45	
Method: SW846 8015 NM - Diese	el Range Organ	ics (DRO) (C	GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<49.9	U	49.9		mg/Kg			02/13/23 11:21	
Method: SW846 8015B NM - Die			1						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/09/23 17:28	02/12/23 19:28	
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/09/23 17:28	02/12/23 19:28	
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/09/23 17:28	02/12/23 19:28	
Surrogate	%Recovery		Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	68	S1-	70 - 130				02/09/23 17:28	02/12/23 19:28	
o-Terphenyl	64	S1-	70 - 130				02/09/23 17:28	02/12/23 19:28	
Method: EPA 300.0 - Anions, Ior									
Analyte		Qualifier	RL	MDL		<u>D</u>	Prepared	Analyzed	Dil Fa
Chloride	<5.00	U	5.00		mg/Kg			02/07/23 19:10	
lient Sample ID: S-2 (0-0.5	')						Lab Sam	ple ID: 880-2	
Date Collected: 02/06/23 00:00 Date Received: 02/07/23 08:50								Matri	x: Solid
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00200	U	0.00200		mg/Kg		02/10/23 14:36	02/14/23 09:55	
Toluene	<0.00200		0.00200		mg/Kg		02/10/23 14:36	02/14/23 09:55	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/10/23 14:36	02/14/23 09:55	
m-Xylene & p-Xylene	<0.00401		0.00401		mg/Kg		02/10/23 14:36	02/14/23 09:55	
o-Xylene	<0.00200		0.00200		mg/Kg		02/10/23 14:36	02/14/23 09:55	
Xylenes, Total	<0.00401		0.00401		mg/Kg		02/10/23 14:36	02/14/23 09:55	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1 D	110	S1+	70 120				02/10/22 14:26	02/14/23 09:55	
4-Bromofluorobenzene (Surr)	140	317	70 - 130				02/10/23 14:36	02/14/23 09.55	

Matrix: Solid

5

Client Sample Results

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

Lab Sample ID: 880-24395-2

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

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

Client: Carmona Resources

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 - Diese	I Range Organ	ics (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 - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		02/09/23 17:28	02/12/23 19:51	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		02/09/23 17:28	02/12/23 19:51	1
C10-C28)									
Oll 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	Chromatograp	hy - Solubl	e						
Analyte	• •	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')

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

Lab Sample ID: 880-24395-3 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 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

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 NN	I - Diesel Range Organ	ics (DRO) (0	GC)						
Method: SW846 8015 NM Analyte		ics (DRO) (C Qualifier	GC) RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

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

Client Sample Results

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

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

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

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

Lab Sample ID: 880-24395-3

Matrix: Solid

5

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
p-Terphenyl	64	S1-	70 - 130				02/09/23 17:28	02/12/23 20:14	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	ohy - Solubl	e						
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

BFB1

Method: 8021B - Volatile Organic Compounds (GC) Matrix: Solid

		Prep Type: Total/NA
		Percent Surrogate Recovery (Acceptance Limits)
I	DFBZ1	
0)	(70-130)	

Client Sample ID	(70-130)	(70-130)
S-1 (0-0.5')	126	74
S-2 (0-0.5')	140 S1+	83
S-3 (0-0.5')	166 S1+	118
Matrix Spike Duplicate	144 S1+	95
Matrix Spike	116	81
Lab Control Sample	130	100
Lab Control Sample	134 S1+	87
Lab Control Sample Dup	128	86
Lab Control Sample Dup	140 S1+	85
Method Blank	89	85
Method Blank	93	82
	S-1 (0-0.5') S-2 (0-0.5') S-3 (0-0.5') Matrix Spike Duplicate Matrix Spike Lab Control Sample Lab Control Sample Lab Control Sample Dup Lab Control Sample Dup Method Blank	S-1 (0-0.5') 126 S-2 (0-0.5') 140 S1+ S-3 (0-0.5') 166 S1+ Matrix Spike Duplicate 144 S1+ Matrix Spike 116 Lab Control Sample 130 Lab Control Sample Dup 128 Lab Control Sample Dup 140 S1+ Matrix Spike 134 S1+ Matrix Spike 134 S1+ Lab Control Sample Dup 128 Lab Control Sample Dup 140 S1+ Method Blank 89

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

		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

5

6

Prep Type: Total/NA

QC Sample Results

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-46010/5-A Matrix: Solid Analysis Batch: 46086							Client Sa	mple ID: Metho Prep Type: 1 Prep Batch	otal/NA
Analuto	MB	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte Benzene	<0.00200		0.00200	MDL	mg/Kg	<u></u>	02/10/23 14:32	02/13/23 12:26	
					0 0				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
	МВ	МВ							
Surrogate	%Recovery	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

s	Spike	LCS	LCS				%Rec
Analyte Ad	dded	Result	Qualifier	Unit	D	%Rec	Limits
Benzene 0	0.100	0.1345	*+	mg/Kg		135	70 - 130
Toluene 0	0.100	0.1363	*+	mg/Kg		136	70 - 130
Ethylbenzene 0	0.100	0.1415	*+	mg/Kg		141	70 - 130
m-Xylene & p-Xylene 0	0.200	0.2823	*+	mg/Kg		141	70 - 130
o-Xylene 0	0.100	0.1415	*+	mg/Kg		141	70 - 130

	LCS	LCS	
Surrogate	%Recovery	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							Prep	Batch:	46010
	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

	LCSD	LCSD	
Surrogate	%Recovery	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									Prep	Batch:	46010
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

Eurofins Midland

Prep Type: Total/NA

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

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Type: Total/NA

Prep Batch: 46010

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- Matrix: Solid	-21-H MSD					(Client	Sample I		Туре: То	tal/N/
Analysis Batch: 46086										Batch:	
	Sample S	ample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result C	lualifier	Added	Result	Qualifier	Unit		%Rec	Limits	RPD	Limi
Ethylbenzene	<0.00202 L	J *+	0.0996	0.1137		mg/Kg		114	70 - 130	2	3
m-Xylene & p-Xylene	<0.00404 L	J *+	0.199	0.2295		mg/Kg		115	70 - 130	2	3
o-Xylene	<0.00202 L	J *+	0.0996	0.1137		mg/Kg		114	70 - 130	1	3
	MSD N										
Surrogate	%Recovery	-	Limits								
4-Bromofluorobenzene (Surr)		51+	70 - 130								
1,4-Difluorobenzene (Surr)	95		70 - 130								
Lab Sample ID: MB 880-460	12/5_4							Client	Sample ID:	Mothod	Blan
Matrix: Solid	12/3-4							onent			
										Type: To Batch:	
Analysis Batch: 46086		ИВ МВ							Frep	Datch:	4001
Analyte		ult Qualifier	RL		MDL Unit		D	Prepared	Analy	rod	Dil Fa
Benzene	<0.002		0.00200		mg/k			2/10/23 14:3			Diira
Toluene	<0.002		0.00200		mg/r	-		2/10/23 14:3 2/10/23 14:3			
	<0.002		0.00200		-	-		2/10/23 14:3 2/10/23 14:3			
Ethylbenzene					mg/ł						
m-Xylene & p-Xylene	<0.004		0.00400		mg/ł	-		2/10/23 14:3			
o-Xylene	<0.002		0.00200		mg/k			2/10/23 14:3			
Xylenes, Total	<0.004	00 U	0.00400		mg/ł	ζg	02	2/10/23 14:3	6 02/14/23	01:37	
	Ι	MB MB									
Surrogate	%Recove	ery Qualifier	Limits					Prepared	Analy	zed	Dil Fa
4-Bromofluorobenzene (Surr)		93	70 - 130				02	2/10/23 14:3	86 02/14/23	01:37	
1,4-Difluorobenzene (Surr)		82	70 - 130				02	2/10/23 14:3	86 02/14/23	01:37	
Lab Sample ID: LCS 880-46	012/1-A						Clie	nt Sampl	e ID: Lab C	ontrol S	ampl
Matrix: Solid										Туре: То	
Analysis Batch: 46086										Batch:	
			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	C	%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		110	70 - 100 70 - 130		
m-Xylene & p-Xylene			0.200	0.2259		mg/Kg		112	70 - 130		
o-Xylene			0.100	0.2259		mg/Kg		113	70 - 130 70 - 130		
			0.100	0.1109		myrrty		117	10 - 100		
	LCS L	.CS									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	134 S	51+	70 - 130								
1,4-Difluorobenzene (Surr)	87		70 - 130								
Lab Sample ID: LCSD 880-4	6012/2-A					Cli	ent Sa	mple ID:	Lab Contro		
Matrix: Solid										Type: To	
Analysis Batch: 46086			o							Batch:	
			Spike		LCSD			.	%Rec		RP
Analyte			Added		Qualifier	Unit			Limits	RPD	Lim
Benzene			0.100	0.1142		mg/Kg		114	70 - 130	8	3
Toluene			0.100	0.1154		mg/Kg		115	70 - 130	2	3
Ethylhanzona			0 100	0 1117		malka		110	70 120	-	2

