

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: _____ Title: _____

Signature: Mark Ritchie Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 02/14/2023

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

Closure Approved by: Robert Hamlet Date: 6/15/2023

Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced



SITE INFORMATION

Closure Report
Federal BZ Battery
Incident # NAPP2221639776
Eddy County, New Mexico
Unit O Sec 21 T17S R25E
32.814515°, -104.485537°

Produced Water Release
Point of Release: Human Error while draining a tank
Release Date: 08/03/2022
Volume Released: Unknown barrels of Produced Water
Volume Recovered: 110 barrels of Produced Water

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



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February 14, 2023

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

**Re: Closure Report
Federal BZ Battery
Silverback Operating
Incident No. NAPP2221639776
Site Location: Unit O, S21, T17S, R25E
(Lat 32.814515°, Long -104.485537°)
Eddy County, New Mexico**

Mr. Bratcher:

On behalf of Silverback Operating (Silverback), Carmona Resources, LLC has prepared this letter to document site assessment activities for the Federal BZ Battery. The site is located at 32.814515, -104.485537 within Unit O, S21, T17S, R25E, and 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 release was discovered on August 3, 2021, caused by human error while removing a tank. It released an unknown amount of produced water, and 110 barrels were recovered. The impacted area measured is shown in Figure 3. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no water source is within a 0.50-mile radius of the location. The nearest identified well is located approximately 0.70 miles Southeast of the site in S27, T17S, R25E and was drilled in 2015. The well has a reported depth to groundwater of 225.79 feet below the ground surface (ft bgs). A copy of the associated Summary Report is attached in Appendix D.

On September 1, 2022, HCI Drilling, Inc was onsite to drill a groundwater determination bore to 105' below ground surface and within a 0.50-mile radius of the location. The bore was left open for 72 hours and tagged with a water level meter. No water was detected at 105' below the surface. The coordinates for the groundwater determination bore are 32.814537°, -104.480659°. See Appendix D for the log.

3.0 NMAC Regulatory Criteria

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

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 2,500 mg/kg (GRO + DRO + MRO).



- TPH: 1,000 mg/kg (GRO + DRO).
- Chloride: 20,000 mg/kg.

4.0 Site Assessment Activities

Drilling

Before drilling the site, a 3rd party had proceeded with excavating the site. On September 1, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release and to determine a stopping point. One (1) borehole was advanced to depths ranging from the surface to 25' bgs inside and surrounding the release area to evaluate the vertical and horizontal extent. See Figure 3 for the borehole locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E. Refer to Table 1.

5.0 Remediation/Reclamation Activities

Carmona Resources personnel was onsite to field screen and collect confirmation samples. Before collecting composite confirmation samples, the NMOCD division office was notified via email on August 30, 2022, per Subsection D of 19.15.29.12 NMAC. See Appendix C. See Table 1 for excavation depths. A total of one hundred and one (101) confirmation floor samples were collected (CS-1 through CS-101), and twelve (12) sidewall samples (SW-1 through SW-12) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figure 4.

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

Once the reclamation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 2,658 cubic yards of material were excavated and transported offsite for proper disposal.

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

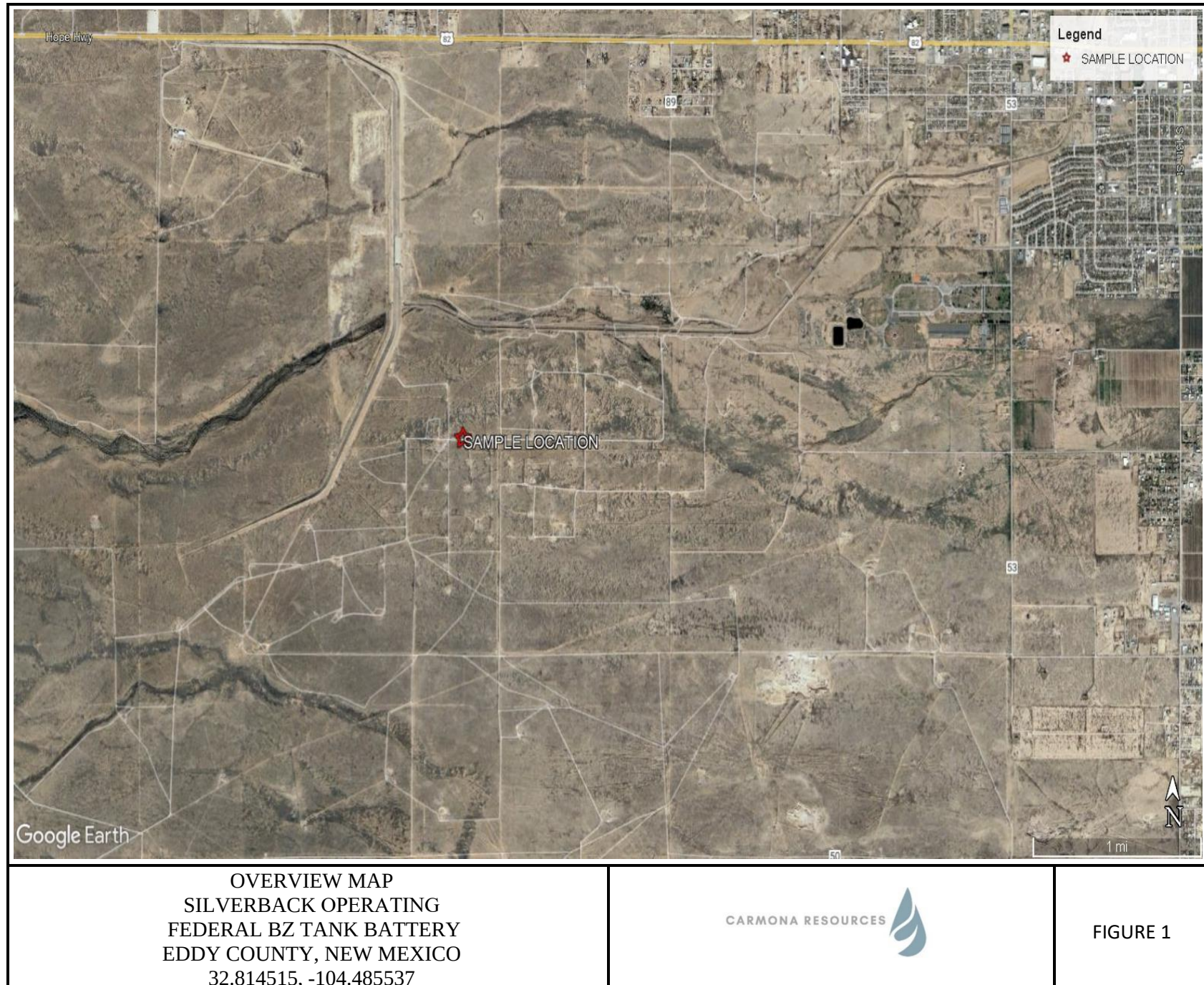
Mike Carmona
Environmental Manager

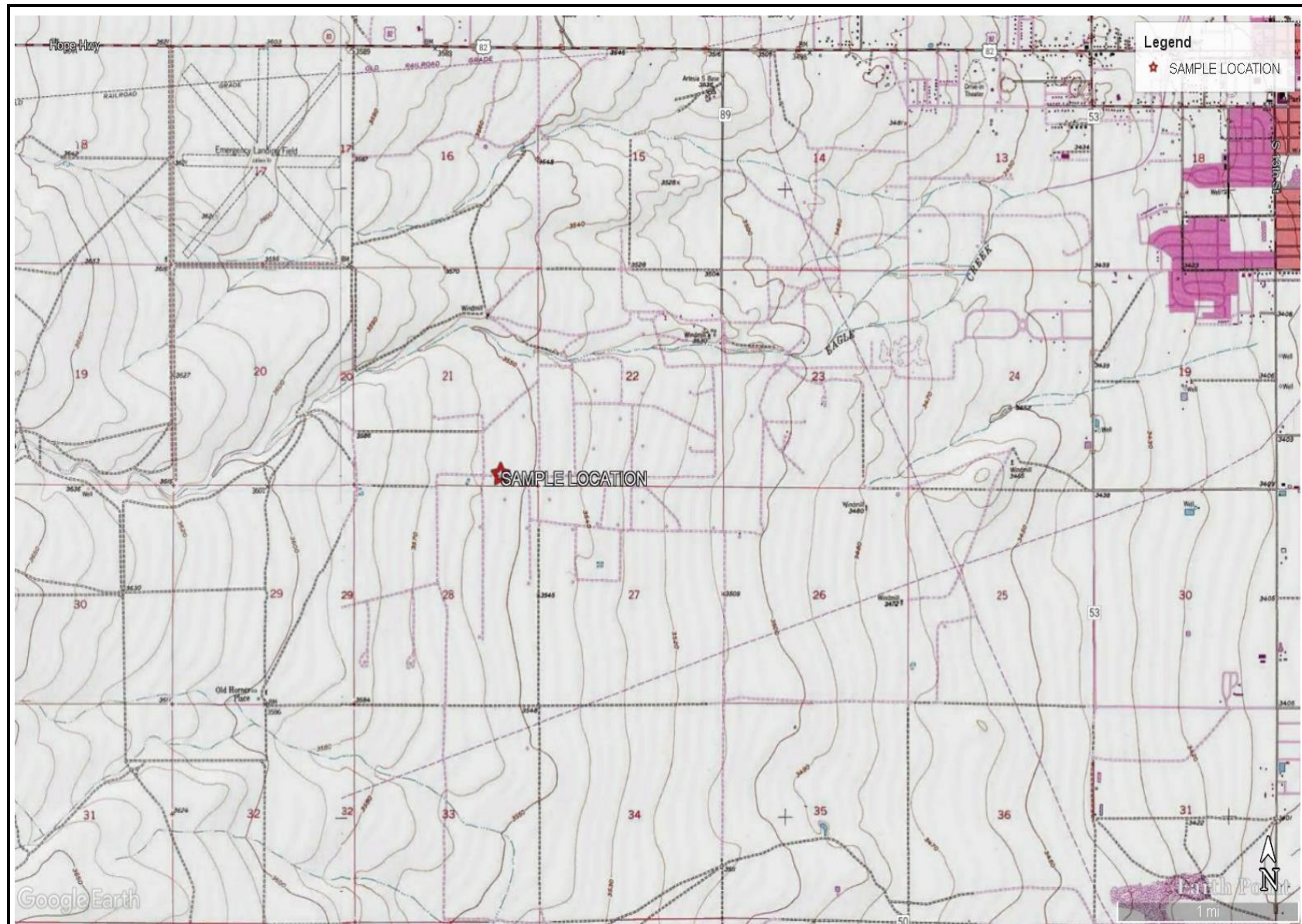
Conner Moehring
Sr. Project Manager

FIGURES

CARMONA RESOURCES







TOPOGRAPHIC MAP
SILVERBACK OPERATING
FEDERAL BZ TANK BATTERY
EDDY COUNTY, NEW MEXICO
32.814515, -104.485537



FIGURE 2





APPENDIX A

CARMONA RESOURCES



Table 1
Silverback Federal B2 Tank Battery
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
BH-1	9/1/2022	0-4	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00400	364
	"	5.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00401	901
	"	7.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00402	835
	"	10.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00201	<0.00402	314
	"	15.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00399	220
	"	20.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00396	198
	"	25.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00202	<0.00403	96.6
Regulatory Criteria ^A			1,000 mg/kg		2,500 mg/kg		10 mg/kg	-	-	-	50 mg/kg	20,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(BH) Borehole

Table 2
Silverback Federal B2 Tank Battery
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	49.2
CS-2	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	65.3
CS-3	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	41.5
CS-4	9/6/2022	4.0	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	13.7
CS-5	9/6/2022	4.0	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	9.23
CS-6	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	54.4
CS-7	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	68.6
CS-8	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	59.9
CS-9	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	37.7
CS-10	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	8.21
CS-11	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	9.25
CS-12	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	7.53
CS-13	9/6/2022	4.0	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	61.1
CS-14	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	73.8
CS-15	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	8.83
CS-16	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	42.1
CS-17	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	44.0
CS-18	9/6/2022	4.0	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	9.51
CS-19	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	9.06
CS-20	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	119
Regulatory Criteria^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg	-	-	-	50 mg/kg	20,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

(SW) Sidewall

Table 2
Silverback Federal B2 Tank Battery
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-21	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	46.1
CS-22	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	134
CS-23	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	139
CS-24	9/6/2022	4.0	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	92.9
CS-25	9/6/2022	4.0	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	109
CS-26	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	11.6
CS-27	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	31.7
CS-28	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	138
CS-29	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	120
CS-30	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	105
CS-31	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	12.0
CS-32	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	51.3
CS-33	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	31.8
CS-34	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	98.6
CS-35	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	147
CS-36	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	29.0
CS-37	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	40.6
CS-38	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	178
CS-39	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	144
CS-40	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	47.1
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg	-	-	-	50 mg/kg	20,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Table 2
Silverback Federal B2 Tank Battery
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-41	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	44.0
CS-42	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	56.0
CS-43	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	92.5
CS-44	9/6/2022	4.0	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	146
CS-45	9/6/2022	4.0	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	52.3
CS-46	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	66.9
CS-47	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	8.36
CS-48	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	12.2
CS-49	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	9.62
CS-50	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	12.7
CS-51	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	132
CS-52	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	59.8
CS-53	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	65.8
CS-54	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	12.5
CS-55	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	8.91
CS-56	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	10.4
CS-57	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	14.3
CS-58	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	87.7
CS-59	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	132
CS-60	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	40.4
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg	-	-	-	50 mg/kg	20,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

(SW) Sidewall

Table 2
Silverback Federal B2 Tank Battery
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-61	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	68.7
CS-62	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	9.86
CS-63	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	8.71
CS-64	9/6/2022	4.0	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	9.09
CS-65	9/6/2022	4.0	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	10.4
CS-66	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	119
CS-67	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	116
CS-68	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	105
CS-69	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	138
CS-70	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	63.0
CS-71	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	9.76
CS-72	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	115
CS-73	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	107
CS-74	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	47.9
CS-75	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	52.8
CS-76	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	10.5
CS-77	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	32.6
CS-78	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	10.3
CS-79	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	9.52
CS-80	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	7.78
Regulatory Criteria [^]			1,000 mg/kg			2,500 mg/kg	10 mg/kg	-	-	-	50 mg/kg	20,000 mg/kg

(-) Not Analyzed

[^] – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Table 2
Silverback Federal B2 Tank Battery
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-81	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	34.5
CS-82	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	57.3
CS-83	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	99.1
CS-84	9/6/2022	4.0	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	62.2
CS-85	9/6/2022	4.0	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	106
CS-86	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	13.5
CS-87	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	9.07
CS-88	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	34.3
CS-89	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	74.5
CS-90	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	9.79
CS-91	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	13.8
CS-92	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	52.5
CS-92	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	54.3
CS-94	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	59.2
CS-95	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	94.7
CS-96	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	9.32
CS-97	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	12.0
CS-98	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	44.2
CS-99	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	48.1
CS-100	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	7.17
Regulatory Criteria [^]			1,000 mg/kg			2,500 mg/kg	10 mg/kg	-	-	-	50 mg/kg	20,000 mg/kg

(-) Not Analyzed

[^] – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Table 2
Silverback Federal B2 Tank Battery
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-101	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	56.0
SW-1	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	97.7
SW-2	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	10.7
SW-3	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	51.2
SW-4	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	81.4
SW-5	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	12.0
SW-6	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	10.7
SW-7	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	79.5
SW-8	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	53.3
SW-9	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	114
SW-10	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	20.0
SW-11	9/6/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	68.9
SW-12	9/6/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	40.1
Regulatory Criteria^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg	-	-	-	50 mg/kg	20,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

(SW) Sidewall

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Silverback Operating

Photograph No. 1

Facility: Federal BZ Tank Battery

County: Eddy County, New Mexico

Description:

View East, of the groundwater determination bore.



Photograph No. 2

Facility: Federal BZ Tank Battery

County: Eddy County, New Mexico

Description:

View North, area of confirmation samples (1-50).



Photograph No. 3

Facility: Federal BZ Tank Battery

County: Eddy County, New Mexico

Description:

View Northeast, area of confirmation samples (51-101).



APPENDIX C

CARMONA RESOURCES



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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

Incident ID	nAPP2221639776
District RP	
Facility ID	
Application ID	131513

Release Notification

Responsible Party

Responsible Party Silverback Operating II, LLC	OGRID 330968
Contact Name Mark Ritchie	Contact Telephone (210) 874-2406
Contact email mritchie@silverbackexp.com	Incident # (assigned by OCD) nAPP2221639776
Contact mailing address 108 S 4th st Artesia, NM 88211	

Location of Release Source

Latitude 32.814519 Longitude -104.485568
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Federal BZ Battery	Site Type Central Tank Battery
Date Release Discovered 08/03/2022	API# (if applicable)

Unit Letter	Section	Township	Range	County
O	21	17S	25E	Eddy

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

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) Unknown	Volume Recovered (bbls) 110
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☒ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release Sub-contractor employee removed valve on 750bbl 'gun barrel' tank while attempting to drain.

Form C-141

State of New Mexico
Oil Conservation Division

Page 2

Incident ID	nAPP2221639776
District RP	
Facility ID	
Application ID	131513

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? Over 25bbl fluid was released unintentionally.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Initial phone call was made by Mark Ritchie to Laura Tulk with a follow up email sent to Mike Bratcher on the morning of 8/4/2022.	