0

1

35

35

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Ethylbenzene

m-Xylene & p-Xylene

0.1117

0.2226

mg/Kg

mg/Kg

112

111

70 - 130

70 - 130

0.100

0.200

Client: Carmona Resources

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

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

Lab Sample ID: LCSD 880-460	12/2-A							Clie	nt Sam	ple ID: L	ab Control Sa		
Matrix: Solid											Prep Type		
Analysis Batch: 46086											Prep Ba	tch: 4	
				Spike	LCSD						%Rec		RP
Analyte				Added	Result	Quali	fier Un	nit	D	%Rec			Limi
o-Xylene				0.100	0.1105		mg	g/Kg		111	70 - 130	6	3
	LCSD	LCS	D										
Surrogate	%Recovery	Qua	ifier	Limits									
4-Bromofluorobenzene (Surr)	140	S1+		70 - 130									
1,4-Difluorobenzene (Surr)	85			70 - 130									
Lab Sample ID: 890-4037-A-1-I	FMS									Client S	Sample ID: Ma	atrix S	pik
Matrix: Solid											Prep Type		
Analysis Batch: 46086											Prep Ba		
-	Sample	Sam	ple	Spike	MS	MS					%Rec		
Analyte	Result	Qual	ifier	Added	Result	Quali	fier Un	nit	D	%Rec	Limits		
Benzene	<0.00201	U		0.100	0.08259		mį	g/Kg		82	70 - 130		
Toluene	<0.00201	U		0.100	0.07765		mg	g/Kg		77	70 - 130		
Ethylbenzene	<0.00201	U		0.100	0.08149		mę	g/Kg		81	70 - 130		
m-Xylene & p-Xylene	<0.00402	U		0.200	0.1603		mę	g/Kg		80	70 - 130		
o-Xylene	<0.00201	U		0.100	0.07875		mg	g/Kg		79	70 - 130		
	MS	мs											
Surrogate	%Recovery	Qua	ifier	Limits									
4-Bromofluorobenzene (Surr)	116			70 - 130									
1,4-Difluorobenzene (Surr)	81			70 - 130									
lethod: 8015B NM - Diese	I Range O	raar	ics (DR	O) (GC)									
	<u> </u>	3											
	/ 1-A									Client Sa	ample ID: Met		
Matrix: Solid	/1- A									Client Sa	Prep Type	: Tota	al/N/
Matrix: Solid	/1-A	мв	MD							Client Sa		: Tota	al/NA
Matrix: Solid Analysis Batch: 46067			MB			MDI	Unit	r			Prep Type Prep Ba	: Tota tch: 4	al/N <i>A</i> 5929
Matrix: Solid Analysis Batch: 46067 ^{Analyte}	R	esult	Qualifier			MDL		[repared	Prep Type Prep Ba Analyzed	e: Tota tch: 4	al/NA 5929 Dil Fac
Matrix: Solid Analysis Batch: 46067 Analyte Gasoline Range Organics	R	esult				MDL	Unit mg/Kg	[Prep Type Prep Ba	e: Tota tch: 4	al/N/ 5929 Dil Fa
Matrix: Solid Analysis Batch: 46067 Analyte Gasoline Range Organics (GRO)-C6-C10	R	esult	Qualifier U)	MDL		<u>[</u>	02/0	repared	Prep Type Prep Ba Analyzed	e: Tota tch: 4 	al/N/ 5929 Dil Fa
Matrix: Solid Analysis Batch: 46067 Analyte Gasoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over	R	sult 50.0	Qualifier U	50.0)	MDL	mg/Kg	[02/0	repared 9/23 17:28	Prep Type Prep Ba Analyzed 02/12/23 09:4	e: Tota tch: 4 	al/N/ 5929 Dil Fa
Matrix: Solid Analysis Batch: 46067 Analyte Gasoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	R	sult 50.0	Qualifier U	50.0)	MDL	mg/Kg	[02/0	repared 9/23 17:28	Prep Type Prep Ba Analyzed 02/12/23 09:4	e: Tota tch: 4 	al/N/ 592 Dil Fa
Matrix: Solid Analysis Batch: 46067 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	R	esult 50.0 50.0 50.0	Qualifier U	50.0)	MDL	mg/Kg mg/Kg	[02/0	repared 9/23 17:28 9/23 17:28	Analyzed 02/12/23 09:4	e: Tota tch: 4 	al/N/ 592 Dil Fa
Matrix: Solid Analysis Batch: 46067 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	R	esult 50.0 50.0 50.0 50.0 MB	Qualifier U U	50.0)	MDL	mg/Kg mg/Kg	C	02/0	repared 9/23 17:28 9/23 17:28	Analyzed 02/12/23 09:4	e: Tota tch: 4 	al/N/ 5929 Dil Fa
Lab Sample ID: MB 880-45929 Matrix: Solid Analysis Batch: 46067 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	R	esult 50.0 50.0 50.0 50.0 MB	Qualifier U U MB	50.0 50.0 50.0)	MDL	mg/Kg mg/Kg	<u>r</u>	02/0 02/0 02/0	repared 9/23 17:28 9/23 17:28 9/23 17:28	Prep Type Prep Ba 02/12/23 09:4 02/12/23 09:4 02/12/23 09:4	•: Tota tch: 4 	al/N/ 5929

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

Analysis Batch: 46067

Analysis Batch: 46067							Pre	Batch: 45929
	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	936.7		mg/Kg		94	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	847.8		mg/Kg		85	70 - 130	
C10-C28)								