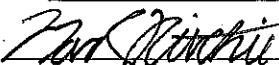
Initial Response

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.	☐ The responsible party could not take action.
If all the actions described above have <u>not</u> been undertaken, explain why:	

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

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

Printed Name: **Mark Ritchie** Title: **HSE Manager**
 Signature:  Date: **08/04/2022**
 email: **mritchie@silverbackexp.com** Telephone: **(210) 874-2406**

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

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

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

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature: Mark Ritchie Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 02/14/2023

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: _____ Title: _____

Signature: Mark Ritchie Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 02/14/2023

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

From: Mike Carmona
Sent: Tuesday, August 30, 2022 1:23 PM
To: OCD.Enviro@state.nm.us
Cc: jadams@hazmatspecialservices.com; Clint Merritt; Conner Moehring
Subject: Silverback Exploration- Silverback Federal BZ Tank Battery- Sampling Notification

Good Afternoon,

On behalf of Silverback Exploration, Carmona Resources will collect confirmation samples at the below-referenced site on 09/01/22 around 3:30 p.m Mountain Time. Please let me know if you have any questions.

Silverback Exploration- Silverback Federal BZ Tank Battery
Sec 21 T17S R25E Unit P
32.814484 -104.485547
Eddy County, New Mexico

Mike J. Carmona
310 West Wall Street, Suite 415
Midland TX, 79701
M: ~~432-813-1992~~
Mcarmona@carmonaresources.com

CARMONA RESOURCES



APPENDIX D

CARMONA RESOURCES



Groundwater

Determination Bore Map

Silverback Operating

Legend

- 0.50 Mile Radius
- Federal BZ Tank Battery
- GWDB - 105'



CARMONA RESOURCES



Project Name :	Silverback Fed BZ TB	Date :	Thursday, September 1, 2022
Project No. :	1116	Sampler :	Clinton Merritt
Location :	Eddy County, New Mexico	Driller :	HCI
Coordinates :	32.814537°, -104.480659°	Method :	Air Rotary
Elevation :	3,517'		

Depth (ft.)	WL	Soil Description	Lithology	Depth (ft.)	WL	Soil Description	Lithology
0		Light brown sandy clay with <5% small, well graded, well cemented gravel (GC).		50		Light brown sandy clay with >50% small-medium, well cemented, rounded, poorly graded gravel (GP).	
5		Light brown sandy clay with <5% small, well graded, well cemented gravel (GC).		55		Light brown sandy clay with >50% small-medium, well cemented, rounded, poorly graded gravel (GP).	
10		Light brown sandy clay with >50% medium, well cemented, rounded, poorly graded gravel (GM).		60		Light brown sandy clay with >50% small-medium, well cemented, rounded, poorly graded gravel (GP).	
15		Light brown sandy clay with >50% medium, well cemented, rounded, poorly graded gravel (GM).		65		Light brown sandy clay with >50% small-medium, well cemented, rounded, poorly graded gravel (GP).	
20		Light brown sandy clay with >50% medium, well cemented, rounded, poorly graded gravel (GM).		70		Light brown sandy clay with >50% small-medium, well cemented, rounded, poorly graded gravel (GP).	
25		Light brown sandy clay with >50% medium, well cemented, rounded, poorly graded gravel (GM).		75		Light brown sandy clay with >50% small-medium, well cemented, rounded, poorly graded gravel (GP).	
30		Light brown sandy clay with >50% small-medium, well cemented, rounded, poorly graded gravel (GP).		80		Light brown very soft sandy clay, with >50% medium, well cemented angular-rounded, poorly graded gravel (GP).	
35		Light brown sandy clay with >50% small-medium, well cemented, rounded, poorly graded gravel (GP).		85		Light brown very soft sandy clay, with >50% medium, well cemented angular-rounded, poorly graded gravel (GP).	
40		Light brown sandy clay with >50% small-medium, well cemented, rounded, poorly graded gravel (GP).		90		Light brown very soft sandy clay, with >50% medium, well cemented angular-rounded, poorly graded gravel (GP).	
45		Light brown sandy clay with >50% small-medium, well cemented, rounded, poorly graded gravel (GP).		95		Light brown very soft sandy clay, with >50% medium, well cemented angular-rounded, poorly graded gravel (GP).	
50				105			

Comments : Drilling started at 10:00 CT. Terminated at 11:50 CT with no detection of groundwater. 72 Hours Later well was tagged with Water level meter and no Groundwater present.

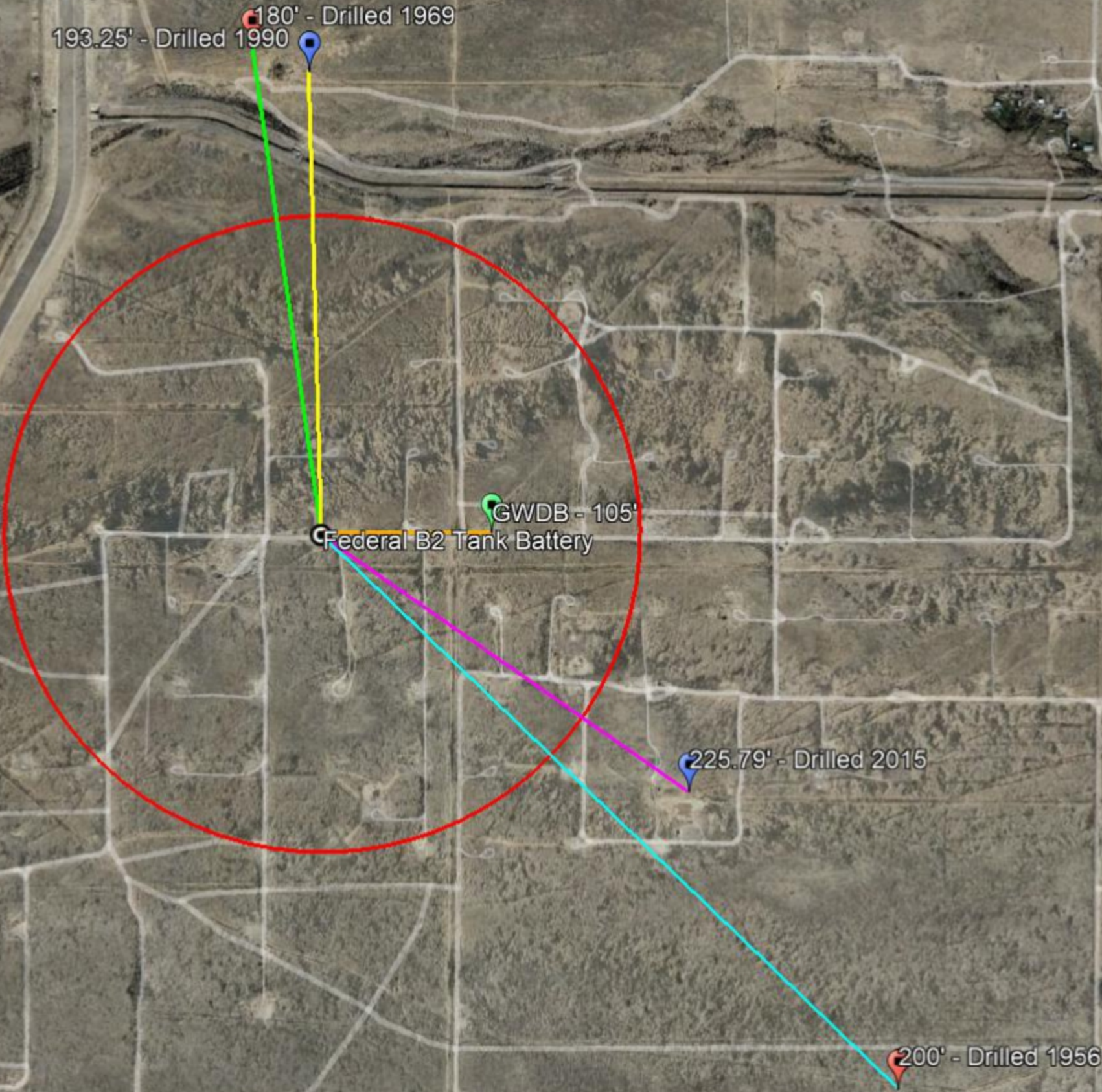
Terminated at 105' bgs

Nearest water well

Silverback Exploration

Legend

- 0.27 Miles
- 0.50 Mile Radius
- 0.70 Miles
- 0.74 Miles
- 0.77 Miles
- 1.25 Miles
- Federal B2 Tank Battery
- Groundwater Determination Bore - 105'
- NMSEO Water Well
- USGS Water Well



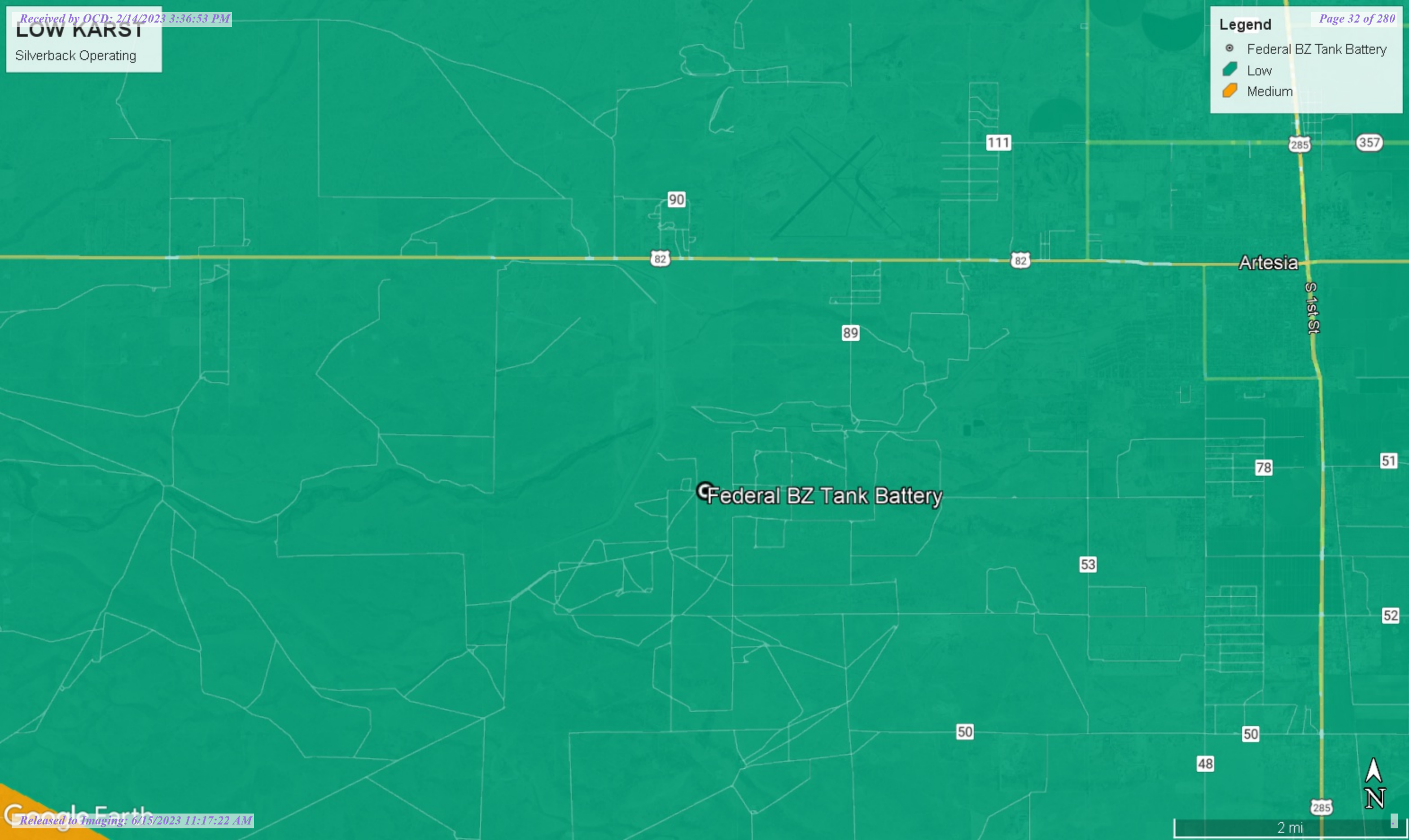
3000 ft

LOW KARST

Silverback Operating

Legend

-  Federal BZ Tank Battery
-  Low
-  Medium





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
RA 01380		RA	ED	3	1	4	01	17S	25E	552622	3636093*	250		
RA 01380 CLW198744	O	RA	ED	3	1	4	01	17S	25E	552622	3636093*	250		
RA 01380 S		RA	ED	3	1	4	01	17S	25E	552622	3636093*	230	130	100
RA 01382 BA		RA	ED	3	4	2	01	17S	25E	553028	3636499*	220	160	60
RA 01398		RA	ED			2	12	17S	25E	552929	3635189*	83		
RA 01398 CLW	O	RA	ED	1	1	2	12	17S	25E	552625	3635488*	300	90	210
RA 01398 S	O	RA	ED	1	1	2	12	17S	25E	552625	3635488*	220		
RA 01498		RA	ED	1	3	1	13	17S	25E	551827	3633474*	290		
RA 01503 G		RA	ED	4	4	4	12	17S	25E	553239	3634085*	149	80	69
RA 01503 G-REPAR	O	RA	ED	4	4	4	12	17S	25E	553239	3634085*	200	126	74
RA 01978		RA	ED		4	4	12	17S	25E	553140	3634186*	150		
RA 02151 AS		RA	ED	3	3	1	08	17S	25E	545360	3634887*	195		
RA 02179		RA	ED	3	4	1	01	17S	25E	552216	3636497*	210	180	30
RA 02200		RA	ED	4	2	2	13	17S	25E	553242	3633683*	144	100	44
RA 02244		RA	ED	2	2	2	13	17S	25E	553242	3633883*	101	85	16
RA 02288		RA	ED		3	2	13	17S	25E	552740	3633379*	112		
RA 02298		RA	ED		4	1	12	17S	25E	552319	3634986*	170	139	31
RA 02350		RA	ED	4	4	4	11	17S	25E	551617	3634078*	216	174	42
RA 02361		RA	ED	4	3	4	11	17S	25E	551215	3634076*	174	150	24
RA 02361 REPAR 2		RA	ED	4	3	4	11	17S	25E	551215	3634076*	174	150	24
RA 02363		RA	ED		3	4	12	17S	25E	552733	3634184*			
RA 02390		RA	ED	4	3	4	11	17S	25E	551215	3634076*	168		
RA 02438		RA	CH	1	2	2	13	17S	25E	553042	3633883*	120		
RA 02484		RA	ED	3	4	2	13	17S	25E	553045	3633280*	140		
RA 02490		RA	ED	1	4	2	13	17S	25E	553045	3633480*	130		
RA 02495		RA	ED				13	17S	25E	552539	3633173*	125	80	45

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(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
RA 02498	RA	ED		2	4	12	17S	25E		553138	3634588*	115		
RA 02516	RA	ED		4	4	4	12	17S	25E	553239	3634085*	150		
RA 02524	RA	ED		2	1	2	13	17S	25E	552836	3633881*	127		
RA 02525	RA	ED		4	4	2	13	17S	25E	553245	3633280*			
RA 02526	RA	ED			3	4	12	17S	25E	552733	3634184*	100		
RA 02535	RA	ED		2	4	4	11	17S	25E	551617	3634278*	200		
RA 02537	RA	ED		1	2	2	13	17S	25E	553042	3633883*	125	80	45
RA 02553	RA	ED			2	2	13	17S	25E	553143	3633784*	130	90	40
RA 02570	RA	ED		2	2	1	13	17S	25E	552429	3633879*	136		
RA 02576	RA	ED		4	1	1	13	17S	25E	552023	3633677*	164		
RA 02615	RA	ED		2	2	4	11	17S	25E	551613	3634680*	187		
RA 02620	RA	ED		2	4	2	13	17S	25E	553245	3633480*	142	110	32
RA 02631	RA	ED		3	2	2	13	17S	25E	553042	3633683*	134	75	59
RA 02696	RA	ED			3	4	12	17S	25E	552733	3634184*	150		
RA 02704	RA	ED		4	4	1	13	17S	25E	552433	3633276*	130	70	60
RA 02748	RA	ED		3	4	2	13	17S	25E	553045	3633280*	200	160	40
RA 02754	RA	ED		2	2	1	13	17S	25E	552429	3633879*	130	115	15
RA 02760	RA	ED			4	1	12	17S	25E	552319	3634986*	200	168	32
RA 02760 REPAR	RA	ED			4	1	12	17S	25E	552319	3634986*	162	141	21
RA 02776	RA	ED		1	3	4	24	17S	25E	552658	3631062*	218		
RA 02807	RA	ED		3	4	4	11	17S	25E	551417	3634078*	160	150	10
RA 02825	RA	ED			4	4	12	17S	25E	553140	3634186*	135	88	47
RA 02875	RA	ED			1	2	13	17S	25E	552737	3633782*	180		
RA 02876	RA	ED			3	4	12	17S	25E	552733	3634184*	151	90	61
RA 02896	RA	ED			3	4	12	17S	25E	552733	3634184*	134	104	30
RA 02899	RA	ED		3	2	4	11	17S	25E	551413	3634480*	175	140	35
RA 02907	RA	ED		4	3	4	12	17S	25E	552832	3634083*	200		
RA 02918	RA	ED		4	4	2	04	17S	25E	548385	3636497*	200		
RA 02926	RA	ED			2	2	13	17S	25E	553143	3633784*	130	91	39

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(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
RA 02937	RA	ED		2	1	2	13	17S	25E	552836	3633881*	130	95	35
RA 02950	RA	ED		4	3	4	12	17S	25E	552832	3634083*	138	98	40
RA 02957	RA	ED		4	4	1	12	17S	25E	552418	3634885*	150	108	42
RA 02975	RA	ED		3	2	2	13	17S	25E	553042	3633683*	211	130	81
RA 02981	RA	ED		3	4	4	12	17S	25E	553039	3634085*	147	98	49
RA 03033	RA	ED					12	17S	25E	552523	3634784*	135	95	40
RA 03073	RA	ED		1	2	2	13	17S	25E	553042	3633883*	140	105	35
RA 03108	RA	ED		3	3	4	12	17S	25E	552632	3634083*	150	115	35
RA 03119	RA	ED		4	3	4	12	17S	25E	552832	3634083*	135	120	15
RA 03139	RA	ED		1	4	2	13	17S	25E	553045	3633480*	135	110	25
RA 03186	RA	ED		1	4	2	13	17S	25E	553045	3633480*	160	110	50
RA 03214	RA	ED				2	13	17S	25E	552941	3633580*	170	110	60
RA 03237	RA	ED		1	2	2	13	17S	25E	553042	3633883*	148	105	43
RA 03238	RA	ED		1	2	2	13	17S	25E	553042	3633883*	152	105	47
RA 03246	RA	ED		4	4	4	11	17S	25E	551617	3634078*	340	140	200
RA 03324	RA	ED		4	3	4	11	17S	25E	551215	3634076*	200	146	54
RA 03337	RA	ED		4	3	4	12	17S	25E	552832	3634083*	140	95	45
RA 03350	RA	ED					06	17S	25E	544454	3636396*	210	30	180
RA 03459	RA	ED		4	4	4	11	17S	25E	551617	3634078*	210	160	50
RA 03475	RA	ED		1	2	2	13	17S	25E	553042	3633883*	147	108	39
RA 03525	RA	ED		2	3	4	27	17S	25E	549630	3629446*	250	200	50
RA 03528	RA	ED		1	1	1	15	17S	25E	548592	3633879*	200	170	30
RA 03590	RA	CH		4	4	4	25	17S	25E	553273	3629250*	266	150	116
RA 03603	RA	ED			4	2	13	17S	25E	553146	3633381*	138	115	23
RA 03622	RA	ED			1	2	14	17S	25E	551119	3633774*	205	140	65
RA 03624	RA	ED			2	4	01	17S	25E	553130	3636196*	208	180	28
RA 03676	RA	ED		1	1	2	14	17S	25E	551018	3633873*	215	180	35
RA 03780	RA	ED		4	2	4	12	17S	25E	553237	3634487*	159	112	47
RA 03792	RA	ED		1	1	2	12	17S	25E	552625	3635488*	166	132	34

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POD Number	POD Sub- Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
RA 03915	RA	CH		3	2	4	11	17S	25E	551413	3634480*	247	190	57
RA 03915 REPAR2	RA	ED		3	3	2	11	17S	25E	551009	3634882*	247	190	57
RA 03988	RA	ED		1	1	2	15	17S	25E	549401	3633875*	325	190	135
RA 04008	RA	ED		2	4	2	22	17S	25E	550017	3631858*	325	200	125
RA 04012	RA	ED		3	3	1	23	17S	25E	550224	3631658*	247	171	76
RA 04057	RA	ED			1	1	02	17S	25E	550301	3636998*	220	170	50
RA 04075	RA	ED				3	07	17S	25E	544059	3634381*	387	230	157
RA 04170	RA	ED		3	3	4	36	17S	25E	552680	3627635*	207		
RA 04231	RA	ED		3	3	4	09	17S	25E	547776	3634084*	296	226	70
RA 04274	R	RA	ED			3	09	17S	25E	547261	3634386*	200		
RA 04274 POD2	RA	ED		1	4	3	09	17S	25E	547412	3634308	350	204	146
RA 04301	RA	ED			3	4	09	17S	25E	547877	3634185*	250		
RA 04524	RA	ED				4	09	17S	25E	548078	3634386*	300	200	100
RA 04586	RA	ED		4	4	2	13	17S	25E	553245	3633280*	250		
RA 04597	RA	ED		3	3	4	29	17S	25E	546196	3629247*	190		
RA 04714	RA	ED		2	1	1	12	17S	25E	552007	3635482*	206	161	45
RA 04714 REPAR	RA	ED		2	1	1	12	17S	25E	552007	3635482*	217	170	47
RA 04740	RA	ED		4	4	4	12	17S	25E	553239	3634085*	150		
RA 04773	RA	ED			1	2	14	17S	25E	551119	3633774*	312		
RA 04777	RA	ED		2	2	4	12	17S	25E	553237	3634687*	200	110	90
RA 04777 REPAR 2	RA	ED		2	2	4	12	17S	25E	553237	3634687*	312		
RA 04791	RA	ED			3	1	24	17S	25E	551943	3631765*	1107		
RA 04884	RA	ED		2	1	4	09	17S	25E	547977	3634687*	300	190	110
RA 04898	RA	ED			1	3	01	17S	25E	551909	3636190*	230	155	75
RA 05055	RA	ED			1	4	35	17S	25E	551160	3628136*	245	185	60
RA 05133	RA	ED		4	3	4	11	17S	25E	551215	3634076*	250	179	71
RA 05244	RA	ED		3	1	3	09	17S	25E	546961	3634487*	181	160	21
RA 05286	RA	ED		2	1	3	23	17S	25E	550426	3631456*	285	196	89
RA 05376	RA	ED			4	2	01	17S	25E	553129	3636600*	190	130	60

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POD Number	POD Sub- Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
RA 05380	R	RA	ED	2	3	4	08	17S	25E	546361	3634282*	325	87	238
RA 05404		RA	ED	2	3	4	11	17S	25E	551215	3634276*	252	200	52
RA 05405		RA	ED	4	2	2	15	17S	25E	550006	3633673*	356	220	136
RA 05413		RA	ED	4	1	3	09	17S	25E	547161	3634487*	368	210	158
RA 05520		RA	ED	4	1	2	21	17S	25E	547981	3632060*	225	180	45
RA 05623		RA	ED				12	17S	25E	552523	3634784*	215	145	70
RA 05629		RA	ED	1	2	1	12	17S	25E	552216	3635485*	231		
RA 05665		RA	ED	2	2	3	11	17S	25E	550809	3634678*			
RA 05697		RA	ED		3	4	09	17S	25E	547877	3634185*	285	280	5
RA 05797		RA	ED	3	4	2	01	17S	25E	553028	3636499*	216	106	110
RA 05827		RA	ED	4	2	1	12	17S	25E	552416	3635285*	240	175	65
RA 05867		RA	ED	4	4	2	04	17S	25E	548385	3636497*	184	159	25
RA 05868		RA	ED	4	4	2	04	17S	25E	548385	3636497*	240	185	55
RA 05894		RA	ED	1	2	1	12	17S	25E	552216	3635485*	225	155	70
RA 05949		RA	ED		2	1	06	17S	25E	544251	3637003*	210		
RA 05958		RA	CH	1	1	3	09	17S	25E	546961	3634687*	260	195	65
RA 05999		RA	ED	2	1	1	09	17S	25E	547166	3635494*	295	185	110
RA 06041		RA	ED	2	3	3	09	17S	25E	547159	3634284*	307	160	147
RA 06045		RA	ED		1	4	12	17S	25E	552731	3634586*	230		
RA 06052		RA	ED			2	16	17S	25E	548078	3633576*	265		
RA 06056		RA	ED		2	2	01	17S	25E	553128	3637003*	260		
RA 06095		RA	ED	2	3	4	08	17S	25E	546361	3634282*	295	205	90
RA 06107		RA	ED			1	01	17S	25E	552112	3636799*	265	185	80
RA 06124		RA	ED		3	3	09	17S	25E	547060	3634185*	300	195	105
RA 06127	R	RA	ED	2	2	2	01	17S	25E	553227	3637102*	220	150	70
RA 06127 POD2		RA	ED	2	2	2	01	17S	25E	553184	3637157	240	181	59
RA 06132	R	RA	ED			4	01	17S	25E	552924	3635991*	240		
RA 06132 POD2		RA	ED	4	1	3	01	17S	25E	551997	3636036	280	200	80
RA 06133		RA	ED			4	01	17S	25E	552924	3635991*	230		

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POD Number	POD Sub- Code	basin	County	Q Q Q					X	Y	Depth Well	Depth Water	Water Column		
				64	16	4	Sec	Tws						Rng	
RA 06139	RA	ED		4	1	02	17S	25E	550703	3636597*		300			
RA 06147	RA	CH				01	17S	25E	552511	3636385*		277			
RA 06153	RA	ED			3	01	17S	25E	552109	3635983*		225	210	15	
RA 06158	RA	ED		4	1	3	01	17S	25E	552008	3636089*		257	227	30
RA 06171	RA	ED		3	1	3	01	17S	25E	551808	3636089*		244	210	34
RA 06200	R	RA	ED	3	1	3	01	17S	25E	551808	3636089*		240	163	77
RA 06200 POD2		RA	ED	3	1	3	01	17S	25E	551877	3636149		275	218	57
RA 06206		RA	ED	4	3	3	01	17S	25E	552007	3635681*		255	190	65
RA 06237		RA	ED	3	2	4	11	17S	25E	551413	3634480*		243	80	163
RA 06246		RA	ED	3	1	1	02	17S	25E	550200	3636897*		231		
RA 06288		RA	ED	1	3	1	14	17S	25E	550213	3633467*		350	210	140
RA 06322		RA	CH	2	3	4	09	17S	25E	547976	3634284*		310	210	100
RA 06422		RA	ED	1	3	1	14	17S	25E	550213	3633467*		300	195	105
RA 06437		RA	ED	3	2	1	12	17S	25E	552216	3635285*		246	180	66
RA 06481		RA	ED	3	4	2	16	17S	25E	548183	3633274*		268	205	63
RA 06493		RA	ED	1	1	4	09	17S	25E	547777	3634687*		8	315	-307
RA 06497		RA	ED		3	4	12	17S	25E	552733	3634184*		275		
RA 06565		RA	ED		3	3	01	17S	25E	551908	3635782*		250		
RA 06597		RA	ED	4	4	1	02	17S	25E	550802	3636496*		249	180	69
RA 06612		RA	CH	4	4	3	09	17S	25E	547567	3634084*		325	225	100
RA 06629		RA	ED	3	3	2	14	17S	25E	551021	3633271*		362	300	62
RA 06651		RA	ED	4	1	3	09	17S	25E	547161	3634487*		300	200	100
RA 06652		RA	ED	3	1	1	14	17S	25E	550211	3633671*		280	135	145
RA 06674		RA	ED	4	1	3	09	17S	25E	547161	3634487*		360	200	160
RA 06715		RA	ED	2	1	3	01	17S	25E	552008	3636289*		270	203	67
RA 06731		RA	ED	1	2	2	01	17S	25E	553027	3637102*		221	160	61
RA 06808		RA	ED	2	2	3	09	17S	25E	547569	3634687*		330	260	70
RA 06832		RA	ED		3	3	09	17S	25E	547060	3634185*		250	173	77
RA 06837		RA	ED		4	09	17S	25E	548078	3634386*		325	220	105	

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(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q Q Q					X	Y	Depth Well	Depth Water	Water Column		
				64	16	4	Sec	Tws						Rng	
RA 06844	RA	ED		2	2	15	17S	25E	549907	3633774*		320	200	120	
RA 06863	RA	ED					02	17S	25E	550902	3636392*		260	200	60
RA 06883	RA	ED	2	2	3	09	17S	25E	547569	3634687*		287	180	107	
RA 06884	RA	ED	2	2	3	09	17S	25E	547569	3634687*		272			
RA 06914	RA	ED		4	2	13	17S	25E	553146	3633381*					
RA 06924	RA	ED			3	01	17S	25E	552109	3635983*		240	192	48	
RA 07025	RA	ED		3	4	11	17S	25E	551116	3634177*		250	200	50	
RA 07051	RA	ED				09	17S	25E	547663	3634788*		405	223	182	
RA 07058	RA	ED	3	4	4	11	17S	25E	551417	3634078*		225	180	45	
RA 07070	RA	ED	4	4	1	12	17S	25E	552418	3634885*		218	168	50	
RA 07074	RA	ED		3	4	11	17S	25E	551116	3634177*		325	175	150	
RA 07077	RA	ED		4	1	12	17S	25E	552319	3634986*		240	190	50	
RA 07083	RA	ED		3	4	11	17S	25E	551116	3634177*		215	165	50	
RA 07113	RA	ED			3	07	17S	25E	544059	3634381*		390	295	95	
RA 07120	RA	CH	1	1	1	14	17S	25E	550211	3633871*		326	220	106	
RA 07140	RA	ED		1	1	14	17S	25E	550312	3633772*		301	200	101	
RA 07151	RA	ED			1	14	17S	25E	550515	3633569*		300	195	105	
RA 07187	RA	ED	3	3	4	09	17S	25E	547776	3634084*		387	220	167	
RA 07248	RA	ED	2	4	3	07	17S	25E	544357	3634279*		380	300	80	
RA 07295	RA	ED		1	3	09	17S	25E	547062	3634588*		261	210	51	
RA 07375	R	RA	ED	2	1	4	11	17S	25E	551212	3634679*		237	205	32
RA 07375 CLW377603	O	RA	ED	2	1	4	11	17S	25E	551212	3634679*		237	205	32
RA 07375 POD2		RA	ED	2	1	4	11	17S	25E	551212	3634679*		250	160	90
RA 07388		RA	ED	4	4	3	09	17S	25E	547567	3634084*		380	165	215
RA 07417		RA	ED	1	3	1	14	17S	25E	550213	3633467*		265	180	85
RA 07483	R	RA	ED			3	02	17S	25E	550500	3635990*		387	300	87
RA 07483 POD2		RA	ED	1	4	1	02	17S	25E	550625	3636635		308	200	108
RA 07495		RA	ED	1	4	4	11	17S	25E	551417	3634278*		255	150	105
RA 07524		RA	ED	2	2	2	01	17S	25E	553227	3637102*		225	170	55

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(In feet)

POD Number	POD Sub- Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
RA 07546	RA	ED		1	1	14	17S	25E		550312	3633772*	300		
RA 07570	RA	ED		3	1	4	11	17S	25E	551012	3634479*	235	227	8
RA 07574	RA	ED		2	3	3	09	17S	25E	547159	3634284*	285	190	95
RA 07583	RA	ED			3	09	17S	25E		547261	3634386*	310	175	135
RA 07599	RA	ED		3	2	3	09	17S	25E	547369	3634487*	318	185	133
RA 07616	RA	ED		4	1	4	11	17S	25E	551212	3634479*	236	210	26
RA 07673	RA	ED		1	3	1	14	17S	25E	550213	3633467*	250	190	60
RA 07696	RA	ED			3	01	17S	25E		552109	3635983*	292	180	112
RA 07697 EXPL	RA	ED			3	01	17S	25E		552109	3635983*	292	180	112
RA 07736	RA	ED			3	4	11	17S	25E	551116	3634177*	260	210	50
RA 07770	RA	ED			1	03	17S	25E		548892	3636797*	400	210	190
RA 07773	RA	ED			4	09	17S	25E		548078	3634386*	397	200	197
RA 07793	RA	ED			3	01	17S	25E		552109	3635983*	240	190	50
RA 08034	RA	ED		2	1	2	15	17S	25E	549601	3633875*	332	180	152
RA 08095	RA	ED		1	3	4	12	17S	25E	552632	3634283*	160	50	110
RA 08120	RA	ED		1	1	1	17	17S	25E	545365	3633877*	714		
RA 08188	RA	ED		4	1	1	14	17S	25E	550411	3633671*	275	150	125
RA 08199	RA	ED		4	1	4	11	17S	25E	551212	3634479*	250	190	60
RA 08274	RA	ED		2	3	3	01	17S	25E	552007	3635881*	250	190	60
RA 08552	RA	ED		4	4	4	12	17S	25E	553239	3634085*	230	140	90
RA 08609	RA	ED		2	2	4	11	17S	25E	551613	3634680*	250	190	60
RA 08712	RA	ED		4	3	4	11	17S	25E	551215	3634076*	270	155	115
RA 08716	RA	ED		1	2	1	13	17S	25E	552229	3633879*	250	180	70
RA 08771	RA	ED		4	1	3	01	17S	25E	552008	3636089*	250	150	100
RA 08862	RA	ED		4	1	4	11	17S	25E	551212	3634479*	300	205	95
RA 08997	RA	ED		2	1	3	01	17S	25E	552008	3636289*	300	220	80
RA 09094	RA	ED		2	2	2	01	17S	25E	553227	3637102*	220	160	60
RA 09175	RA	ED		3	2	2	15	17S	25E	549806	3633673*	400	140	260
RA 09183	RA	ED		2	3	1	11	17S	25E	550403	3635081*	250	190	60

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(In feet)

POD Number	POD Sub- Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
RA 09191	RA	ED		3	2	2	15	17S	25E	549806	3633673*	320	220	100
RA 09202	RA	ED			3	4	11	17S	25E	551116	3634177*	275		
RA 09225	RA	ED		2	1	4	09	17S	25E	547977	3634687*	285	170	115
RA 09279	RA	ED		2	2	4	01	17S	25E	553229	3636295*	213	155	58
RA 09375	RA	ED		1	1	3	01	17S	25E	551808	3636289*	250	190	60
RA 09425	RA	ED			4	2	01	17S	25E	553129	3636600*	220		
RA 09432	RA	ED			4	1	12	17S	25E	552319	3634986*	245		
RA 09521	RA	ED		1	1	3	01	17S	25E	551808	3636289*	250	190	60
RA 09554	RA	ED				2	01	17S	25E	552924	3636800*	220	165	55
RA 09567	RA	ED		1	1	3	14	17S	25E	550216	3633064*	257	210	47
RA 09773	RA	ED			2	2	15	17S	25E	549907	3633774*	350	200	150
RA 09777	RA	ED			4	2	13	17S	25E	553146	3633381*	240	160	80
RA 09810	RA	ED		3	1	4	11	17S	25E	551012	3634479*	260	120	140
RA 09911	RA	ED		1	1	1	14	17S	25E	550211	3633871*	280	150	130
RA 09977	RA	CH		2	3	4	09	17S	25E	547976	3634284*	403	403	0
RA 09986	RA	ED		3	2	3	09	17S	25E	547369	3634487*	325	190	135
RA 10069	RA	ED		4	4	3	09	17S	25E	547567	3634084*	320	185	135
RA 10084	RA	ED		2	2	3	21	17S	25E	547589	3631455*	280		
RA 10102	RA	ED		4	4	2	01	17S	25E	553228	3636499*	220	160	60
RA 10107	RA	ED		3	2	3	09	17S	25E	547369	3634487*	320	180	140
RA 10134	RA	ED		1	3	1	14	17S	25E	550213	3633467*	290		
RA 10166	RA	ED		1	2	1	12	17S	25E	552216	3635485*	240	150	90
RA 10170	RA	ED		1	4	3	09	17S	25E	547367	3634284*	320	195	125
RA 10171	RA	ED		1	2	3	09	17S	25E	547369	3634687*	320	195	125
RA 10199	RA	ED		3	3	4	01	17S	25E	552622	3635689*	250	175	75
RA 10234	RA	ED		2	4	2	01	17S	25E	553228	3636699*	205	132	73
RA 10234 CLW275870	O	RA	ED	2	4	2	01	17S	25E	553228	3636699*	220	170	50
RA 10301	RA	ED			4	2	15	17S	25E	549909	3633370*	340	170	170
RA 10313	RA	ED		2	4	1	12	17S	25E	552418	3635085*	250		