Eurofins Midland

Prep Type: Total/NA

Client Sample ID: Lab Control Sample

QC Sample Results

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

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

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

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	U	• · ·	/ / / /		,						
Lab Sample ID: LCS 880-459	929/2-A						Client	Sample	D: Lab Co		
Matrix: Solid Analysis Batch: 46067										Type: Tot Batch:	
Analysis Batch. 40007									гтер	Datch.	43323
		LCS									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	129		70 - 130								
o-Terphenyl	108		70 - 130								
Lab Sample ID: LCSD 880-4	5929/3-A					Clie	nt San	nole ID: I	Lab Contro	ol Sampl	e Dup
Matrix: Solid										Type: To	
Analysis Batch: 46067										Batch:	
-			Spike	LCSD	LCSD				%Rec		RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics			1000	1047		mg/Kg		105	70 - 130	11	20
(GRO)-C6-C10											
Diesel Range Organics (Over			1000	959.5		mg/Kg		96	70 - 130	12	20
C10-C28)											
	LCSD	LCSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	138	S1+	70 - 130								
o-Terphenyl	124		70 - 130								
	4.0 Mg							Client	Sample ID	Motrix	Spike
Lab Sample ID: 890-4048-A- Matrix: Solid	4-0 1013							Client	Sample ID		-
Analysis Batch: 46067										Type: Tot Batch:	
Analysis Batch. 40007	Sample	Sample	Spike	MS	MS				%Rec	Daten.	43323
Analyte	-	Qualifier	Added		Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics		U F1 F2	998	<49.9		mg/Kg		-2	70 - 130		
(GRO)-C6-C10						0 0					
Diesel Range Organics (Over	<50.0	U F1	998	<49.9	U F1	mg/Kg		-0.1	70 - 130		
C10-C28)											
	MS	MS									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	67	S1-	70 - 130								
o-Terphenyl	61	S1-	70 - 130								
Lab Sample ID: 890-4048-A-	4-D MSD					CI	ient Sa	ample ID): Matrix Sp		
Matrix: Solid										Type: To	
Analysis Batch: 46067	0	0	0							Batch:	
Analyta		Sample Qualifier	Spike Added		MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD
Analyte Gasoline Range Organics		U F1 F2			F1 F2	mg/Kg		0.8	70 - 130	69	Limit 20
(GRO)-C6-C10	<50.0	01112	331	52.95	1112	mg/rtg		0.0	70 - 150	09	20
Diesel Range Organics (Over	<50.0	U F1	997	<49.9	U F1	mg/Kg		-0.1	70 - 130	1	20
C10-C28)						- •					
	MSD	MSD									
Surrogate	%Recovery		Limits								
1-Chlorooctane	80		70 - 130								
o-Terphenyl	74		70 - 130								
<u> </u>											

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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: 300.0 - Anions, Ion Chromatography

- Lab Sample ID: MB 880-45664/1-A										Clie	nt S	ample ID:	Method	Blank
Matrix: Solid													Type: S	
Analysis Batch: 45712														
		MB ME	3											
Analyte	R	esult Qu	alifier	RL		MDL	Unit		D	Prepar	ed	Analyz	ed	Dil Fac
Chloride	<	<5.00 U		5.00			mg/Kg					02/07/23	17:32	1
Lab Sample ID: LCS 880-45664/2-	A								Clie	nt San	nple	ID: Lab Co	ontrol S	ample
Matrix: Solid												Prep	Type: S	oluble
Analysis Batch: 45712														
			Spi	ke	LCS	LCS						%Rec		
Analyte			Add	əd	Result	Quali	ifier	Unit	0	%R	ec	Limits		
Chloride			2	50	256.7			mg/Kg		1	03	90 - 110		
Lab Sample ID: LCSD 880-45664/3	3-A							Cli	ent Sa	mple	ID: I	_ab Contro	I Sampl	le Dup
Matrix: Solid												Prep	Type: S	oluble
Analysis Batch: 45712														
			Spi	ke	LCSD	LCSE	2					%Rec		RPD
Analyte			Add	əd	Result	Quali	ifier	Unit	0) %R	ec	Limits	RPD	Limit
Chloride			2	50	241.6			mg/Kg			97	90 - 110	6	20
- Lab Sample ID: 880-24394-A-3-B I	MS									Cli	ient	Sample ID	: Matrix	Spike
Matrix: Solid												Prep	Type: S	oluble
Analysis Batch: 45712														
-	Sample	Sample	Spi	ke	MS	MS						%Rec		
Analyte	Result	Qualifie	r Add	əd	Result	Quali	ifier	Unit	0) %R	ec	Limits		
Chloride	<5.00	U	2	50	249.1			mg/Kg			99	90 _ 110		
- Lab Sample ID: 880-24394-A-3-C I	NSD								Client	Sampl	le ID	: Matrix Sp	oike Dur	olicate
Matrix: Solid													Type: S	
Analysis Batch: 45712												•		
-	Sample	Sample	Spi	ke	MSD	MSD						%Rec		RPD
Analyte	Result	Qualifie	r Add	əd	Result	Quali	ifier	Unit	0) %R	ec	Limits	RPD	Limit

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QC Association Summary

Prep Type

Total/NA

Total/NA

Total/NA

Total/NA

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

Client Sample ID

Lab Control Sample

Lab Control Sample Dup

Matrix Spike Duplicate

Method Blank

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

Method

5035

5035

5035

5035

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	10
	11
Prep Batch	12
46012	40
46012	T 3
46012	
46010	14
46012	
46010	

Prep Batch	
Prep Batch	

Prep Batch: 46012

Prep Batch: 46010 Lab Sample ID

MB 880-46010/5-A

LCS 880-46010/1-A

LCSD 880-46010/2-A

890-4031-A-21-H MSD

GC VOA

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-24395-1	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	
IB 880-46012/5-A	Method Blank	Total/NA	Solid	5035	
CS 880-46012/1-A	Lab Control Sample	Total/NA	Solid	5035	
CSD 880-46012/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
90-4037-A-1-F MS	Matrix Spike	Total/NA	Solid	5035	

Analysis Batch: 46086

Lab Sample ID	Client Sample ID	Ргер Туре	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

Eurofins Midland

Matrix

Solid

Solid

Solid

Solid

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QC Association Summary

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

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	Ргер Туре	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

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

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

Lab Sample ID: 880-24395-1 Matrix: Solid

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

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

Client: Carmona Resources

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	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	СН	EET MID

Lab Sample ID: 880-24395-2

Lab Sample ID: 880-24395-3

Matrix: Solid

Matrix: Solid

Client Sample ID: S-2 (0-0.5') Date Collected: 02/06/23 00:00

Date Received: 02/07/23 08:50

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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	СН	EET MID

Client Sample ID: S-3 (0-0.5') Date Collected: 02/06/23 00:00 Date Received: 02/07/23 08:50

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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	СН	EET MID

Laboratory References:

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

Released to Imaging: 1/24/2024 3:18:18 PM

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

ority		Program	Identification Number	Expiration Date	
S		NELAP	T104704400-22-25	06-30-23	
he following analytes	are included in this report,	but the laboratory is not certif	ied by the governing authority. This list ma	ay include analytes for which	
ne agency does not o	ffer certification.				
nalysis Method	Prep Method	Matrix	Analyte		
00.0		Solid	Chloride		
015 NM		Solid	Total TPH		
015B NM	8015NM Prep	Solid	Diesel Range Organics (Over	C10-C28)	
015B NM	8015NM Prep	Solid	Gasoline Range Organics (GR	RO)-C6-C10	
015B NM	8015NM Prep	Solid	OII Range Organics (Over C28	3-C36)	
021B	5035	Solid	Benzene		
021B	5035	Solid	Ethylbenzene		
021B	5035	Solid	m-Xylene & p-Xylene		
021B	5035	Solid	o-Xylene		
021B	5035	Solid	Toluene		
021B	5035	Solid	Xylenes, Total		
otal BTEX		Solid	Total BTEX		

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

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

Method	Method Description	Protocol	Laboratory
3021B	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

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

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

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

\subset 620 SAPC OH Me OH Na Codes Nater H₂O nents 1<u></u> Page 21 of 22

				_		_																										
0100	111	×.			Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com								S-3 (0-0 5')	S-2 (0-0 5')	S-1 (0-0 5')	Sample Identification		Total Containers:	Sample Custody Seals	Cooler Custody Seals	Received Intact	SAMPLE RECEIPT	P0 #	Sampler's Name	Project Location	Project Number	Project Name	Phone:	City, State ZIP	Address	Company Name	Project Manager
DN N M	ALAN AL				li to Mike Carm	14 881							-0 5')	-0 5')	-0 5')	ntification				ls Yes	ß				Eddy		OXY F	(432) 813-6823	Midland, TX 79701	310 W Wall St Ste 415	Carmona Resources	Conner Moehring
MMar	111.14	Relinquished by (Signature)			ona / Mcarmo								2/6/2023	2/6/2023	2/6/2023	Date			No	No CAHA	Mes No	Temp Blank.		MM	Eddy County, New Mexico	1228	OXY Flameskimmer State #1	3	9701	Ste 415	ources	ing
Y	~	y (Signature)			na@carmonal											Time		Corrected Temperature	Temperature Reading	Correction Factor	Thermometer ID	Yes Ny			/ lexico		State #1					
					resources.con								×	×	×	Soil		erature	ading	Yr.		Wet Ice			Due Date	Routine	Turn	Email				
					n and Conner N								G	G	6	Water Comp		0.0	5.0	K 0 -	J.L.C.	Ges No				Rush	Turn Around	sharris@silverbackexp.com	City, State ZIP	Address	Company Name	Bill to: (if different)
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Work Order No: 24395

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Job Number: 880-24395-1

List Source: Eurofins Midland

SDG Number: Eddy County, New Mexico

Login Sample Receipt Checklist

Client: Carmona Resources

Login Number: 24395 List Number: 1

<6mm (1/4").

Creator: Teel, Brianna ~ . . .

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	
s 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	N/A	

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5796 U.S. Hwy 64 Farmington, NM 87401

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





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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,

Page 78 of 123



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

Field Offices:

Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

Michelle Golzales Client Representative Office: 505-421-LABS(5227) Cell: 505-947-8222 mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

		Sample Sum	mai y		
Carmona Resources		Project Name:	OXY Flameskimme	er State #1	Reported:
310 West Wall St. Suite 415 Midland TX, 79701		Project Number: Project Manager:	22113-0001 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.



	D	ampic D	ata			
Carmona Resources	Project Name	: OX	Y Flameskimmer	State #1		
310 West Wall St. Suite 415	Project Numb	ber: 221	13-0001			Reported:
Midland TX, 79701	Project Mana	ger: Con	ner Moehring			11/14/2023 4:19:53PM
		S-4 (0-1')				
		E311057-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
p-Xylene	ND	0.0250	1	11/08/23	11/08/23	
o,m-Xylene	ND	0.0500	1	11/08/23	11/08/23	
Fotal 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	Analy	st: 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	Analy	st: KM		Batch: 2346005
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/23	11/14/23	
Dil 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	Analy	st: BA		Batch: 2345067
Chloride	ND	20.0	1	11/08/23	11/11/23	

Sample Data



	3	ample D	ata			
Carmona Resources	Project Name	e: OX	Y Flameskimmer	State #1		
310 West Wall St. Suite 415	Project Numb	per: 221	13-0001			Reported:
Midland TX, 79701	Project Mana	ger: Con	ner Moehring		11/14/2023 4:19:53PM	
		S-4 (1.5')				
		E311057-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
o,m-Xylene	ND	0.0500	1	11/08/23	11/08/23	
Fotal 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	Analy	st: 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	Analy	st: KM		Batch: 2346005
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/23	11/14/23	
Dil 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	Analy	st: BA		Batch: 2345067
Chloride	ND	20.0	1	11/08/23	11/11/23	



	3	ample D	ลเล			
Carmona Resources	Project Name	: OX	Y Flameskimmer	State #1		
310 West Wall St. Suite 415	Project Numb	er: 221	13-0001			Reported:
Midland TX, 79701	Project Manag	ger: Con	ner Moehring	11/14/2023 4:19:53PM		
		S-4 (2.0')				
		E311057-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
p-Xylene	ND	0.0250	1	11/08/23	11/08/23	
o,m-Xylene	ND	0.0500	1	11/08/23	11/08/23	
Fotal 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	Analy	st: 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	Analy	st: KM		Batch: 2346005
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/23	11/14/23	
Dil 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	Analy	st: BA		Batch: 2345067
Chloride	ND	20.0	1	11/08/23	11/11/23	



3	ample D	ลเล			
Project Name:	: OX	Y Flameskimme	er State #1		
Project Numb	er: 221	3-0001			Reported:
Project Manaş	ger: Con	ner Moehring			11/14/2023 4:19:53PM
	S-4 (3.0')				
	E311057-04				
	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: RKS		Batch: 2345054
ND	0.0250	1	11/08/23	11/08/23	
ND	0.0250	1	11/08/23	11/08/23	
ND	0.0250	1	11/08/23	11/08/23	
ND	0.0250	1	11/08/23	11/08/23	
ND	0.0500	1	11/08/23	11/08/23	
ND	0.0250	1	11/08/23	11/08/23	
	94.3 %	70-130	11/08/23	11/08/23	
mg/kg	mg/kg	Anal	yst: RKS		Batch: 2345054
ND	20.0	1	11/08/23	11/08/23	
	91.3 %	70-130	11/08/23	11/08/23	
mg/kg	mg/kg	Anal	yst: KM		Batch: 2346005
ND	25.0	1	11/13/23	11/14/23	
ND	50.0	1	11/13/23	11/14/23	
	76.6 %	50-200	11/13/23	11/14/23	
mg/kg	mg/kg	Anal	yst: BA		Batch: 2345067
	Project Name Project Numb Project Manay Result mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	Project Name: OX Project Number: 2211 Project Manager: Con S-4 (3.0') E311057-04 Reporting Result Limit mg/kg mg/kg ND 0.0250 ND 20.0 gld mg/kg Mg/kg mg/kg ND 25.0 ND 50.0 ND 50.0	Project Number: 22113-0001 Project Manager: Conner Moehring S-4 (3.0') E311057-04 Reporting Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 ND 20.0 1 MD 20.0 1 MD 20.0 1 MD 25.0 1 ND 50.0 1 ND 50.0 1 ND 50.0 1	I Project Name: OXY Flameskimmer State #1 Project Number: 22113-0001 Project Manager: Conner Moehring S-4 (3.0') E311057-04 Result Dilution Prepared Result Limit Dilution Prepared Mg/kg mg/kg Analyst: RKS ND ND 0.0250 1 11/08/23 ND 20.0 1 11/08/23 MD 20.0 1 11/08/23 MD 20.0 1 11/08/23 MD 25.0 1 11/08/23	Image: Constraint of Constrai