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(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
RA 10331	RA	ED		1	3	1	17	17S	25E	545368	3633474*	350	100	250
RA 10351	RA	ED		1	2	4	11	17S	25E	551413	3634680*	300	200	100
RA 10422	RA	ED		1	4	1	12	17S	25E	552218	3635085*	220	180	40
RA 10423	RA	ED			3	1	14	17S	25E	550314	3633368*	300	160	140
RA 10454	RA	ED		1	3	4	08	17S	25E	546161	3634282*	345	200	145
RA 10468	RA	ED		1	4	1	14	17S	25E	550617	3633469*	325	274	51
RA 10468 POD2	RA	ED		1	4	1	14	17S	25E	550377	3633754	325	274	51
RA 10483	RA	ED		3	2	4	11	17S	25E	551413	3634480*	320	200	120
RA 10607	RA	ED			3	3	08	17S	25E	545464	3634182*	350	220	130
RA 10613	RA	ED		3	2	3	08	17S	25E	545760	3634485*	350	220	130
RA 10661	RA	ED		3	2	4	11	17S	25E	551413	3634480*	320	180	140
RA 10750	RA	ED		2	4	2	15	17S	25E	550034	3633537	315	170	145
RA 10781	RA	ED		1	2	1	12	17S	25E	552216	3635485*	220	180	40
RA 10811	RA	CH			3	1	01	17S	25E	551911	3636598*	252	180	72
RA 11005 POD1	RA	ED		2	2	2	15	17S	25E	550006	3633873*	400	200	200
RA 11082 POD1	RA	ED		2	3	1	14	17S	25E	550375	3633567	300	180	120
RA 11135 POD1	RA	ED		3	3	3	01	17S	25E	551807	3635681*	260	200	60
RA 11148 POD1	RA	ED		4	4	1	01	17S	25E	552416	3636497*	262	175	87
RA 11153 POD1	RA	ED			3		01	17S	25E	552109	3635983*	260	200	60
RA 11165 POD1	R	RA	ED		4	2	15	17S	25E	549909	3633370*	300	170	130
RA 11174 POD1	RA	ED		1	3	2	12	17S	25E	552211	3635282	250	200	50
RA 11400 POD1	RA	ED		4	1	1	14	17S	25E	550458	3633616	360	179	181
RA 11426 POD1	RA	ED		3	1	3	17	17S	25E	545645	3633854	618	340	278
RA 11559 POD1	RA	ED		2	1	1	14	17S	25E	550402	3633828	365	222	143
RA 11574 POD1	RA	ED		1	3	1	14	17S	25E	550282	3633477	410	228	182
RA 11601 [POD1	RA	ED		2	1	1	14	17S	25E	550402	3633873	220	145	75
RA 11679 POD1	RA	ED		1	3	3	01	17S	25E	551784	3636493	260	196	64
RA 11687 POD1	RA	ED		4	3	3	01	17S	25E	552033	3635749	280	210	70
RA 11738 POD1	RA	ED		4	1	3	09	17S	25E	547204	3634493	380	205	175

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POD Number	POD		Q Q Q							X	Y	Depth Well	Depth Water	Water Column	
	Sub-Code	basin	County	64	16	4	Sec	Tws	Rng						
RA 11744 POD1	RA	ED	2	1	4	14	17S	25E	551297	3633100		300	187	113	
RA 11789 POD1	RA	ED	4	3	1	01	17S	25E	551873	3636457		320	203	117	
RA 11831 POD1	RA	ED	3	2	2	15	17S	25E	549730	3633613		400	190	210	
RA 11908 POD1	RA	ED	4	3	1	01	17S	25E	552107	3636396		300	201	99	
RA 11909 POD1	RA	ED	4	3	1	01	17S	25E	551925	3636365		280	202	78	
RA 11958 POD1	RA	ED	4	1	2	25	17S	25E	552770	3630496		300	179	121	
RA 12124 POD1	R	RA	ED	3	1	3	09	17S	25E	547034	3634548		420	350	70
RA 12270 POD1	RA	ED	4	1	4	11	17S	25E	551300	3634501		240	200	40	
RA 12310 POD1	RA	ED	1	1	2	14	17S	25E	551080	3633927		350	190	160	
RA 12374 POD1	RA	ED	4	3	2	12	17S	25E	552929	3634883		255	192	63	
RA 12437 POD1	RA	ED	2	1	2	13	17S	25E	552771	3633819		70	65	5	
RA 12620 POD1	RA	ED	3	3	3	01	17S	25E	551843	3635693		280	200	80	
RA 12631 POD1	RA	ED	1	2	2	15	17S	25E	549780	3633908		305	215	90	
RA 12640	RA	ED	1	2	2	15	17S	25E	549763	3633857		300	205	95	
RA 12659 POD1	RA	ED	1	2	1	12	17S	25E	552221	3635455		280	193	87	
RA 12712 POD1	RA	ED	4	2	4	23	17S	25E	551583	3631340			105		
RA 12744 POD1	RA	ED	3	3	4	11	17S	25E	550931	3634166		305	255	50	
RA 12812 POD1	RA	ED	3	3	1	01	17S	25E	551823	3636487		280	220	60	
RA 12869 POD1	RA	ED	1	3	4	09	17S	25E	547803	3634239		310	205	105	
RA 12896 POD1	RA	ED	3	1	4	07	17S	25E	544527	3634512		360	230	130	
RA 12929 POD1	RA	ED	2	2	3	07	17S	25E	544422	3634637		360	232	128	
RA 12940 POD1	RA	ED	3	3	1	13	17S	25E	551850	3633346		300	142	158	
RA 13076 POD1	RA	ED	4	2	2	15	17S	25E	550004	3633635		298	194	104	
RA 13100 POD1	RA	ED	3	3	3	01	17S	25E	551814	3635652		270	215	55	
RA 13125 POD1	RA	ED	2	4	1	23	17S	25E	550821	3631792					
RA 13126 POD1	RA	ED	3	2	1	27	17S	25E	552138	3630482					
RA 13132 POD1	RA	ED	2	3	3	01	17S	25E	551949	3635807		280	200	80	
RA 13178 POD1	RA	ED	3	3	3	01	17S	25E	551806	3635679		260	215	45	
RA 13228 POD1	RA	ED	4	3	1	01	17S	25E	552112	3636569		350			

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POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
RA 13229 POD1	RA	ED		2	2	3	15	17S	25E	549280	3633163		320	

Average Depth to Water: **175 feet**

Minimum Depth: **30 feet**

Maximum Depth: **403 feet**

Record Count: 317

PLSS Search:

Township: 17S

Range: 25E

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.

10/12/22 8:32 PM

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WATER COLUMN/ AVERAGE
DEPTH TO WATER

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	
				Groundwater	New Mexico	GO	

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- Effective October 24, 2022 hyperlinks to legacy Current Condition pages will automatically redirect users to the corresponding Monitoring Location page. Please see the [Water Data For The Nation Blog](#) for full details, including how to navigate back to the legacy Current Condition page, if desired.
- Explore the NEW [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
- [Full News](#) 

Groundwater levels for New Mexico

Click to hide state-specific text

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

Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 324831104283201

Minimum number of levels = 1

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

USGS 324831104283201 17S.25E.27.141413

Eddy County, New Mexico

Latitude 32°48'31", Longitude 104°28'32" NAD27

Land-surface elevation 3,538 feet above NAVD88

The depth of the well is 250 feet below land surface.

This well is completed in the Roswell Basin aquifer system (S400RSWLBS) national aquifer.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1979-03-28		D	62610		3326.46	NGVD29	1		Z	
1979-03-28		D	62611		3328.02	NAVD88	1		Z	
1979-03-28		D	72019	209.98			1		Z	
1984-02-01		D	62610		3318.03	NGVD29	1		Z	
1984-02-01		D	62611		3319.59	NAVD88	1		Z	
1984-02-01		D	72019	218.41			1		Z	
1989-01-31		D	62610		3323.93	NGVD29	1		Z	
1989-01-31		D	62611		3325.49	NAVD88	1		Z	
1989-01-31		D	72019	212.51			1		Z	
1990-03-06		D	62610		3323.87	NGVD29	P		S	
1990-03-06		D	62611		3325.43	NAVD88	P		S	
1990-03-06		D	72019	212.57			P		S	

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	
1994-02-16		D	62610	3322.52	NGVD29	1	S
1994-02-16		D	62611	3324.08	NAVD88	1	S
1994-02-16		D	72019	213.92		1	S
1999-02-02		D	62610	3321.69	NGVD29	1	S
1999-02-02		D	62611	3323.25	NAVD88	1	S
1999-02-02		D	72019	214.75		1	S
2003-01-25		D	62610	3320.77	NGVD29	1	S
2003-01-25		D	62611	3322.33	NAVD88	1	S
2003-01-25		D	72019	215.67		1	S
2004-02-11		D	62610	3320.52	NGVD29	1	S
2004-02-11		D	62611	3322.08	NAVD88	1	S
2004-02-11		D	72019	215.92		1	S
2005-02-09 16:00 UTC		m	62610	3320.02	NGVD29	1	S
2005-02-09 16:00 UTC		m	62611	3321.58	NAVD88	1	S
2005-02-09 16:00 UTC		m	72019	216.42		1	S
2006-02-01 17:35 UTC		m	62610	3319.99	NGVD29	1	S
2006-02-01 17:35 UTC		m	62611	3321.55	NAVD88	1	S
2006-02-01 17:35 UTC		m	72019	216.45		1	S
2007-02-05 16:00 UTC		m	62610	3319.67	NGVD29	1	S
2007-02-05 16:00 UTC		m	62611	3321.23	NAVD88	1	S
2007-02-05 16:00 UTC		m	72019	216.77		1	S
2008-01-16 16:30 UTC		m	62610	3319.51	NGVD29	1	S
2008-01-16 16:30 UTC		m	62611	3321.07	NAVD88	1	S
2008-01-16 16:30 UTC		m	72019	216.93		1	S
2009-01-07 19:30 UTC		m	62610	3319.32	NGVD29	1	S
2009-01-07 19:30 UTC		m	62611	3320.88	NAVD88	1	S
2009-01-07 19:30 UTC		m	72019	217.12		1	S
2010-01-21 19:00 UTC		m	62610	3319.03	NGVD29	1	S
2010-01-21 19:00 UTC		m	62611	3320.59	NAVD88	1	S
2010-01-21 19:00 UTC		m	72019	217.41		1	S
2011-01-26 19:30 UTC		m	62610	3318.75	NGVD29	1	S
2011-01-26 19:30 UTC		m	62611	3320.31	NAVD88	1	S
2011-01-26 19:30 UTC		m	72019	217.69		1	S
2012-01-17 18:20 UTC		m	62610	3318.35	NGVD29	1	S
2012-01-17 18:20 UTC		m	62611	3319.91	NAVD88	1	S
2012-01-17 18:20 UTC		m	72019	218.09		1	S
2013-01-28 21:50 UTC		m	62610	3319.33	NGVD29	1	S
2013-01-28 21:50 UTC		m	62611	3320.89	NAVD88	1	S
2013-01-28 21:50 UTC		m	72019	217.11		1	S
2015-01-15 20:40 UTC		m	62610	3310.65	NGVD29	1	S
2015-01-15 20:40 UTC		m	62611	3312.21	NAVD88	1	S
2015-01-15 20:40 UTC		m	72019	225.79		1	S

Explanation

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	?
Referenced vertical datum:		NOTES		National Geodetic Vertical Datum of 1929			
Status		1	Static				
Status		P	Pumping				
Method of measurement		S	Steel-tape measurement.				
Method of measurement		Z	Other.				
Measuring agency			Not determined				
Measuring agency		NM001	New Mexico State Engineers Office				
Measuring agency		USGS	U.S. Geological Survey				
Source of measurement			Not determined				
Source of measurement		A	Reported by another government agency (do not use "A" if reported by owner, use "O").				
Source of measurement		S	Measured by personnel of reporting agency.				
Water-level approval status		A	Approved for publication -- Processing and review completed.				

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Title: Groundwater for New Mexico: Water Levels
URL: [https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?](https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?site_no=324831104283201&agency_cd=USGS&format=html)



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Page Last Modified: 2022-10-27 11:48:07 EDT
0.29 0.24 nadww01

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	
				Groundwater	New Mexico	GO	

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- Effective October 24, 2022 hyperlinks to legacy Current Condition pages will automatically redirect users to the corresponding Monitoring Location page. Please see the [Water Data For The Nation Blog](#) for full details, including how to navigate back to the legacy Current Condition page, if desired.
- Explore the NEW [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
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Groundwater levels for New Mexico

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Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 324930104290901

Minimum number of levels = 1

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

USGS 324930104290901 17S.25E.21.214423

Eddy County, New Mexico

Latitude 32°49'30", Longitude 104°29'09" NAD27

Land-surface elevation 3,561 feet above NAVD88

The depth of the well is 225 feet below land surface.

This well is completed in the Roswell Basin aquifer system (S400RSWLBS) national aquifer.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
1955-01-07		D	62610		3391.09	NGVD29	1		Z	
1955-01-07		D	62611		3392.62	NAVD88	1		Z	
1955-01-07		D	72019	168.38			1		Z	
1979-02-23		D	62610		3375.68	NGVD29	1		Z	
1979-02-23		D	62611		3377.21	NAVD88	1		Z	
1979-02-23		D	72019	183.79			1		Z	
1984-02-06		D	62610		3373.18	NGVD29	P		Z	
1984-02-06		D	62611		3374.71	NAVD88	P		Z	
1984-02-06		D	72019	186.29			P		Z	
1989-01-25		D	62610		3373.28	NGVD29	1		Z	
1989-01-25		D	62611		3374.81	NAVD88	1		Z	
1989-01-25		D	72019	186.19			1		Z	

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum
1989-06-02	D	62610	3373.40	NGVD29	1	Z
1989-06-02	D	62611	3374.93	NAVD88	1	Z
1989-06-02	D	72019	186.07		1	Z
1990-03-06	D	62610	3366.22	NGVD29	1	Z
1990-03-06	D	62611	3367.75	NAVD88	1	Z
1990-03-06	D	72019	193.25		1	Z

Explanation

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

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Title: Groundwater for New Mexico: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>



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Page Last Modified: 2022-10-27 11:43:11 EDT

0.28 0.25 nadww02



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)				(quarters are smallest to largest)		(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng	X	Y
	RA 05520	4	1	2	21	17S	25E	547981	3632060* 
Driller License: 460		Driller Company:				JENKINS BROTHERS DRILLING			
Driller Name:									
Drill Start Date: 07/08/1969		Drill Finish Date:				07/12/1969		Plug Date:	
Log File Date: 07/15/1969		PCW Rcv Date:						Source: Shallow	
Pump Type:		Pipe Discharge Size:						Estimated Yield:	
Casing Size:		Depth Well:				225 feet		Depth Water: 180 feet	

*UTM location was derived from PLSS - see Help

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

10/27/22 9:39 AM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)					
		(quarters are smallest to largest)		(NAD83 UTM in meters)			
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng
	RA 03525	2	3	4	27	17S	25E
						X	Y
						549630	3629446*

Driller License:	62	Driller Company:	BEATTY, J.R.
Driller Name:			
Drill Start Date:	01/20/1956	Drill Finish Date:	01/25/1956
Log File Date:	01/21/1957	PCW Rev Date:	
Pump Type:		Pipe Discharge Size:	
Casing Size:		Depth Well:	250 feet
		Depth Water:	200 feet

Water Bearing Stratifications:	Top	Bottom	Description
	220	245	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	220	250