	3	ample D	ลเล			
Carmona Resources	Project Name:	OX	Y Flameskimmer	State #1		
310 West Wall St. Suite 415	Project Numbe	er: 221	13-0001			Reported:
Midland TX, 79701	Project Manag	ger: Con	ner Moehring		11/14/2023 4:19:53PM	
		S-4 (4.0')				
		E311057-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
p-Xylene	ND	0.0250	1	11/08/23	11/08/23	
o,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	Analys	st: 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	Analys	st: 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	Analys	st: BA		Batch: 2345067
Chloride	ND	20.0	1	11/08/23	11/11/23	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701		Project Name: Project Number: Project Manager:	22	XY Flameskii 2113-0001 onner Moehrii		:#1			Reported: 11/14/2023 4:19:53PM
	Volatile Organics by EPA 8021B								Analyst: RKS
Analyte	D k	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	Result mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2345054-BLK1)							Prepared: 1	1/08/23 A	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: 1	1/08/23 A	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: 1	1/08/23 A	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:	E311052-0	04	Prepared: 1	1/08/23 A	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

		QC D	umm	aly Data	a				
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701		Project Name: Project Number:	2	DXY Flameskin 2113-0001 Conner Moehrir		:#1			Reported: 11/14/2023 4:19:53PM
Wildland 1X, 79701	N	Project Manager:			0				11/14/2025 4.19.5510
	No	nhalogenated (Organics	by EPA 801	15D - GI	KO			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2345054-BLK1)							Prepared: 1	1/08/23	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: 1	1/08/23	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:	E311052-0	04	Prepared: 1	1/08/23	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: 1	1/08/23	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

		QC D	umm	aly Data	l				
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701		Project Name: Project Number: Project Manager:	1	OXY Flameskin 22113-0001 Conner Moehrin		#1			Reported: 11/14/2023 4:19:53PM
	Nonh	alogenated Org	anics by	y EPA 8015D	- DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits %	RPD	RPD Limit %	N. /
	mg/kg	mg/kg	mg/kg	mg/kg	%	%0	%	[%] 0	Notes
Blank (2346005-BLK1)							Prepared: 1	1/13/23 A	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: 1	1/13/23 A	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: 1	1/13/23 A	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: 1	1/13/23 A	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

		X U N			~					
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701		Project Name: Project Number: Project Manager:		OXY Flameskin 22113-0001 Conner Moehrir		: #1				orted: 4:19:53PM
		Anions	by EPA	300.0/9056A	1				Analyst:	BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	١	lotes
Blank (2345067-BLK1)							Prepared:	11/08/23	Analyzed: 1	1/11/23
Chloride	ND	20.0								
LCS (2345067-BS1)							Prepared:	11/08/23	Analyzed: 1	1/11/23
Chloride	243	20.0	250		97.3	90-110				
Matrix Spike (2345067-MS1)				Source:	E311047-2	24	Prepared:	11/08/23	Analyzed: 1	1/11/23
Chloride	247	20.0	250	ND	98.8	80-120				
Matrix Spike Dup (2345067-MSD1)				Source:	E311047-2	24	Prepared:	11/08/23	Analyzed: 1	1/11/23
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.



Γ	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

Project Manager:	0					2.													Page1	
		Moehring			Bill to: (if	a second s	-		Ritchie									1	r Comments	□ .
Company Name:		a Resources			Company		-	Silver	back E	xploration					Program: State of P			P []rov	wnfields 📑 RC	perfu
ddress:		Wall St Ste 415			Address:														T/UST	
ity, State ZIP:		, TX 79701			City, Stat			-		1		_		_	13 (STR)		North Contraction			
hone:	(432) 8	13-6823		Emai	I: mritchie	@silverb	ackexp.	com			-				Deliverabl	es: EDL		ADa	PT U Other:	
roject Name:	(OXY Flameskimmer	State #1	Tur	n Around	1						ANA	LYSIS	REQUI	EST				Preservat	ive Code
oject Number:		1228		🔽 Routine	Rush	n	Pres. Code												None: NO	DI Wate
oject Location		Eddy County, New I	Vexico	Due Date:		_													Cool: Cool	MeOH: N
mpler's Name:		CRM		Sta	ndard TAT				MRO										HCL: HC	HNO3: H
) #:				-	0		ers	6.1	+0										H ₂ S0 ₄ : H ₂	NaOH: N
MPLE RECE	IPT	Temp Blank:	Yes No	Wet Ice:	Standard TAT et lce: Ves No Chloride 300.0 Chloride 300.0									H₃PO₄: HP						
ceived Intact:		Yes No	Thermometer ID				ara	BTEX 8021B	RO +	ide 3									NaHSO4: NABIS	
oler Custody Seal		Yes No MA	Correction Factor				а.	STE)	(G	hlori									Na ₂ S ₂ O ₃ : NaSO ₃	
mple Custody Sea	als:	Yes No (N/A)	Temperature Re	a constant de la const				-	15N	o									Zn Acetate+NaO	
tal Containers:			Corrected Temp	berature:			- Apple		H 80										NaOH+Ascorbic	Acid: SAF
Sample Ide	ntification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		ЧĻ										LOND H	ommen
S-4 (0	0-1')	11/2/2023		Х		Grab	1	X	Х	x									1	
S-4 (1	10.000000	11/2/2023	_	Х		Grab	1	X	Х	X									2	
S-4 (2	2.0')	11/2/2023	-	Х		Grab	1	X	Х	X									3	
S-4 (3	3.0')	11/2/2023		Х		Grab	1	X	Х	X									4	
0.(4.0')	11/2/2023		Х	-	Grab	1	X	Х	X	1								5	
S-4 (4																			-	
									2											
																100				

X

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

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	f Custody (COC)				
1. Does t	he sample ID match the COC?		Yes		
2. Does t	he number of samples per sampling site location mate	h the COC	Yes		
3. Were s	samples dropped off by client or carrier?		Yes	Carrier: C	Courier
4. Was th	ne COC complete, i.e., signatures, dates/times, request	ed analyses?	Yes	-	
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted in t i.e, 15 minute hold time, are not included in this disucssion		Yes		<u>Comments/Resolution</u>
Sample 7	<u> Turn Around Time (TAT)</u>				
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes		Time sampled not provided on COC per
Sample (<u>Cooler</u>				client.
7. Was a	sample cooler received?		Yes		
8. If yes,	was cooler received in good condition?		Yes		
9. Was th	he sample(s) received intact, i.e., not broken?		Yes		
10. Were	custody/security seals present?		No		
11. If yes	s, were custody/security seals intact?		NA		
12. Was th	he sample received on ice? If yes, the recorded temp is 4°C, i. Note: Thermal preservation is not required, if samples are		Yes		
10.10	minutes of sampling		a		
	visible ice, record the temperature. Actual sample to	emperature: 4°	<u>C</u>		
	Container				
	aqueous VOC samples present?		No		
	VOC samples collected in VOA Vials?		NA		
	e head space less than 6-8 mm (pea sized or less)?		NA		
	a trip blank (TB) included for VOC analyses?		NA		
	non-VOC samples collected in the correct containers?	11 / 10	Yes		
	appropriate volume/weight or number of sample containe	ers collected?	Yes		
Field La					
	field sample labels filled out with the minimum information Sample ID?	mation:	Yes		
	Date/Time Collected?		Yes		
	Collectors name?		No		
Sample 1	Preservation				
21. Does	the COC or field labels indicate the samples were pre	served?	No		
22. Are s	sample(s) correctly preserved?		NA		
24. Is lab	filteration required and/or requested for dissolved me	etals?	No		
<u>Multiph</u>	ase Sample Matrix				
	the sample have more than one phase, i.e., multiphase	?	No		
27. If yes	s, does the COC specify which phase(s) is to be analyz	xed?	NA		
	ract Laboratory_				
	samples required to get sent to a subcontract laboratory		No		
29. Was a	a subcontract laboratory specified by the client and if s	so who?	NA S	ubcontract Lab	p: N/A







5796 U.S. Hwy 64 Farmington, NM 87401

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





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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,

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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

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Michelle Golzales Client Representative Office: 505-421-LABS(5227) Cell: 505-947-8222 mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

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Reported: 11/14/23 15:03 Container Glass Jar, 4 oz. Glass Jar, 4 oz.
Glass Jar, 4 oz. Glass Jar, 4 oz.
Glass Jar, 4 oz.
Class Ist 4 ar
Glass Jar, 4 oz.



•

	Sa	ample D	ata				
Carmona Resources	Project Name:	OX	Y Flameski	mmer S	tate #1		
310 West Wall St. Suite 415	Project Number			Reported:			
Midland TX, 79701	Project Manag	ger: Con	ner Moehr	ing			11/14/2023 3:03:44PM
		CS-1 (0-0.5')					
		E311059-01					
		Reporting					
Analyte	Result	Limit	Dil	ution	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	
p-Xylene	ND	0.0250		1	11/08/23	11/10/23	
p,m-Xylene	ND	0.0500		1	11/08/23	11/10/23	
Fotal 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	
Dil 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	

envirotech Inc.

	D	ample D	ala				
Carmona Resources 310 West Wall St. Suite 415	Project Name Project Numl		7 Flameski 3-0001	mmer St	tate #1		Reported:
Midland TX, 79701	Project Mana		ner Moehri	ng			11/14/2023 3:03:44PM
	•			-			
		CS-2 (0-0.5') E311059-02					
		Reporting					
Analyte	Result	Limit	Dilı	ution	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	
p-Xylene	ND	0.0250		1	11/08/23	11/10/23	
o,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	
urrogate: 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	
Dil 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	



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Carmona Resources	Project Name:	OXY	/ Flamesk	immer S	tate #1		
310 West Wall St. Suite 415	Project Numbe		3-0001				Reported:
Midland TX, 79701	Project Manag	er: Con	ner Moehr	ring			11/14/2023 3:03:44PM
	C	CS-3 (0-0.5')					
		E311059-03					
		Reporting					
Analyte	Result	Limit	Di	lution	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	
o,m-Xylene	ND	0.0500		1	11/08/23	11/10/23	
Fotal 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	
Dil 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	



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Carmona Resources	Project Name						
310 West Wall St. Suite 415	Project Numb		3-0001				Reported:
Midland TX, 79701	Project Manag	ger: Con	ner Moehi	ring			11/14/2023 3:03:44PM
		CS-4 (0-0.5')					
		E311059-04					
		Reporting					
Analyte	Result	Limit	Di	lution	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	
o,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	
urrogate: 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	
urrogate: 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	
Dil 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	



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Carmona Resources Project Name: OXY Flameskimmer State #1								
310 West Wall St. Suite 415	Project Numbe		3-0001			Reported:		
Midland TX, 79701	Project Manage	er: Con	ner Moehr	ring			11/14/2023 3:03:44PM	
	C	CS-5 (0-0.5')						
		E311059-05						
		Reporting						
Analyte	Result	Limit	Dil	lution	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		
p-Xylene	ND	0.0250		1	11/08/23	11/10/23		
o,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		
Dil 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		



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Carmona Resources							
310 West Wall St. Suite 415	Project Number		3-0001 ner Moehr			Reported:	
Midland TX, 79701	Project Manage			11/14/2023 3:03:44PM			
	С	8-6 (0-0.5')					
		2311059-06					
		Reporting					
Analyte	Result	Limit	Dil	lution	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	
o,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	
Dil 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	



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Carmona Resources Project Name: OXY Flameskimmer State #1								
310 West Wall St. Suite 415	Project Numbe	er: 221	3-0001				Reported:	
Midland TX, 79701	Project Manager: Conner Moehring						11/14/2023 3:03:44PM	
	(CS-7 (0-0.5')						
		E311059-07						
		Reporting						
Analyte	Result	Limit	Di	lution	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		
p-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		
Dil 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		



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Carmona Resources							
310 West Wall St. Suite 415	Project Numbe		3-0001				Reported:
Midland TX, 79701	Project Manager: Conner Moehring						11/14/2023 3:03:44PM
	C	S-8 (0-0.5')					
		E311059-08					
		Reporting					
Analyte	Result	Limit	Dil	ution	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	
p-Xylene	ND	0.0250		1	11/08/23	11/10/23	
o,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	
urrogate: 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	
Dil 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	



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Carmona Resources Project Name: OXY Flameskimmer State #1								
310 West Wall St. Suite 415	Project Number		3-0001			Reported:		
Midland TX, 79701	Project Manager: Conner Moehring						11/14/2023 3:03:44PM	
	С	S-9 (0-0.5')						
]	E311059-09						
		Reporting						
Analyte	Result	Limit	Di	lution	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		
p-Xylene	ND	0.0250		1	11/08/23	11/10/23		
o,m-Xylene	ND	0.0500		1	11/08/23	11/10/23		
Fotal 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		
Dil 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		



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Carmona Resources Project Name: OXY Flameskimmer State #1								
310 West Wall St. Suite 415	Project Numb	er: 221	3-0001		Reported:			
Midland TX, 79701	Project Mana	ger: Con	ner Moeh	ring			11/14/2023 3:03:44PM	
	(CS-10 (0-0.5')						
		E311059-10						
		Reporting						
Analyte	Result	Limit	Di	lution	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		
o,m-Xylene	ND	0.0500		1	11/08/23	11/10/23		
Fotal 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		
Dil 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		



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Carmona Resources	Project Nam						
310 West Wall St. Suite 415	Project Num	ber: 221	3-0001			Reported:	
Midland TX, 79701	Project Mana	ager: Con	ner Moehi	ring			11/14/2023 3:03:44PM
		CS-11 (0-0.5')					
		E311059-11					
		Reporting					
Analyte	Result	Limit	Di	lution	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	
p-Xylene	ND	0.0250		1	11/08/23	11/10/23	
o,m-Xylene	ND	0.0500		1	11/08/23	11/10/23	
Fotal 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	
Dil 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	


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Carmona Resources	Project Name	e: OX	Y Flamesk	immer S			
310 West Wall St. Suite 415	Project Num	ber: 221	3-0001	Reported:			
Midland TX, 79701	Project Manager: Conner Moehring		ring		11/14/2023 3:03:44PM		
	(CS-12 (0-0.5')					
		E311059-12					
		Reporting					
Analyte	Result	Limit	Di	lution	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	
p-Xylene	ND	0.0250		1	11/08/23	11/10/23	
p,m-Xylene	ND	0.0500		1	11/08/23	11/10/23	
Fotal 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	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	
Dil 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	



	D	ample D	aca				
Carmona Resources	Project Name		Y Flamesk	immer S	tate #1		
310 West Wall St. Suite 415	Project Numb		13-0001	Reported:			
Midland TX, 79701	Project Manag	oject Manager: Conner Moehr		ring		11/14/2023 3:03:44PM	
	(CS-13 (0-0.5'))				
		E311059-13					
		Reporting					
Analyte	Result	Limit	Di	lution	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	
-Xylene	ND	0.0250		1	11/08/23	11/10/23	
,m-Xylene	ND	0.0500		1	11/08/23	11/10/23	
Total Xylenes	ND	0.0250		1	11/08/23	11/10/23	
urrogate: Bromofluorobenzene		104 %	70-130		11/08/23	11/10/23	
urrogate: 1,2-Dichloroethane-d4		101 %	70-130		11/08/23	11/10/23	
urrogate: 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	
urrogate: Bromofluorobenzene		104 %	70-130		11/08/23	11/10/23	
urrogate: 1,2-Dichloroethane-d4		101 %	70-130		11/08/23	11/10/23	
urrogate: 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	
Dil 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	