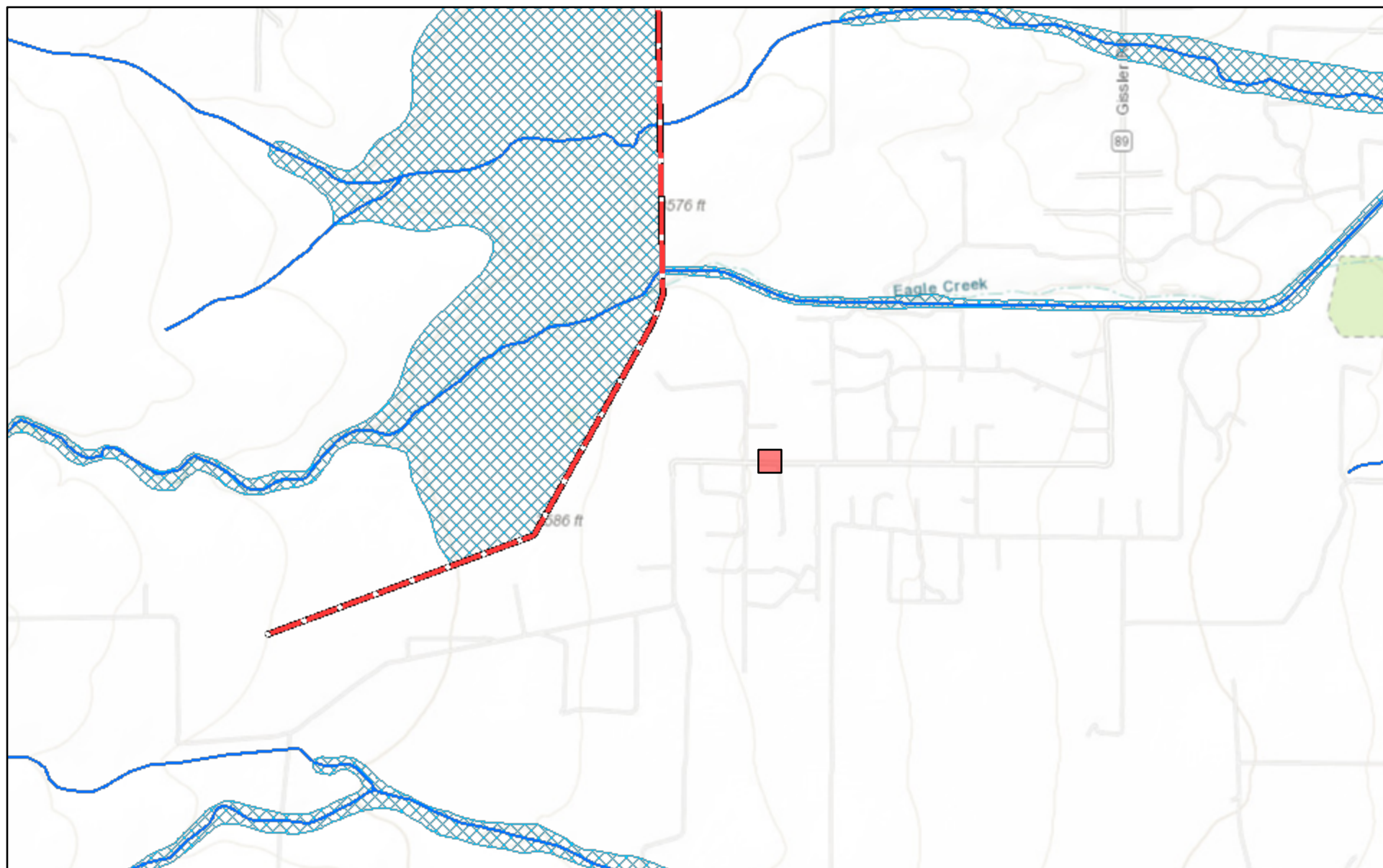
*UTM location was derived from PLSS - see Help

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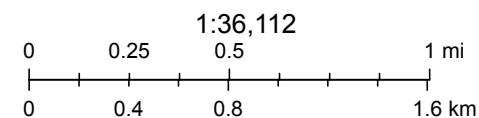
10/27/22 9:40 AM

POINT OF DIVERSION SUMMARY

New Mexico NFHL Data



October 12, 2022



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

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APPENDIX E

CARMONA RESOURCES





Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-18787-1

Laboratory Sample Delivery Group: Eddy Co, NM
Client Project/Site: Silverback Federal B2 Tank Battery

For:

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

Attn: Mike Carmona

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

Authorized for release by:

9/7/2022 9:52:29 AM

Jessica Kramer, Project Manager
(432)704-5440

Jessica.Kramer@et.eurofinsus.com

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

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

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Laboratory Job ID: 880-18787-1
SDG: Eddy Co, NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18787-1
SDG: Eddy Co, NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18787-1
SDG: Eddy Co, NM

Job ID: 880-18787-1

Laboratory: Eurofins Midland

Narrative

**Job Narrative
880-18787-1**

Receipt

The samples were received on 9/2/2022 9:42 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 0.5°C

GC VOA

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-33623/2-A) and (LCSD 880-33623/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-33623 and analytical batch 880-33680 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-33653 and analytical batch 880-33668 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18787-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-18787-1

Date Collected: 09/01/22 00:00

Matrix: Solid

Date Received: 09/02/22 09:42

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/02/22 15:22	09/05/22 06:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/02/22 15:22	09/05/22 06:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/02/22 15:22	09/05/22 06:18	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/02/22 15:22	09/05/22 06:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/02/22 15:22	09/05/22 06:18	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/02/22 15:22	09/05/22 06:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	09/02/22 15:22	09/05/22 06:18	1
1,4-Difluorobenzene (Surr)	102		70 - 130	09/02/22 15:22	09/05/22 06:18	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			09/05/22 09:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/06/22 13:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1 F2	49.9		mg/Kg		09/02/22 11:00	09/03/22 12:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U F2	49.9		mg/Kg		09/02/22 11:00	09/03/22 12:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/02/22 11:00	09/03/22 12:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130	09/02/22 11:00	09/03/22 12:00	1
o-Terphenyl	87		70 - 130	09/02/22 11:00	09/03/22 12:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	364	F1	5.02		mg/Kg			09/07/22 01:51	1

Client Sample ID: BH-1 (5')

Lab Sample ID: 880-18787-2

Date Collected: 09/01/22 00:00

Matrix: Solid

Date Received: 09/02/22 09:42

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/02/22 15:22	09/05/22 06:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/02/22 15:22	09/05/22 06:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/02/22 15:22	09/05/22 06:39	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/02/22 15:22	09/05/22 06:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/02/22 15:22	09/05/22 06:39	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/02/22 15:22	09/05/22 06:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	09/02/22 15:22	09/05/22 06:39	1
1,4-Difluorobenzene (Surr)	104		70 - 130	09/02/22 15:22	09/05/22 06:39	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18787-1
SDG: Eddy Co, NM

Client Sample ID: BH-1 (5')

Lab Sample ID: 880-18787-2

Date Collected: 09/01/22 00:00

Matrix: Solid

Date Received: 09/02/22 09:42

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			09/05/22 09:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/06/22 13:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/02/22 11:00	09/03/22 13:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/02/22 11:00	09/03/22 13:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/02/22 11:00	09/03/22 13:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				09/02/22 11:00	09/03/22 13:05	1
o-Terphenyl	103		70 - 130				09/02/22 11:00	09/03/22 13:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	901		5.05		mg/Kg			09/07/22 02:19	1

Client Sample ID: BH-1 (7')

Lab Sample ID: 880-18787-3

Date Collected: 09/01/22 00:00

Matrix: Solid

Date Received: 09/02/22 09:42

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/02/22 15:22	09/05/22 06:59	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/02/22 15:22	09/05/22 06:59	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/02/22 15:22	09/05/22 06:59	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/02/22 15:22	09/05/22 06:59	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/02/22 15:22	09/05/22 06:59	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/02/22 15:22	09/05/22 06:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				09/02/22 15:22	09/05/22 06:59	1
1,4-Difluorobenzene (Surr)	105		70 - 130				09/02/22 15:22	09/05/22 06:59	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/05/22 09:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/06/22 13:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/02/22 11:00	09/03/22 13:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/02/22 11:00	09/03/22 13:26	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18787-1
SDG: Eddy Co, NM

Client Sample ID: BH-1 (7')

Lab Sample ID: 880-18787-3

Date Collected: 09/01/22 00:00

Matrix: Solid

Date Received: 09/02/22 09:42

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/02/22 11:00	09/03/22 13:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				09/02/22 11:00	09/03/22 13:26	1
o-Terphenyl	99		70 - 130				09/02/22 11:00	09/03/22 13:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	835		5.03		mg/Kg			09/07/22 02:28	1

Client Sample ID: BH-1 (10')

Lab Sample ID: 880-18787-4

Date Collected: 09/01/22 00:00

Matrix: Solid

Date Received: 09/02/22 09:42

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/02/22 15:22	09/05/22 07:20	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/02/22 15:22	09/05/22 07:20	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/02/22 15:22	09/05/22 07:20	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/02/22 15:22	09/05/22 07:20	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/02/22 15:22	09/05/22 07:20	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/02/22 15:22	09/05/22 07:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				09/02/22 15:22	09/05/22 07:20	1
1,4-Difluorobenzene (Surr)	104		70 - 130				09/02/22 15:22	09/05/22 07:20	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/05/22 09:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/06/22 13:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/02/22 11:00	09/03/22 13:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/02/22 11:00	09/03/22 13:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/02/22 11:00	09/03/22 13:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				09/02/22 11:00	09/03/22 13:48	1
o-Terphenyl	98		70 - 130				09/02/22 11:00	09/03/22 13:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	314		4.97		mg/Kg			09/07/22 02:56	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18787-1
SDG: Eddy Co, NM

Client Sample ID: BH-1 (15')

Lab Sample ID: 880-18787-5

Date Collected: 09/01/22 00:00

Matrix: Solid

Date Received: 09/02/22 09:42

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/02/22 15:22	09/05/22 07:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/02/22 15:22	09/05/22 07:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/02/22 15:22	09/05/22 07:40	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/02/22 15:22	09/05/22 07:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/02/22 15:22	09/05/22 07:40	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/02/22 15:22	09/05/22 07:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	09/02/22 15:22	09/05/22 07:40	1
1,4-Difluorobenzene (Surr)	104		70 - 130	09/02/22 15:22	09/05/22 07:40	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/05/22 09:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/06/22 13:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/02/22 11:00	09/03/22 14:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/02/22 11:00	09/03/22 14:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/02/22 11:00	09/03/22 14:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	09/02/22 11:00	09/03/22 14:09	1
o-Terphenyl	103		70 - 130	09/02/22 11:00	09/03/22 14:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	220		4.98		mg/Kg			09/07/22 03:05	1

Client Sample ID: BH-1 (20')

Lab Sample ID: 880-18787-6

Date Collected: 09/01/22 00:00

Matrix: Solid

Date Received: 09/02/22 09:42

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/02/22 15:22	09/05/22 09:29	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/02/22 15:22	09/05/22 09:29	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/02/22 15:22	09/05/22 09:29	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		09/02/22 15:22	09/05/22 09:29	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/02/22 15:22	09/05/22 09:29	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/02/22 15:22	09/05/22 09:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	09/02/22 15:22	09/05/22 09:29	1
1,4-Difluorobenzene (Surr)	108		70 - 130	09/02/22 15:22	09/05/22 09:29	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18787-1
SDG: Eddy Co, NM

Client Sample ID: BH-1 (20')

Lab Sample ID: 880-18787-6

Date Collected: 09/01/22 00:00

Matrix: Solid

Date Received: 09/02/22 09:42

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			09/05/22 09:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/06/22 13:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/02/22 11:00	09/03/22 14:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/02/22 11:00	09/03/22 14:30	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/02/22 11:00	09/03/22 14:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				09/02/22 11:00	09/03/22 14:30	1
o-Terphenyl	104		70 - 130				09/02/22 11:00	09/03/22 14:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	198		5.00		mg/Kg			09/07/22 03:15	1

Client Sample ID: BH-1 (25')

Lab Sample ID: 880-18787-7

Date Collected: 09/01/22 00:00

Matrix: Solid

Date Received: 09/02/22 09:42

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/02/22 15:22	09/05/22 09:50	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/02/22 15:22	09/05/22 09:50	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/02/22 15:22	09/05/22 09:50	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		09/02/22 15:22	09/05/22 09:50	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/02/22 15:22	09/05/22 09:50	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		09/02/22 15:22	09/05/22 09:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				09/02/22 15:22	09/05/22 09:50	1
1,4-Difluorobenzene (Surr)	109		70 - 130				09/02/22 15:22	09/05/22 09:50	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			09/05/22 09:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/06/22 13:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/02/22 11:00	09/03/22 14:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/02/22 11:00	09/03/22 14:52	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18787-1
SDG: Eddy Co, NM

Client Sample ID: BH-1 (25')
Date Collected: 09/01/22 00:00
Date Received: 09/02/22 09:42

Lab Sample ID: 880-18787-7
Matrix: Solid

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/02/22 11:00	09/03/22 14:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				09/02/22 11:00	09/03/22 14:52	1
o-Terphenyl	100		70 - 130				09/02/22 11:00	09/03/22 14:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96.6		5.00		mg/Kg			09/07/22 03:24	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18787-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-18783-A-26-D MS	Matrix Spike	88	102
880-18783-A-26-E MSD	Matrix Spike Duplicate	89	101
880-18787-1	BH-1 (0-4')	87	102
880-18787-2	BH-1 (5')	88	104
880-18787-3	BH-1 (7')	90	105
880-18787-4	BH-1 (10')	89	104
880-18787-5	BH-1 (15')	91	104
880-18787-6	BH-1 (20')	87	108
880-18787-7	BH-1 (25')	90	109
LCS 880-33659/1-A	Lab Control Sample	88	103
LCSD 880-33659/2-A	Lab Control Sample Dup	90	102
MB 880-33384/5-A	Method Blank	78	121
MB 880-33659/5-A	Method Blank	79	110
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-18787-1	BH-1 (0-4')	87	87
880-18787-1 MS	BH-1 (0-4')	82	72
880-18787-1 MSD	BH-1 (0-4')	102	87
880-18787-2	BH-1 (5')	101	103
880-18787-3	BH-1 (7')	99	99
880-18787-4	BH-1 (10')	97	98
880-18787-5	BH-1 (15')	103	103
880-18787-6	BH-1 (20')	103	104
880-18787-7	BH-1 (25')	100	100
LCS 880-33623/2-A	Lab Control Sample	141 S1+	141 S1+
LCSD 880-33623/3-A	Lab Control Sample Dup	132 S1+	134 S1+
MB 880-33623/1-A	Method Blank	128	130
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18787-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-33384/5-A

Matrix: Solid

Analysis Batch: 33694

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 33384

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/30/22 15:53	09/04/22 16:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/22 15:53	09/04/22 16:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/22 15:53	09/04/22 16:32	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/30/22 15:53	09/04/22 16:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/22 15:53	09/04/22 16:32	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/30/22 15:53	09/04/22 16:32	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130	08/30/22 15:53	09/04/22 16:32	1
1,4-Difluorobenzene (Surr)	121		70 - 130	08/30/22 15:53	09/04/22 16:32	1

Lab Sample ID: MB 880-33659/5-A

Matrix: Solid

Analysis Batch: 33694

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 33659

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/02/22 15:22	09/05/22 04:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/02/22 15:22	09/05/22 04:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/02/22 15:22	09/05/22 04:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/02/22 15:22	09/05/22 04:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/02/22 15:22	09/05/22 04:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/02/22 15:22	09/05/22 04:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130	09/02/22 15:22	09/05/22 04:08	1
1,4-Difluorobenzene (Surr)	110		70 - 130	09/02/22 15:22	09/05/22 04:08	1

Lab Sample ID: LCS 880-33659/1-A

Matrix: Solid

Analysis Batch: 33694

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 33659

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1055		mg/Kg		105	70 - 130
Toluene	0.100	0.1037		mg/Kg		104	70 - 130
Ethylbenzene	0.100	0.09939		mg/Kg		99	70 - 130
m-Xylene & p-Xylene	0.200	0.1798		mg/Kg		90	70 - 130
o-Xylene	0.100	0.09407		mg/Kg		94	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	88		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-33659/2-A

Matrix: Solid

Analysis Batch: 33694

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 33659

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1041		mg/Kg		104	70 - 130	1	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18787-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCSD 880-33659/2-A

Matrix: Solid

Analysis Batch: 33694

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 33659

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.1068		mg/Kg		107	70 - 130	3	35
Ethylbenzene	0.100	0.1024		mg/Kg		102	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.1859		mg/Kg		93	70 - 130	3	35
o-Xylene	0.100	0.09698		mg/Kg		97	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-18783-A-26-D MS

Matrix: Solid

Analysis Batch: 33694

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 33659

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.0998	0.09691		mg/Kg		97	70 - 130
Toluene	<0.00199	U	0.0998	0.09733		mg/Kg		98	70 - 130
Ethylbenzene	<0.00199	U	0.0998	0.09443		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.200	0.1704		mg/Kg		85	70 - 130
o-Xylene	<0.00199	U	0.0998	0.08983		mg/Kg		90	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	88		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-18783-A-26-E MSD

Matrix: Solid

Analysis Batch: 33694

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 33659

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.101	0.09560		mg/Kg		95	70 - 130	1	35
Toluene	<0.00199	U	0.101	0.09745		mg/Kg		97	70 - 130	0	35
Ethylbenzene	<0.00199	U	0.101	0.09511		mg/Kg		94	70 - 130	1	35
m-Xylene & p-Xylene	<0.00398	U	0.202	0.1709		mg/Kg		85	70 - 130	0	35
o-Xylene	<0.00199	U	0.101	0.08934		mg/Kg		89	70 - 130	1	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

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

Lab Sample ID: MB 880-33623/1-A

Matrix: Solid

Analysis Batch: 33680

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 33623

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/02/22 11:00	09/03/22 10:54	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18787-1
SDG: Eddy Co, NM

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

Lab Sample ID: MB 880-33623/1-A

Matrix: Solid

Analysis Batch: 33680

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 33623

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/02/22 11:00	09/03/22 10:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/02/22 11:00	09/03/22 10:54	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	128		70 - 130				09/02/22 11:00	09/03/22 10:54	1
o-Terphenyl	130		70 - 130				09/02/22 11:00	09/03/22 10:54	1

Lab Sample ID: LCS 880-33623/2-A

Matrix: Solid

Analysis Batch: 33680

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 33623

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	800.8		mg/Kg		80	70 - 130
Diesel Range Organics (Over C10-C28)	1000	880.7		mg/Kg		88	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	141	S1+	70 - 130				
o-Terphenyl	141	S1+	70 - 130				

Lab Sample ID: LCSD 880-33623/3-A

Matrix: Solid

Analysis Batch: 33680

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 33623

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	805.5		mg/Kg		81	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	818.0		mg/Kg		82	70 - 130	7	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	132	S1+	70 - 130						
o-Terphenyl	134	S1+	70 - 130						

Lab Sample ID: 880-18787-1 MS

Matrix: Solid

Analysis Batch: 33680

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

Prep Type: Total/NA

Prep Batch: 33623

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1 F2	999	566.5	F1	mg/Kg		54	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U F2	999	771.3		mg/Kg		73	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	82		70 - 130						
o-Terphenyl	72		70 - 130						

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18787-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-18787-1 MSD

Matrix: Solid

Analysis Batch: 33680

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

Prep Type: Total/NA

Prep Batch: 33623

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1 F2	998	696.1	F1 F2	mg/Kg		67	70 - 130	21	20
Diesel Range Organics (Over C10-C28)	<49.9	U F2	998	960.3	F2	mg/Kg		92	70 - 130	22	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	102		70 - 130								
o-Terphenyl	87		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-33653/1-A

Matrix: Solid

Analysis Batch: 33668

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/06/22 23:15	1

Lab Sample ID: LCS 880-33653/2-A

Matrix: Solid

Analysis Batch: 33668

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	239.0		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-33653/3-A

Matrix: Solid

Analysis Batch: 33668

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	244.2		mg/Kg		98	90 - 110	2	20

Lab Sample ID: 880-18787-1 MS

Matrix: Solid

Analysis Batch: 33668

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	364	F1	251	657.7	F1	mg/Kg		117	90 - 110

Lab Sample ID: 880-18787-1 MSD

Matrix: Solid

Analysis Batch: 33668

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	364	F1	251	665.7	F1	mg/Kg		120	90 - 110	1	20

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18787-1
SDG: Eddy Co, NM

GC VOA

Prep Batch: 33384

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-33384/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 33659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18787-1	BH-1 (0-4')	Total/NA	Solid	5035	
880-18787-2	BH-1 (5')	Total/NA	Solid	5035	
880-18787-3	BH-1 (7')	Total/NA	Solid	5035	
880-18787-4	BH-1 (10')	Total/NA	Solid	5035	
880-18787-5	BH-1 (15')	Total/NA	Solid	5035	
880-18787-6	BH-1 (20')	Total/NA	Solid	5035	
880-18787-7	BH-1 (25')	Total/NA	Solid	5035	
MB 880-33659/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-33659/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-33659/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-18783-A-26-D MS	Matrix Spike	Total/NA	Solid	5035	
880-18783-A-26-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 33694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18787-1	BH-1 (0-4')	Total/NA	Solid	8021B	33659
880-18787-2	BH-1 (5')	Total/NA	Solid	8021B	33659
880-18787-3	BH-1 (7')	Total/NA	Solid	8021B	33659
880-18787-4	BH-1 (10')	Total/NA	Solid	8021B	33659
880-18787-5	BH-1 (15')	Total/NA	Solid	8021B	33659
880-18787-6	BH-1 (20')	Total/NA	Solid	8021B	33659
880-18787-7	BH-1 (25')	Total/NA	Solid	8021B	33659
MB 880-33384/5-A	Method Blank	Total/NA	Solid	8021B	33384
MB 880-33659/5-A	Method Blank	Total/NA	Solid	8021B	33659
LCS 880-33659/1-A	Lab Control Sample	Total/NA	Solid	8021B	33659
LCSD 880-33659/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	33659
880-18783-A-26-D MS	Matrix Spike	Total/NA	Solid	8021B	33659
880-18783-A-26-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	33659

Analysis Batch: 33725

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18787-1	BH-1 (0-4')	Total/NA	Solid	Total BTEX	
880-18787-2	BH-1 (5')	Total/NA	Solid	Total BTEX	
880-18787-3	BH-1 (7')	Total/NA	Solid	Total BTEX	
880-18787-4	BH-1 (10')	Total/NA	Solid	Total BTEX	
880-18787-5	BH-1 (15')	Total/NA	Solid	Total BTEX	
880-18787-6	BH-1 (20')	Total/NA	Solid	Total BTEX	
880-18787-7	BH-1 (25')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 33623

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18787-1	BH-1 (0-4')	Total/NA	Solid	8015NM Prep	
880-18787-2	BH-1 (5')	Total/NA	Solid	8015NM Prep	
880-18787-3	BH-1 (7')	Total/NA	Solid	8015NM Prep	
880-18787-4	BH-1 (10')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18787-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Prep Batch: 33623 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18787-5	BH-1 (15')	Total/NA	Solid	8015NM Prep	
880-18787-6	BH-1 (20')	Total/NA	Solid	8015NM Prep	
880-18787-7	BH-1 (25')	Total/NA	Solid	8015NM Prep	
MB 880-33623/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-33623/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-33623/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-18787-1 MS	BH-1 (0-4')	Total/NA	Solid	8015NM Prep	
880-18787-1 MSD	BH-1 (0-4')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 33680

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18787-1	BH-1 (0-4')	Total/NA	Solid	8015B NM	33623
880-18787-2	BH-1 (5')	Total/NA	Solid	8015B NM	33623
880-18787-3	BH-1 (7')	Total/NA	Solid	8015B NM	33623
880-18787-4	BH-1 (10')	Total/NA	Solid	8015B NM	33623
880-18787-5	BH-1 (15')	Total/NA	Solid	8015B NM	33623
880-18787-6	BH-1 (20')	Total/NA	Solid	8015B NM	33623
880-18787-7	BH-1 (25')	Total/NA	Solid	8015B NM	33623
MB 880-33623/1-A	Method Blank	Total/NA	Solid	8015B NM	33623
LCS 880-33623/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	33623
LCSD 880-33623/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	33623
880-18787-1 MS	BH-1 (0-4')	Total/NA	Solid	8015B NM	33623
880-18787-1 MSD	BH-1 (0-4')	Total/NA	Solid	8015B NM	33623

Analysis Batch: 33846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18787-1	BH-1 (0-4')	Total/NA	Solid	8015 NM	
880-18787-2	BH-1 (5')	Total/NA	Solid	8015 NM	
880-18787-3	BH-1 (7')	Total/NA	Solid	8015 NM	
880-18787-4	BH-1 (10')	Total/NA	Solid	8015 NM	
880-18787-5	BH-1 (15')	Total/NA	Solid	8015 NM	
880-18787-6	BH-1 (20')	Total/NA	Solid	8015 NM	
880-18787-7	BH-1 (25')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 33653

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18787-1	BH-1 (0-4')	Soluble	Solid	DI Leach	
880-18787-2	BH-1 (5')	Soluble	Solid	DI Leach	
880-18787-3	BH-1 (7')	Soluble	Solid	DI Leach	
880-18787-4	BH-1 (10')	Soluble	Solid	DI Leach	
880-18787-5	BH-1 (15')	Soluble	Solid	DI Leach	
880-18787-6	BH-1 (20')	Soluble	Solid	DI Leach	
880-18787-7	BH-1 (25')	Soluble	Solid	DI Leach	
MB 880-33653/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-33653/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-33653/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-18787-1 MS	BH-1 (0-4')	Soluble	Solid	DI Leach	
880-18787-1 MSD	BH-1 (0-4')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18787-1
SDG: Eddy Co, NM

HPLC/IC

Analysis Batch: 33668

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18787-1	BH-1 (0-4')	Soluble	Solid	300.0	33653
880-18787-2	BH-1 (5')	Soluble	Solid	300.0	33653
880-18787-3	BH-1 (7')	Soluble	Solid	300.0	33653
880-18787-4	BH-1 (10')	Soluble	Solid	300.0	33653
880-18787-5	BH-1 (15')	Soluble	Solid	300.0	33653
880-18787-6	BH-1 (20')	Soluble	Solid	300.0	33653
880-18787-7	BH-1 (25')	Soluble	Solid	300.0	33653
MB 880-33653/1-A	Method Blank	Soluble	Solid	300.0	33653
LCS 880-33653/2-A	Lab Control Sample	Soluble	Solid	300.0	33653
LCSD 880-33653/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	33653
880-18787-1 MS	BH-1 (0-4')	Soluble	Solid	300.0	33653
880-18787-1 MSD	BH-1 (0-4')	Soluble	Solid	300.0	33653

Lab Chronicle

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18787-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-18787-1

Date Collected: 09/01/22 00:00

Matrix: Solid

Date Received: 09/02/22 09:42

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	33659	09/02/22 15:22	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33694	09/05/22 06:18	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33725	09/05/22 09:18	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33846	09/06/22 13:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33623	09/02/22 11:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33680	09/03/22 12:00	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	33653	09/02/22 14:23	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33668	09/07/22 01:51	CH	EET MID

Client Sample ID: BH-1 (5')

Lab Sample ID: 880-18787-2

Date Collected: 09/01/22 00:00

Matrix: Solid

Date Received: 09/02/22 09:42

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	33659	09/02/22 15:22	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33694	09/05/22 06:39	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33725	09/05/22 09:18	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33846	09/06/22 13:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33623	09/02/22 11:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33680	09/03/22 13:05	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	33653	09/02/22 14:23	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33668	09/07/22 02:19	CH	EET MID

Client Sample ID: BH-1 (7')

Lab Sample ID: 880-18787-3

Date Collected: 09/01/22 00:00

Matrix: Solid

Date Received: 09/02/22 09:42

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	33659	09/02/22 15:22	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33694	09/05/22 06:59	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33725	09/05/22 09:18	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33846	09/06/22 13:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33623	09/02/22 11:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33680	09/03/22 13:26	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	33653	09/02/22 14:23	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33668	09/07/22 02:28	CH	EET MID

Client Sample ID: BH-1 (10')

Lab Sample ID: 880-18787-4

Date Collected: 09/01/22 00:00

Matrix: Solid

Date Received: 09/02/22 09:42

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	33659	09/02/22 15:22	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33694	09/05/22 07:20	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33725	09/05/22 09:18	AJ	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18787-1
SDG: Eddy Co, NM

Client Sample ID: BH-1 (10')

Lab Sample ID: 880-18787-4

Date Collected: 09/01/22 00:00

Matrix: Solid

Date Received: 09/02/22 09:42

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			33846	09/06/22 13:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33623	09/02/22 11:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33680	09/03/22 13:48	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	33653	09/02/22 14:23	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33668	09/07/22 02:56	CH	EET MID

Client Sample ID: BH-1 (15')

Lab Sample ID: 880-18787-5

Date Collected: 09/01/22 00:00

Matrix: Solid

Date Received: 09/02/22 09:42

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	33659	09/02/22 15:22	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33694	09/05/22 07:40	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33725	09/05/22 09:18	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33846	09/06/22 13:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33623	09/02/22 11:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33680	09/03/22 14:09	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	33653	09/02/22 14:23	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33668	09/07/22 03:05	CH	EET MID

Client Sample ID: BH-1 (20')

Lab Sample ID: 880-18787-6

Date Collected: 09/01/22 00:00

Matrix: Solid

Date Received: 09/02/22 09:42

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	33659	09/02/22 15:22	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33694	09/05/22 09:29	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33725	09/05/22 09:18	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33846	09/06/22 13:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33623	09/02/22 11:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33680	09/03/22 14:30	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	33653	09/02/22 14:23	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33668	09/07/22 03:15	CH	EET MID

Client Sample ID: BH-1 (25')

Lab Sample ID: 880-18787-7

Date Collected: 09/01/22 00:00

Matrix: Solid

Date Received: 09/02/22 09:42

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	33659	09/02/22 15:22	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33694	09/05/22 09:50	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33725	09/05/22 09:18	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33846	09/06/22 13:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33623	09/02/22 11:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33680	09/03/22 14:52	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18787-1
SDG: Eddy Co, NM

Client Sample ID: BH-1 (25')

Date Collected: 09/01/22 00:00

Date Received: 09/02/22 09:42

Lab Sample ID: 880-18787-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	33653	09/02/22 14:23	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33668	09/07/22 03:24	CH	EET MID

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

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Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18787-1
SDG: Eddy Co, NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-24	06-30-23

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

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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Method Summary

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18787-1
SDG: Eddy Co, NM

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

Protocol References:

ASTM = ASTM International

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

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18787-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-18787-1	BH-1 (0-4')	Solid	09/01/22 00:00	09/02/22 09:42
880-18787-2	BH-1 (5')	Solid	09/01/22 00:00	09/02/22 09:42
880-18787-3	BH-1 (7')	Solid	09/01/22 00:00	09/02/22 09:42
880-18787-4	BH-1 (10')	Solid	09/01/22 00:00	09/02/22 09:42
880-18787-5	BH-1 (15')	Solid	09/01/22 00:00	09/02/22 09:42
880-18787-6	BH-1 (20')	Solid	09/01/22 00:00	09/02/22 09:42
880-18787-7	BH-1 (25')	Solid	09/01/22 00:00	09/02/22 09:42

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Project Manager	Clinton Merritt	Bill to: (if different)	James Adams
Company Name	Carmora Resources	Company Name	Haz Mat Special Services
Address	310 W Wall St Ste 415	Address	918 W Marshall Drive
City, State ZIP	Midland, TX 79701	City, State ZIP	Grand Prairie, Tx 75051
Phone	432-813-6823	Email	jadams@hazmatspecialservices.com

Work Order Comments	
Program: UST/PRP ☐ PRP ☐ Brownfields ☐ RC ☐ perfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ PRP ☐ Level IV ☐	
Deliverables EDD ☐ ADAPT ☐ Other	

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Work Order No: 18187

9/7/2022

Project Name	Silverback Federal B2 Tank Battery	Turn Around		Pres. Code	ANALYSIS REQUEST										Preservative Codes					
Project Number	1116	☐ Routine	☒ Rush												None NO	DI Water H ₂ O				
Project Location	Eddy Co. NM	Due Date	72 hrs												Cool Cool	MeOH Me				
Sampler's Name	CCMIDS														HCL HC	HNO ₃ HN				
PO #															H ₂ SO ₄ H ₂	NaOH Na				
SAMPLE RECEIPT	Temp Blank	Yes No	Yes No	Yes No											H ₃ PO ₄ HP					
Received Intact	Yes No	Yes No	Thermometer ID	Yes No											NaHSO ₄ NABIS					
Cooler Custody Seals	Yes No	N/A	Correction Factor	Yes No											Na ₂ S ₂ O ₃ NaSO ₃					
Sample Custody Seals	Yes No	N/A	Temperature Reading	Yes No											Zn Acetate+NaOH Zn					
Total Containers			Corrected Temperature	Yes No											NaOH+Ascorbic Acid SACP					
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments			
BH-1 (0-4)	9/1/2022		X		Grab/	1	X	X	X											
BH-1 (5)	9/1/2022		X		Grab/	1	X	X	X											
BH-1 (7)	9/1/2022		X		Grab/	1	X	X	X											
BH-1 (10)	9/1/2022		X		Grab/	1	X	X	X											
BH-1 (15)	9/1/2022		X		Grab/	1	X	X	X											
BH-1 (20)	9/1/2022		X		Grab/	1	X	X	X											
BH-1 (25)	9/1/2022		X		Grab/	1	X	X	X											
																				
Relinquished by (Signature) <u>Wende Milwee</u> Date/Time <u>9/12/22 9:42AM</u>																				
Received by (Signature) <u>[Signature]</u> Date/Time																				

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-18787-1

SDG Number: Eddy Co, NM

Login Number: 18787

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-18879-1

Laboratory Sample Delivery Group: Eddy Co, NM
Client Project/Site: Silverback Federal B2 Tank Battery

For:

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

Attn: Clint Merritt

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

Authorized for release by:

9/14/2022 3:24:39 PM

Jessica Kramer, Project Manager
(432)704-5440

Jessica.Kramer@et.eurofinsus.com

LINKS

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results through



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

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

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Laboratory Job ID: 880-18879-1
SDG: Eddy Co, NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Definitions/Glossary

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

- 1
- 2
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Case Narrative

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Job ID: 880-18879-1

Laboratory: Eurofins Midland

Narrative

**Job Narrative
880-18879-1**

Receipt

The samples were received on 9/7/2022 8:28 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.2°C

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-34187 and analytical batch 880-34174 was outside the upper control limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-34188 and analytical batch 880-34174 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-34195 and analytical batch 880-34301 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-34216 and analytical batch 880-34384 was outside the upper control limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-34216 and analytical batch 880-34384 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-34272 and analytical batch 880-34340 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SW-12 (4') (880-18879-113) and (LCSD 880-34272/2-A). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: CS-75 (4') (880-18879-75). Evidence of matrix interferences is not obvious.

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

GC Semi VOA

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-33953 and analytical batch 880-33879 was outside control limits. Sample non-homogeneity is suspected.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-33870/2-A), (LCSD 880-33870/3-A) and (MB 880-33870/1-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: CS-39 (4') (880-18879-39). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Gasoline range hydrocarbons biased low in LCSD. Since only an acceptable LCS is required per the method, the data has been qualified and reported.(LCSD 880-33870/3-A)

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-33870 and analytical batch

Case Narrative

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Job ID: 880-18879-1 (Continued)**Laboratory: Eurofins Midland (Continued)**

880-33875 was outside control limits. Sample non-homogeneity is suspected.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-33869/2-A) and (LCSD 880-33869/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-33934/2-A), (LCSD 880-33934/3-A) and (MB 880-33934/1-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: CS-49 (4') (880-18879-49). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-33934 and analytical batch 880-33873 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-33979/2-A) and (LCSD 880-33979/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-33978/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: CS-89 (4') (880-18879-89). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-33978 and analytical batch 880-33968 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-33978 and analytical batch 880-33968 was outside control limits. Sample non-homogeneity is suspected.