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Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Project Numbe Project Manage	er: 2211	7 Flameski 3-0001 ner Moehri		ate #1		Reported: 11/14/2023 3:03:44PM
	С	S-14 (0-0.5')					
		E311059-14					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	mg/kg		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	



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Carmona Resources 310 West Wall St. Suite 415	Project Name: Project Numbe		7 Flamesk 3-0001	immer S	tate #1		Reported:
Midland TX, 79701	Project Manag		ner Moehr	ring		11/14/2023 3:03:44PM	
	С	S-15 (0-0.5')					
		E311059-15					
		Reporting					
Analyte	Result	Limit	Dil	lution	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	
p-Xylene	ND	0.0250		1	11/08/23	11/10/23	
o,m-Xylene	ND	0.0500		1	11/08/23	11/10/23	
Fotal 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	
urrogate: 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	
Dil 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	



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Carmona Resources	Project Name:	OX	Y Flameski	immer S	tate #1		
310 West Wall St. Suite 415	Project Numbe	er: 2211	3-0001				Reported:
Midland TX, 79701	Project Manag	er: Con	ner Moehr	ing			11/14/2023 3:03:44PM
	С	S-16 (0-0.5')					
		E311059-16					
		Reporting					
Analyte	Result	Limit	Dil	ution	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	
p-Xylene	ND	0.0250		1	11/08/23	11/10/23	
o,m-Xylene	ND	0.0500		1	11/08/23	11/10/23	
Fotal 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	
urrogate: 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	
Dil 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

C P						//1			
Carmona Resources		Project Name:		XY Flameskin	nmer State	#1			Reported:
310 West Wall St. Suite 415		Project Number:		113-0001					
Midland TX, 79701		Project Manager:	Co	onner Moehrin	ıg			11.	/14/2023 3:03:44PM
		Volatile Organic	Compo	unds by EP	PA 82601	3	Analyst: RKS		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2345072-BLK1)							Prepared: 1	1/08/23 Ana	lyzed: 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: 1	1/08/23 Ana	lyzed: 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-()1	Prepared: 1	1/08/23 Ana	lyzed: 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: 1	1/08/23 Ana	lyzed: 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	
	0.514		0.500		103	70-130			
Surrogate: Bromofluorobenzene	0.017								
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4	0.519		0.500		104	70-130			



QC Summary Data

		QC DI		v					
Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701		Project Name: Project Number: Project Manager:	2	XY Flameskir 2113-0001 onner Moehrii		1			Reported: 11/14/2023 3:03:44PM
	N	onhalogenated O	rganics	by EPA 80	15D - GR		Analyst: RKS		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2345072-BLK1)					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: 1	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: 1	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: 1	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	
Gasoline Range Organics (Co-C10)									
Surrogate: Bromofluorobenzene	0.520		0.500		104	70-130			
	0.520 0.516		0.500 0.500		104 103	70-130 70-130			



QC Summary Data

		$\mathbf{v} \mathbf{v} \mathbf{v}$		ary Date	•				
Carmona Resources 310 West Wall St. Suite 415		Project Name: Project Number:		OXY Flameskir 22113-0001	nmer State	e #1			Reported:
Midland TX, 79701		Project Manager:		Conner Moehrir	ıg				11/14/2023 3:03:44PM
	Nonh	alogenated Org	anics by	y EPA 8015E) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2346002-BLK1)							Prepared: 1	1/13/23 A	nalyzed: 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: 1	1/13/23 A	nalyzed: 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: 1	1/13/23 A	nalyzed: 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: 1	1/13/23 A	nalyzed: 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

nmer State #	1				
			Reported		
g				11/14/2023 3:03:4	4PM
L				Analyst: BA	
Rec	Rec Limits	RPD	RPD Limit		
%	%	%	%	Notes	
		Prepared: 1	1/08/23	Analyzed: 11/11/23	;
		Prepared: 1	1/08/23	Analyzed: 11/11/23	6
97.3	90-110				
E311047-24		Prepared: 1	1/08/23	Analyzed: 11/11/23	6
98.8	80-120				
E311047-24		Prepared: 1	1/08/23	Analyzed: 11/11/23	1
98.7	80-120	0.104	20		
	% 97.3 E311047-24 98.8 E311047-24	Rec Rec % % 97.3 90-110 E311047-24 98.8 80-120 E311047-24	Rec Rec Rec Limits RPD % % % Prepared: 1 Prepared: 1 97.3 90-110 E311047-24 Prepared: 1 98.8 80-120 E311047-24 Prepared: 1	Rec RPD Limits RPD Limit %	Analyst: BA Rec RPD Mec Limits RPD % % % Notes Prepared: 11/08/23 Analyzed: 11/11/23 97.3 90-110 90-110 Prepared: 11/08/23 Analyzed: 11/11/23 Stationary of the state of the s



QC Summary Data

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Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701		Project Name: Project Number: Project Manager:	:	OXY Flameskir 22113-0001 Conner Moehrii		#1			Reported: 11/14/2023 3:03:44	4PM
		, ,		300.0/9056A	0				Analyst: BA	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2345115-BLK1)							Prepared: 1	1/10/23	Analyzed: 11/13/23	
Chloride	ND	20.0								
LCS (2345115-BS1)							Prepared: 1	1/10/23	Analyzed: 11/13/23	
Chloride	254	20.0	250		102	90-110				
Matrix Spike (2345115-MS1)				Source:	E311052-0	Prepared: 1	1/10/23	Analyzed: 11/13/23		
Chloride	263	20.0	250	ND	105	80-120				
Matrix Spike Dup (2345115-MSD1)				Source:	E311052-0	7	Prepared: 1	1/10/23	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.



Γ	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: <u>E311059</u>	
JO10 # 22.113 - 0001	