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

HPLC/IC

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

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-1 (4')

Lab Sample ID: 880-18879-1

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:04	09/12/22 12:20	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:04	09/12/22 12:20	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:04	09/12/22 12:20	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/12/22 09:04	09/12/22 12:20	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:04	09/12/22 12:20	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/12/22 09:04	09/12/22 12:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	09/12/22 09:04	09/12/22 12:20	1
1,4-Difluorobenzene (Surr)	89		70 - 130	09/12/22 09:04	09/12/22 12:20	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/07/22 09:10	09/07/22 11:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/07/22 09:10	09/07/22 11:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/07/22 09:10	09/07/22 11:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	09/07/22 09:10	09/07/22 11:23	1
o-Terphenyl	97		70 - 130	09/07/22 09:10	09/07/22 11:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	49.2		5.02		mg/Kg			09/09/22 00:10	1

Client Sample ID: CS-2 (4')

Lab Sample ID: 880-18879-2

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:04	09/12/22 12:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:04	09/12/22 12:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:04	09/12/22 12:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/12/22 09:04	09/12/22 12:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:04	09/12/22 12:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/12/22 09:04	09/12/22 12:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	09/12/22 09:04	09/12/22 12:46	1
1,4-Difluorobenzene (Surr)	112		70 - 130	09/12/22 09:04	09/12/22 12:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-2 (4')

Lab Sample ID: 880-18879-2

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/07/22 09:10	09/07/22 12:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/07/22 09:10	09/07/22 12:27	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/07/22 09:10	09/07/22 12:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				09/07/22 09:10	09/07/22 12:27	1
o-Terphenyl	96		70 - 130				09/07/22 09:10	09/07/22 12:27	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	65.3		4.97		mg/Kg			09/09/22 00:24	1

Client Sample ID: CS-3 (4')

Lab Sample ID: 880-18879-3

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/12/22 09:04	09/12/22 13:11	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/12/22 09:04	09/12/22 13:11	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/12/22 09:04	09/12/22 13:11	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		09/12/22 09:04	09/12/22 13:11	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/12/22 09:04	09/12/22 13:11	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		09/12/22 09:04	09/12/22 13:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				09/12/22 09:04	09/12/22 13:11	1
1,4-Difluorobenzene (Surr)	108		70 - 130				09/12/22 09:04	09/12/22 13:11	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/07/22 09:10	09/07/22 12:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/07/22 09:10	09/07/22 12:49	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-3 (4')

Lab Sample ID: 880-18879-3

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/07/22 09:10	09/07/22 12:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				09/07/22 09:10	09/07/22 12:49	1
o-Terphenyl	97		70 - 130				09/07/22 09:10	09/07/22 12:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.5		5.00		mg/Kg			09/09/22 00:29	1

Client Sample ID: CS-4 (4')

Lab Sample ID: 880-18879-4

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/12/22 09:04	09/12/22 13:37	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/12/22 09:04	09/12/22 13:37	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/12/22 09:04	09/12/22 13:37	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		09/12/22 09:04	09/12/22 13:37	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/12/22 09:04	09/12/22 13:37	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/12/22 09:04	09/12/22 13:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				09/12/22 09:04	09/12/22 13:37	1
1,4-Difluorobenzene (Surr)	108		70 - 130				09/12/22 09:04	09/12/22 13:37	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/07/22 09:10	09/07/22 13:10	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/07/22 09:10	09/07/22 13:10	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/07/22 09:10	09/07/22 13:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				09/07/22 09:10	09/07/22 13:10	1
o-Terphenyl	102		70 - 130				09/07/22 09:10	09/07/22 13:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.7		5.02		mg/Kg			09/09/22 00:34	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-5 (4')

Lab Sample ID: 880-18879-5

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:04	09/12/22 14:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:04	09/12/22 14:02	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:04	09/12/22 14:02	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/12/22 09:04	09/12/22 14:02	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:04	09/12/22 14:02	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/12/22 09:04	09/12/22 14:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	09/12/22 09:04	09/12/22 14:02	1
1,4-Difluorobenzene (Surr)	100		70 - 130	09/12/22 09:04	09/12/22 14:02	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/07/22 09:10	09/07/22 13:31	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/07/22 09:10	09/07/22 13:31	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/07/22 09:10	09/07/22 13:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	09/07/22 09:10	09/07/22 13:31	1
o-Terphenyl	114		70 - 130	09/07/22 09:10	09/07/22 13:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.23		4.95		mg/Kg			09/09/22 00:39	1

Client Sample ID: CS-6 (4')

Lab Sample ID: 880-18879-6

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/12/22 09:04	09/12/22 14:28	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/12/22 09:04	09/12/22 14:28	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/12/22 09:04	09/12/22 14:28	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		09/12/22 09:04	09/12/22 14:28	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/12/22 09:04	09/12/22 14:28	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		09/12/22 09:04	09/12/22 14:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	09/12/22 09:04	09/12/22 14:28	1
1,4-Difluorobenzene (Surr)	103		70 - 130	09/12/22 09:04	09/12/22 14:28	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-6 (4')

Lab Sample ID: 880-18879-6

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/07/22 09:10	09/07/22 13:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/07/22 09:10	09/07/22 13:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/07/22 09:10	09/07/22 13:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130				09/07/22 09:10	09/07/22 13:53	1
o-Terphenyl	115		70 - 130				09/07/22 09:10	09/07/22 13:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	54.4		4.97		mg/Kg			09/09/22 00:53	1

Client Sample ID: CS-7 (4')

Lab Sample ID: 880-18879-7

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:04	09/12/22 14:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:04	09/12/22 14:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:04	09/12/22 14:54	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/12/22 09:04	09/12/22 14:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:04	09/12/22 14:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/12/22 09:04	09/12/22 14:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				09/12/22 09:04	09/12/22 14:54	1
1,4-Difluorobenzene (Surr)	106		70 - 130				09/12/22 09:04	09/12/22 14:54	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/07/22 09:10	09/07/22 14:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/07/22 09:10	09/07/22 14:14	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-7 (4')

Lab Sample ID: 880-18879-7

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/07/22 09:10	09/07/22 14:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				09/07/22 09:10	09/07/22 14:14	1
o-Terphenyl	93		70 - 130				09/07/22 09:10	09/07/22 14:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	68.6		4.98		mg/Kg			09/09/22 00:58	1

Client Sample ID: CS-8 (4')

Lab Sample ID: 880-18879-8

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/12/22 09:04	09/12/22 15:19	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/12/22 09:04	09/12/22 15:19	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/12/22 09:04	09/12/22 15:19	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		09/12/22 09:04	09/12/22 15:19	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/12/22 09:04	09/12/22 15:19	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/12/22 09:04	09/12/22 15:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				09/12/22 09:04	09/12/22 15:19	1
1,4-Difluorobenzene (Surr)	106		70 - 130				09/12/22 09:04	09/12/22 15:19	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/07/22 09:10	09/07/22 14:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/07/22 09:10	09/07/22 14:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/07/22 09:10	09/07/22 14:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				09/07/22 09:10	09/07/22 14:36	1
o-Terphenyl	88		70 - 130				09/07/22 09:10	09/07/22 14:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	59.9		4.98		mg/Kg			09/09/22 01:03	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-9 (4')

Lab Sample ID: 880-18879-9

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:04	09/12/22 15:45	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:04	09/12/22 15:45	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:04	09/12/22 15:45	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/12/22 09:04	09/12/22 15:45	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:04	09/12/22 15:45	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/12/22 09:04	09/12/22 15:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	09/12/22 09:04	09/12/22 15:45	1
1,4-Difluorobenzene (Surr)	107		70 - 130	09/12/22 09:04	09/12/22 15:45	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/07/22 09:10	09/07/22 14:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/07/22 09:10	09/07/22 14:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/07/22 09:10	09/07/22 14:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	09/07/22 09:10	09/07/22 14:57	1
o-Terphenyl	103		70 - 130	09/07/22 09:10	09/07/22 14:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.7		4.98		mg/Kg			09/09/22 01:08	1

Client Sample ID: CS-10 (4')

Lab Sample ID: 880-18879-10

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:04	09/12/22 16:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:04	09/12/22 16:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:04	09/12/22 16:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/12/22 09:04	09/12/22 16:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:04	09/12/22 16:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/12/22 09:04	09/12/22 16:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	09/12/22 09:04	09/12/22 16:11	1
1,4-Difluorobenzene (Surr)	109		70 - 130	09/12/22 09:04	09/12/22 16:11	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-10 (4')

Lab Sample ID: 880-18879-10

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/07/22 09:10	09/07/22 15:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/07/22 09:10	09/07/22 15:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/07/22 09:10	09/07/22 15:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				09/07/22 09:10	09/07/22 15:19	1
o-Terphenyl	87		70 - 130				09/07/22 09:10	09/07/22 15:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.21		5.00		mg/Kg			09/09/22 01:13	1

Client Sample ID: CS-11 (4')

Lab Sample ID: 880-18879-11

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/12/22 09:04	09/12/22 17:53	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/12/22 09:04	09/12/22 17:53	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/12/22 09:04	09/12/22 17:53	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		09/12/22 09:04	09/12/22 17:53	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/12/22 09:04	09/12/22 17:53	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		09/12/22 09:04	09/12/22 17:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				09/12/22 09:04	09/12/22 17:53	1
1,4-Difluorobenzene (Surr)	98		70 - 130				09/12/22 09:04	09/12/22 17:53	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/07/22 09:10	09/07/22 16:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/07/22 09:10	09/07/22 16:02	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-11 (4')

Lab Sample ID: 880-18879-11

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/07/22 09:10	09/07/22 16:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				09/07/22 09:10	09/07/22 16:02	1
o-Terphenyl	97		70 - 130				09/07/22 09:10	09/07/22 16:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.25		5.02		mg/Kg			09/09/22 01:17	1

Client Sample ID: CS-12 (4')

Lab Sample ID: 880-18879-12

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:04	09/12/22 18:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:04	09/12/22 18:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:04	09/12/22 18:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/12/22 09:04	09/12/22 18:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:04	09/12/22 18:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/12/22 09:04	09/12/22 18:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				09/12/22 09:04	09/12/22 18:18	1
1,4-Difluorobenzene (Surr)	113		70 - 130				09/12/22 09:04	09/12/22 18:18	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/07/22 09:10	09/07/22 16:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/07/22 09:10	09/07/22 16:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/07/22 09:10	09/07/22 16:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				09/07/22 09:10	09/07/22 16:24	1
o-Terphenyl	87		70 - 130				09/07/22 09:10	09/07/22 16:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.53		5.01		mg/Kg			09/09/22 01:32	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-13 (4')

Lab Sample ID: 880-18879-13

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:04	09/12/22 18:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:04	09/12/22 18:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:04	09/12/22 18:44	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/12/22 09:04	09/12/22 18:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:04	09/12/22 18:44	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/12/22 09:04	09/12/22 18:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	09/12/22 09:04	09/12/22 18:44	1
1,4-Difluorobenzene (Surr)	115		70 - 130	09/12/22 09:04	09/12/22 18:44	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/07/22 09:10	09/07/22 16:45	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/07/22 09:10	09/07/22 16:45	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/07/22 09:10	09/07/22 16:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	09/07/22 09:10	09/07/22 16:45	1
o-Terphenyl	86		70 - 130	09/07/22 09:10	09/07/22 16:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	61.1		5.03		mg/Kg			09/09/22 01:37	1

Client Sample ID: CS-14 (4')

Lab Sample ID: 880-18879-14

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:04	09/12/22 19:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:04	09/12/22 19:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:04	09/12/22 19:10	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/12/22 09:04	09/12/22 19:10	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:04	09/12/22 19:10	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/12/22 09:04	09/12/22 19:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	09/12/22 09:04	09/12/22 19:10	1
1,4-Difluorobenzene (Surr)	114		70 - 130	09/12/22 09:04	09/12/22 19:10	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-14 (4')

Lab Sample ID: 880-18879-14

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/07/22 09:10	09/07/22 17:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/07/22 09:10	09/07/22 17:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/07/22 09:10	09/07/22 17:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				09/07/22 09:10	09/07/22 17:07	1
o-Terphenyl	81		70 - 130				09/07/22 09:10	09/07/22 17:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	73.8		4.98		mg/Kg			09/09/22 01:51	1

Client Sample ID: CS-15 (4')

Lab Sample ID: 880-18879-15

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:04	09/12/22 19:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:04	09/12/22 19:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:04	09/12/22 19:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/12/22 09:04	09/12/22 19:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:04	09/12/22 19:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/12/22 09:04	09/12/22 19:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				09/12/22 09:04	09/12/22 19:35	1
1,4-Difluorobenzene (Surr)	107		70 - 130				09/12/22 09:04	09/12/22 19:35	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/07/22 09:10	09/07/22 17:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/07/22 09:10	09/07/22 17:28	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-15 (4')

Lab Sample ID: 880-18879-15

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/07/22 09:10	09/07/22 17:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				09/07/22 09:10	09/07/22 17:28	1
o-Terphenyl	89		70 - 130				09/07/22 09:10	09/07/22 17:28	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.83		4.95		mg/Kg			09/09/22 02:13	1

Client Sample ID: CS-16 (4')

Lab Sample ID: 880-18879-16

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:04	09/12/22 20:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:04	09/12/22 20:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:04	09/12/22 20:01	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/12/22 09:04	09/12/22 20:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:04	09/12/22 20:01	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/12/22 09:04	09/12/22 20:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				09/12/22 09:04	09/12/22 20:01	1
1,4-Difluorobenzene (Surr)	108		70 - 130				09/12/22 09:04	09/12/22 20:01	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/07/22 09:10	09/07/22 17:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/07/22 09:10	09/07/22 17:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/07/22 09:10	09/07/22 17:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				09/07/22 09:10	09/07/22 17:50	1
o-Terphenyl	90		70 - 130				09/07/22 09:10	09/07/22 17:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.1		4.95		mg/Kg			09/09/22 01:56	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-17 (4')

Lab Sample ID: 880-18879-17

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/12/22 09:04	09/12/22 20:26	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/12/22 09:04	09/12/22 20:26	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/12/22 09:04	09/12/22 20:26	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		09/12/22 09:04	09/12/22 20:26	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/12/22 09:04	09/12/22 20:26	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		09/12/22 09:04	09/12/22 20:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	09/12/22 09:04	09/12/22 20:26	1
1,4-Difluorobenzene (Surr)	113		70 - 130	09/12/22 09:04	09/12/22 20:26	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/07/22 09:10	09/07/22 18:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/07/22 09:10	09/07/22 18:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/07/22 09:10	09/07/22 18:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	09/07/22 09:10	09/07/22 18:11	1
o-Terphenyl	86		70 - 130	09/07/22 09:10	09/07/22 18:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44.0		4.99		mg/Kg			09/09/22 02:01	1

Client Sample ID: CS-18 (4')

Lab Sample ID: 880-18879-18

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:04	09/12/22 20:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:04	09/12/22 20:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:04	09/12/22 20:52	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/12/22 09:04	09/12/22 20:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:04	09/12/22 20:52	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/12/22 09:04	09/12/22 20:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	09/12/22 09:04	09/12/22 20:52	1
1,4-Difluorobenzene (Surr)	106		70 - 130	09/12/22 09:04	09/12/22 20:52	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-18 (4')

Lab Sample ID: 880-18879-18

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/07/22 09:10	09/07/22 18:33	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/07/22 09:10	09/07/22 18:33	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/07/22 09:10	09/07/22 18:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				09/07/22 09:10	09/07/22 18:33	1
o-Terphenyl	87		70 - 130				09/07/22 09:10	09/07/22 18:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.51		5.01		mg/Kg			09/09/22 02:06	1

Client Sample ID: CS-19 (4')

Lab Sample ID: 880-18879-19

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:04	09/12/22 21:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:04	09/12/22 21:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:04	09/12/22 21:17	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/12/22 09:04	09/12/22 21:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:04	09/12/22 21:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/12/22 09:04	09/12/22 21:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				09/12/22 09:04	09/12/22 21:17	1
1,4-Difluorobenzene (Surr)	111		70 - 130				09/12/22 09:04	09/12/22 21:17	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/07/22 09:10	09/07/22 18:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/07/22 09:10	09/07/22 18:54	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-19 (4')

Lab Sample ID: 880-18879-19

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/07/22 09:10	09/07/22 18:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				09/07/22 09:10	09/07/22 18:54	1
o-Terphenyl	88		70 - 130				09/07/22 09:10	09/07/22 18:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.06		5.03		mg/Kg			09/09/22 07:55	1

Client Sample ID: CS-20 (4')

Lab Sample ID: 880-18879-20

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:04	09/12/22 21:43	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:04	09/12/22 21:43	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:04	09/12/22 21:43	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/12/22 09:04	09/12/22 21:43	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:04	09/12/22 21:43	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/12/22 09:04	09/12/22 21:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				09/12/22 09:04	09/12/22 21:43	1
1,4-Difluorobenzene (Surr)	101		70 - 130				09/12/22 09:04	09/12/22 21:43	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/07/22 09:10	09/07/22 19:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/07/22 09:10	09/07/22 19:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/07/22 09:10	09/07/22 19:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				09/07/22 09:10	09/07/22 19:16	1
o-Terphenyl	84		70 - 130				09/07/22 09:10	09/07/22 19:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	119		5.03		mg/Kg			09/09/22 08:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-21 (4')

Lab Sample ID: 880-18879-21

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/12/22 09:11	09/13/22 01:31	1
Toluene	<0.00202	U F1	0.00202		mg/Kg		09/12/22 09:11	09/13/22 01:31	1
Ethylbenzene	<0.00202	U F1	0.00202		mg/Kg		09/12/22 09:11	09/13/22 01:31	1
m-Xylene & p-Xylene	<0.00403	U F1	0.00403		mg/Kg		09/12/22 09:11	09/13/22 01:31	1
o-Xylene	<0.00202	U F1	0.00202		mg/Kg		09/12/22 09:11	09/13/22 01:31	1
Xylenes, Total	<0.00403	U F1	0.00403		mg/Kg		09/12/22 09:11	09/13/22 01:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	09/12/22 09:11	09/13/22 01:31	1
1,4-Difluorobenzene (Surr)	93		70 - 130	09/12/22 09:11	09/13/22 01:31	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *- *1 F2	50.0		mg/Kg		09/07/22 08:28	09/07/22 21:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/07/22 08:28	09/07/22 21:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/07/22 08:28	09/07/22 21:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130	09/07/22 08:28	09/07/22 21:03	1
o-Terphenyl	111		70 - 130	09/07/22 08:28	09/07/22 21:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	46.1		4.99		mg/Kg			09/08/22 20:11	1

Client Sample ID: CS-22 (4')