						Ch	iain	of	Cus	stoc	У					Worl JU	k Orde Ю⋕	er No: <u>(</u> 72_11		059 001 1_ of _2_
Project Manager:	Conner Moehr	ina			Bill to: (if	different)		Mark	Ritchie		-				Work Order Comments					
Contraction of the local division of the loc	Carmona Res	100			Company			Silverback Exploration												
Address: 310 W Wall St Ste 415				Address:										Program: UST/PST PRP rownfields RC perfund						
City, State ZIP: Midland, TX 79701				City, Stat										Reporting:Level III Level III ST/UST RRP Level IV Deliverables: EDD ADaPT Other:						
Phone: (432) 813-6823			Email	nail: mritchie@silverbackexp.con					com						Deliverables: EDD ADaPT Other:					
				1000	ANALYSIS RE															
Project Name:	UXY F		State #1	Routine	Turn Around Routine Rush		Pres.		-	r								Preservative Codes None: NO DI Water:		
Project Number:	-	1228					Code	1									-			DI Water: H ₂ O
Project Location	Eddy	County, New	Mexico	Due Date:					6									0.0000	ol: Cool	MeOH: Me
Sampler's Name: CRM			Stan	dard TAT			1	+ MRO)										L: HC 50 ₄ : H ₂	HNO ₃ : HN NaOH: Na	
		Temp Blank: Yes No		Wet Ice: Yes No		Parameters		RO +	o.										NaOn. Na	
Received Intact:		es No	Thermometer ID		Yes No		ame	021E	- +	Chloride 300.0										IC
ooler Custody Seals						Par	BTEX 8021B	GRO	ride									HSO ₄ : NAB 2S ₂ O ₃ : NaS		
ample Custody Sea						BTI) Wi	Chlo									Acetate+Na			
otal Containers:	100		Corrected Temp						3015	-								2016.00		ic Acid: SAPC
Sample Iden	tification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH 8015M (GRO + DRO									1	Sample	Comments
CS-1 (0-	-0.5')	11/2/2023		x	-	Comp	1	X	Х	х								1	NOH	
CS-2 (0-	2	11/2/2023		X		Comp	1	x	Х	х		-					-	2		
CS-3 (0-	A	11/2/2023		x		Comp	1	x	X	x							-	3	,	
CS-4 (0-	and the second s	11/2/2023		X		Comp	1	X	X	X		-				-		4		
CS-5 (0-		11/2/2023		X		Comp	1	X	X	X		_	+		-			C C		
CS-6 (0		11/2/2023		x		Comp	1	X	X	x					_					
CS-7 (0-		11/2/2023		X		Comp	1	x	X	x		-		_			_	4		
CS-8 (0-		11/2/2023		x		Comp	1	X	X	X		_						8		
CS-9 (0-		11/2/2023		x		Comp	1	X	X	x		-	+					4		
CS-10 (0		11/2/2023		x		Comp	1	X	X	X		_						10		
Comments: Email	I to Mike Carm		ona@carmonar	10.000	n and Co		ehring				monares	ources	.com			1				
6		Relinquished	by: (Signature)	1. 1. 2. 3			1	Date/	Time		2018		Re	eceived by	: (Sign	ature)		1.1		Date/Time
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entres e	Musso	year					11.7.			400	a	Ň		end						8/23 8:4
							Pa	ge 28	3 of 3	30			·							

Chain of Custody

Work Order N	E311059
70P#	22113-0001

timmer State #1 228 y, New Mexico RM k: Yes No o Thermometer IE N/A Correction Facto	Turr Routine Due Date: Stan Wet Ice:	Bill to: (r d Company Address: City, State City, State Rish Around Rush	e ZIP: @silverb	ackexp. Pres. Code			e Exploratio	on 	AN	IALYSI		State Repor	of Proje ting:Leve	T/PST [ct: el II [] Lu	PRP [⊡sт/ust [<u></u>]≀RC	lperfund Level IV		
kimmer State #1 228 y, New Mexico RM ik: Yes No b Thermometer IE	Turr Routine Due Date: Stan Wet Ice:	Address: City, State mritchie(Around Rush	e ZIP: @silverb	Pres.		back I	Exploratio	on	AN	IALYSI		State Repor	of Proje ting:Leve	el II 🗌 Le	evel III	⊡sт/ust [RRP			
kimmer State #1 228 y, New Mexico RM ik: Yes No b Thermometer IE	Turr Routine Due Date: Stan Wet Ice:	City, State	@silverb	Pres.	com				AN	IALYSI		Repor	ting:Lev	el II 🗌 Lo		100				
228 y, New Mexico RM k: Yes No b Thermometer IE	Turr Routine Due Date: Stan Wet Ice:	Around	@silverb	Pres.	com				AN	IALYSI						100				
228 y, New Mexico RM k: Yes No b Thermometer IE	Turr Routine Due Date: Stan Wet Ice:	Around Rush		Pres.					AN	IALYSI		Delive	rables:	EDD L	1 2	ADaPT 🗀	Other:			
228 y, New Mexico RM k: Yes No b Thermometer IE	Routine Due Date: Stan Wet Ice:	Rush				-			AN	ALYSI				Deliverables: EDD ADaPT Other:						
y, New Mexico RM k: Yes No D Thermometer IE	Due Date: Stan Wet Ice:	dard TAT								ANALYSIS REG				QUEST				Preservative Codes		
RM Ik: Yes No D Thermometer IE NA Correction Factor	Stan															None: N	None: NO DI Wate			
ik: Yes No D Thermometer IE NA Correction Factor	Wet Ice:															Cool: C	loc	MeOH: Me		
Thermometer ID	Wet Ice:					MRO)										HCL: H	C	HNO3: HN		
Thermometer ID		(Yes)				+										H ₂ S0 ₄ : I	H ₂	NaOH: Na		
N/A Correction Facto	D:			Parameters	8021B	+ DRO	300.0									H ₃ PO ₄ :				
	A REAL PROPERTY AND A REAL				X 80.	RO.	ide									NaHSO				
			- "	BTEX		Chloride									Na ₂ S ₂ O					
Custody Seals: Yes No NA Temperature Reading ontainers: Corrected Temperature						BTEX 80 TPH 8015M (GRO	°				1					The second second second second	ate+NaO			
	berature:					PH 8(NaOH+	ASCOLDIC	Acid: SAPC		
Date Time	Soil	Water Comp	Grab/	# of Cont		4										I C Sa	mple C	omments		
2/2023	X		Comp	1	x	X	x		-		-					11) 14:			
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Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Client:	Carmona Resources Da	ate Received:	11/08/23 08	3:45	Work Order ID: E311059
hone:	(432) 813-6823 Da	te Logged In:	11/07/23 15	5:20	Logged In By: Jordan Montano
Email:	cmochring@carmonaresouces.com Du	ie Date:	11/14/23 17	7:00 (4 day TAT)	
Chain o	f 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: C	Courier
4. Was tl	he 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 i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes		Comments/Resolution
Sample	<u>Turn Around Time (TAT)</u>				
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes		Time sampled not provided on COC p
Sample	<u>Cooler</u>				client.
7. Was a	sample cooler received?		Yes		
8. If yes,	, was cooler received in good condition?		Yes		
9. Was tl	he sample(s) received intact, i.e., not broken?		Yes		
10. Were	e custody/security seals present?		No		
11. If ye	s, were custody/security seals intact?		NA		
12. Was t	he sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are re- minutes of sampling		Yes		
13. If no	visible ice, record the temperature. Actual sample tem	nperature: <u>4°</u>	<u>C</u>		
Sample	<u>Container</u>	-			
	aqueous VOC samples present?		No		
	VOC samples collected in VOA Vials?		NA		
16. Is the	e 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 1	non-VOC samples collected in the correct containers?		Yes		
19. Is the	appropriate volume/weight or number of sample containers	collected?	Yes		
Field La	ibel				
20. Were	e field sample labels filled out with the minimum inform	ation:			
	Sample ID?		Yes		
	Date/Time Collected? Collectors name?		Yes	•	
	Preservation		No		
	s the COC or field labels indicate the samples were prese	rved?	No		
	sample(s) correctly preserved?		NA		
	b filteration required and/or requested for dissolved meta	ls?	No		
	ase Sample Matrix				
	s the sample have more than one phase, i.e., multiphase?		No		
	s, does the COC specify which phase(s) is to be analyzed		NA		
	tract Laboratory		4		
	samples required to get sent to a subcontract laboratory?		No		
	a subcontract laboratory specified by the client and if so			Subcontract Lab	n N/A
				sussessinger rau	/ · · · · · · · · · · · · · · · · · · ·

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



envirotech Inc.

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District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

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

CONDITIONS

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

CONDITIONS

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

Action 288790