Lab Sample ID: 880-18879-22

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:11	09/13/22 01:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:11	09/13/22 01:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:11	09/13/22 01:56	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/12/22 09:11	09/13/22 01:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:11	09/13/22 01:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/12/22 09:11	09/13/22 01:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	09/12/22 09:11	09/13/22 01:56	1
1,4-Difluorobenzene (Surr)	109		70 - 130	09/12/22 09:11	09/13/22 01:56	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-22 (4')

Lab Sample ID: 880-18879-22

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *- *1	49.9		mg/Kg		09/07/22 08:28	09/07/22 22:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/07/22 08:28	09/07/22 22:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/07/22 08:28	09/07/22 22:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				09/07/22 08:28	09/07/22 22:07	1
o-Terphenyl	92		70 - 130				09/07/22 08:28	09/07/22 22:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	134		5.02		mg/Kg			09/08/22 20:38	1

Client Sample ID: CS-23 (4')

Lab Sample ID: 880-18879-23

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:11	09/13/22 02:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:11	09/13/22 02:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:11	09/13/22 02:21	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/12/22 09:11	09/13/22 02:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:11	09/13/22 02:21	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/12/22 09:11	09/13/22 02:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				09/12/22 09:11	09/13/22 02:21	1
1,4-Difluorobenzene (Surr)	111		70 - 130				09/12/22 09:11	09/13/22 02:21	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *- *1	50.0		mg/Kg		09/07/22 08:28	09/07/22 22:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/07/22 08:28	09/07/22 22:28	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-23 (4')

Lab Sample ID: 880-18879-23

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/07/22 08:28	09/07/22 22:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				09/07/22 08:28	09/07/22 22:28	1
o-Terphenyl	103		70 - 130				09/07/22 08:28	09/07/22 22:28	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	139		5.04		mg/Kg			09/08/22 20:48	1

Client Sample ID: CS-24 (4')

Lab Sample ID: 880-18879-24

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:11	09/13/22 02:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:11	09/13/22 02:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:11	09/13/22 02:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/12/22 09:11	09/13/22 02:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:11	09/13/22 02:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/12/22 09:11	09/13/22 02:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				09/12/22 09:11	09/13/22 02:46	1
1,4-Difluorobenzene (Surr)	106		70 - 130				09/12/22 09:11	09/13/22 02:46	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *- *1	49.8		mg/Kg		09/07/22 08:28	09/07/22 22:50	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/07/22 08:28	09/07/22 22:50	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/07/22 08:28	09/07/22 22:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130				09/07/22 08:28	09/07/22 22:50	1
o-Terphenyl	111		70 - 130				09/07/22 08:28	09/07/22 22:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	92.9		5.03		mg/Kg			09/08/22 20:57	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-25 (4')

Lab Sample ID: 880-18879-25

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:11	09/13/22 03:11	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:11	09/13/22 03:11	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:11	09/13/22 03:11	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/12/22 09:11	09/13/22 03:11	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:11	09/13/22 03:11	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/12/22 09:11	09/13/22 03:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	09/12/22 09:11	09/13/22 03:11	1
1,4-Difluorobenzene (Surr)	111		70 - 130	09/12/22 09:11	09/13/22 03:11	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *- *1	49.8		mg/Kg		09/07/22 08:28	09/07/22 23:12	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/07/22 08:28	09/07/22 23:12	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/07/22 08:28	09/07/22 23:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130	09/07/22 08:28	09/07/22 23:12	1
o-Terphenyl	98		70 - 130	09/07/22 08:28	09/07/22 23:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	109		5.00		mg/Kg			09/08/22 21:06	1

Client Sample ID: CS-26 (4')

Lab Sample ID: 880-18879-26

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:11	09/13/22 03:36	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:11	09/13/22 03:36	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:11	09/13/22 03:36	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/12/22 09:11	09/13/22 03:36	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:11	09/13/22 03:36	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/12/22 09:11	09/13/22 03:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	09/12/22 09:11	09/13/22 03:36	1
1,4-Difluorobenzene (Surr)	112		70 - 130	09/12/22 09:11	09/13/22 03:36	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-26 (4')

Lab Sample ID: 880-18879-26

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *- *1	49.9		mg/Kg		09/07/22 08:28	09/07/22 23:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/07/22 08:28	09/07/22 23:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/07/22 08:28	09/07/22 23:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	128		70 - 130				09/07/22 08:28	09/07/22 23:33	1
o-Terphenyl	112		70 - 130				09/07/22 08:28	09/07/22 23:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.6		5.00		mg/Kg			09/08/22 21:34	1

Client Sample ID: CS-27 (4')

Lab Sample ID: 880-18879-27

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:11	09/13/22 04:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:11	09/13/22 04:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:11	09/13/22 04:01	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/12/22 09:11	09/13/22 04:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:11	09/13/22 04:01	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/12/22 09:11	09/13/22 04:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				09/12/22 09:11	09/13/22 04:01	1
1,4-Difluorobenzene (Surr)	109		70 - 130				09/12/22 09:11	09/13/22 04:01	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *- *1	50.0		mg/Kg		09/07/22 08:28	09/07/22 23:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/07/22 08:28	09/07/22 23:55	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-27 (4')

Lab Sample ID: 880-18879-27

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/07/22 08:28	09/07/22 23:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				09/07/22 08:28	09/07/22 23:55	1
o-Terphenyl	98		70 - 130				09/07/22 08:28	09/07/22 23:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	31.7		4.96		mg/Kg			09/08/22 21:43	1

Client Sample ID: CS-28 (4')

Lab Sample ID: 880-18879-28

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:11	09/13/22 04:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:11	09/13/22 04:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:11	09/13/22 04:27	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/12/22 09:11	09/13/22 04:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:11	09/13/22 04:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/12/22 09:11	09/13/22 04:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				09/12/22 09:11	09/13/22 04:27	1
1,4-Difluorobenzene (Surr)	113		70 - 130				09/12/22 09:11	09/13/22 04:27	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *- *1	49.9		mg/Kg		09/07/22 08:28	09/08/22 00:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/07/22 08:28	09/08/22 00:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/07/22 08:28	09/08/22 00:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				09/07/22 08:28	09/08/22 00:16	1
o-Terphenyl	94		70 - 130				09/07/22 08:28	09/08/22 00:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	138		4.98		mg/Kg			09/08/22 21:52	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-29 (4')

Lab Sample ID: 880-18879-29

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/12/22 09:11	09/13/22 04:52	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/12/22 09:11	09/13/22 04:52	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/12/22 09:11	09/13/22 04:52	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		09/12/22 09:11	09/13/22 04:52	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/12/22 09:11	09/13/22 04:52	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		09/12/22 09:11	09/13/22 04:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	09/12/22 09:11	09/13/22 04:52	1
1,4-Difluorobenzene (Surr)	108		70 - 130	09/12/22 09:11	09/13/22 04:52	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *- *1	49.9		mg/Kg		09/07/22 08:28	09/08/22 00:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/07/22 08:28	09/08/22 00:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/07/22 08:28	09/08/22 00:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130	09/07/22 08:28	09/08/22 00:37	1
o-Terphenyl	100		70 - 130	09/07/22 08:28	09/08/22 00:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120		5.04		mg/Kg			09/08/22 22:01	1

Client Sample ID: CS-30 (4')

Lab Sample ID: 880-18879-30

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:11	09/13/22 05:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:11	09/13/22 05:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:11	09/13/22 05:17	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/12/22 09:11	09/13/22 05:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:11	09/13/22 05:17	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/12/22 09:11	09/13/22 05:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	09/12/22 09:11	09/13/22 05:17	1
1,4-Difluorobenzene (Surr)	110		70 - 130	09/12/22 09:11	09/13/22 05:17	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-30 (4')

Lab Sample ID: 880-18879-30

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *- *1	50.0		mg/Kg		09/07/22 08:28	09/08/22 00:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/07/22 08:28	09/08/22 00:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/07/22 08:28	09/08/22 00:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				09/07/22 08:28	09/08/22 00:58	1
o-Terphenyl	96		70 - 130				09/07/22 08:28	09/08/22 00:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	105		5.05		mg/Kg			09/08/22 22:10	1

Client Sample ID: CS-31 (4')

Lab Sample ID: 880-18879-31

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:11	09/13/22 06:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:11	09/13/22 06:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:11	09/13/22 06:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/12/22 09:11	09/13/22 06:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:11	09/13/22 06:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/12/22 09:11	09/13/22 06:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				09/12/22 09:11	09/13/22 06:59	1
1,4-Difluorobenzene (Surr)	90		70 - 130				09/12/22 09:11	09/13/22 06:59	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *- *1	49.9		mg/Kg		09/07/22 08:28	09/08/22 01:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/07/22 08:28	09/08/22 01:41	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-31 (4')

Lab Sample ID: 880-18879-31

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/07/22 08:28	09/08/22 01:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	130		70 - 130				09/07/22 08:28	09/08/22 01:41	1
o-Terphenyl	117		70 - 130				09/07/22 08:28	09/08/22 01:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.0		5.00		mg/Kg			09/08/22 22:20	1

Client Sample ID: CS-32 (4')

Lab Sample ID: 880-18879-32

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:11	09/13/22 07:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:11	09/13/22 07:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:11	09/13/22 07:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/12/22 09:11	09/13/22 07:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:11	09/13/22 07:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/12/22 09:11	09/13/22 07:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				09/12/22 09:11	09/13/22 07:25	1
1,4-Difluorobenzene (Surr)	113		70 - 130				09/12/22 09:11	09/13/22 07:25	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *- *1	50.0		mg/Kg		09/07/22 08:28	09/08/22 02:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/07/22 08:28	09/08/22 02:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/07/22 08:28	09/08/22 02:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130				09/07/22 08:28	09/08/22 02:02	1
o-Terphenyl	114		70 - 130				09/07/22 08:28	09/08/22 02:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	51.3		4.97		mg/Kg			09/08/22 22:47	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-33 (4')

Lab Sample ID: 880-18879-33

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:11	09/13/22 07:51	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:11	09/13/22 07:51	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:11	09/13/22 07:51	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/12/22 09:11	09/13/22 07:51	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:11	09/13/22 07:51	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/12/22 09:11	09/13/22 07:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	09/12/22 09:11	09/13/22 07:51	1
1,4-Difluorobenzene (Surr)	103		70 - 130	09/12/22 09:11	09/13/22 07:51	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *- *1	50.0		mg/Kg		09/07/22 08:28	09/08/22 02:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/07/22 08:28	09/08/22 02:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/07/22 08:28	09/08/22 02:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130	09/07/22 08:28	09/08/22 02:23	1
o-Terphenyl	108		70 - 130	09/07/22 08:28	09/08/22 02:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	31.8		4.99		mg/Kg			09/08/22 22:57	1

Client Sample ID: CS-34 (4')

Lab Sample ID: 880-18879-34

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:11	09/13/22 08:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:11	09/13/22 08:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:11	09/13/22 08:17	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/12/22 09:11	09/13/22 08:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:11	09/13/22 08:17	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/12/22 09:11	09/13/22 08:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	09/12/22 09:11	09/13/22 08:17	1
1,4-Difluorobenzene (Surr)	103		70 - 130	09/12/22 09:11	09/13/22 08:17	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-34 (4')

Lab Sample ID: 880-18879-34

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *- *1	49.9		mg/Kg		09/07/22 08:28	09/08/22 02:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/07/22 08:28	09/08/22 02:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/07/22 08:28	09/08/22 02:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				09/07/22 08:28	09/08/22 02:44	1
o-Terphenyl	97		70 - 130				09/07/22 08:28	09/08/22 02:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	98.6		4.95		mg/Kg			09/08/22 23:24	1

Client Sample ID: CS-35 (4')

Lab Sample ID: 880-18879-35

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:11	09/13/22 08:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:11	09/13/22 08:49	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:11	09/13/22 08:49	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/12/22 09:11	09/13/22 08:49	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:11	09/13/22 08:49	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/12/22 09:11	09/13/22 08:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				09/12/22 09:11	09/13/22 08:49	1
1,4-Difluorobenzene (Surr)	100		70 - 130				09/12/22 09:11	09/13/22 08:49	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *- *1	49.9		mg/Kg		09/07/22 08:28	09/08/22 03:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/07/22 08:28	09/08/22 03:05	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-35 (4')

Lab Sample ID: 880-18879-35

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/07/22 08:28	09/08/22 03:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130				09/07/22 08:28	09/08/22 03:05	1
o-Terphenyl	114		70 - 130				09/07/22 08:28	09/08/22 03:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	147		4.96		mg/Kg			09/08/22 23:33	1

Client Sample ID: CS-36 (4')

Lab Sample ID: 880-18879-36

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:11	09/13/22 09:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:11	09/13/22 09:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:11	09/13/22 09:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/12/22 09:11	09/13/22 09:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:11	09/13/22 09:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/12/22 09:11	09/13/22 09:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				09/12/22 09:11	09/13/22 09:15	1
1,4-Difluorobenzene (Surr)	111		70 - 130				09/12/22 09:11	09/13/22 09:15	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *- *1	50.0		mg/Kg		09/07/22 08:28	09/08/22 03:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/07/22 08:28	09/08/22 03:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/07/22 08:28	09/08/22 03:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				09/07/22 08:28	09/08/22 03:26	1
o-Terphenyl	102		70 - 130				09/07/22 08:28	09/08/22 03:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.0		4.96		mg/Kg			09/08/22 23:43	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-37 (4')

Lab Sample ID: 880-18879-37

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/12/22 09:11	09/13/22 09:41	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/12/22 09:11	09/13/22 09:41	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/12/22 09:11	09/13/22 09:41	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		09/12/22 09:11	09/13/22 09:41	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/12/22 09:11	09/13/22 09:41	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		09/12/22 09:11	09/13/22 09:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	09/12/22 09:11	09/13/22 09:41	1
1,4-Difluorobenzene (Surr)	116		70 - 130	09/12/22 09:11	09/13/22 09:41	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *- *1	50.0		mg/Kg		09/07/22 08:28	09/08/22 03:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/07/22 08:28	09/08/22 03:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/07/22 08:28	09/08/22 03:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130	09/07/22 08:28	09/08/22 03:47	1
o-Terphenyl	103		70 - 130	09/07/22 08:28	09/08/22 03:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.6		5.03		mg/Kg			09/08/22 23:52	1

Client Sample ID: CS-38 (4')

Lab Sample ID: 880-18879-38

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:11	09/13/22 10:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:11	09/13/22 10:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:11	09/13/22 10:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/12/22 09:11	09/13/22 10:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:11	09/13/22 10:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/12/22 09:11	09/13/22 10:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	09/12/22 09:11	09/13/22 10:06	1
1,4-Difluorobenzene (Surr)	116		70 - 130	09/12/22 09:11	09/13/22 10:06	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-38 (4')

Lab Sample ID: 880-18879-38

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *- *1	50.0		mg/Kg		09/07/22 08:28	09/08/22 04:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/07/22 08:28	09/08/22 04:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/07/22 08:28	09/08/22 04:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				09/07/22 08:28	09/08/22 04:08	1
o-Terphenyl	99		70 - 130				09/07/22 08:28	09/08/22 04:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	178		4.97		mg/Kg			09/09/22 00:01	1

Client Sample ID: CS-39 (4')

Lab Sample ID: 880-18879-39

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/12/22 09:11	09/13/22 10:32	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/12/22 09:11	09/13/22 10:32	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/12/22 09:11	09/13/22 10:32	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		09/12/22 09:11	09/13/22 10:32	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/12/22 09:11	09/13/22 10:32	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		09/12/22 09:11	09/13/22 10:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				09/12/22 09:11	09/13/22 10:32	1
1,4-Difluorobenzene (Surr)	106		70 - 130				09/12/22 09:11	09/13/22 10:32	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *- *1	49.9		mg/Kg		09/07/22 08:28	09/08/22 04:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/07/22 08:28	09/08/22 04:29	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-39 (4')

Lab Sample ID: 880-18879-39

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/07/22 08:28	09/08/22 04:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	132	S1+	70 - 130				09/07/22 08:28	09/08/22 04:29	1
o-Terphenyl	119		70 - 130				09/07/22 08:28	09/08/22 04:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	144		5.00		mg/Kg			09/09/22 00:10	1

Client Sample ID: CS-40 (4')

Lab Sample ID: 880-18879-40

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:11	09/13/22 10:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:11	09/13/22 10:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:11	09/13/22 10:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/12/22 09:11	09/13/22 10:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:11	09/13/22 10:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/12/22 09:11	09/13/22 10:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				09/12/22 09:11	09/13/22 10:58	1
1,4-Difluorobenzene (Surr)	105		70 - 130				09/12/22 09:11	09/13/22 10:58	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *- *1	49.9		mg/Kg		09/07/22 08:28	09/08/22 04:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/07/22 08:28	09/08/22 04:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/07/22 08:28	09/08/22 04:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130				09/07/22 08:28	09/08/22 04:50	1
o-Terphenyl	114		70 - 130				09/07/22 08:28	09/08/22 04:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	47.1		5.01		mg/Kg			09/09/22 00:19	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-41 (4')

Lab Sample ID: 880-18879-41

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U F1 F2	0.00201		mg/Kg		09/12/22 09:16	09/13/22 07:51	1
Toluene	<0.00201	U F1 F2	0.00201		mg/Kg		09/12/22 09:16	09/13/22 07:51	1
Ethylbenzene	<0.00201	U F1 F2	0.00201		mg/Kg		09/12/22 09:16	09/13/22 07:51	1
m-Xylene & p-Xylene	<0.00402	U F1 F2	0.00402		mg/Kg		09/12/22 09:16	09/13/22 07:51	1
o-Xylene	<0.00201	U F1	0.00201		mg/Kg		09/12/22 09:16	09/13/22 07:51	1
Xylenes, Total	<0.00402	U F1 F2	0.00402		mg/Kg		09/12/22 09:16	09/13/22 07:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	09/12/22 09:16	09/13/22 07:51	1
1,4-Difluorobenzene (Surr)	103		70 - 130	09/12/22 09:16	09/13/22 07:51	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		09/07/22 14:59	09/07/22 21:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/07/22 14:59	09/07/22 21:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/07/22 14:59	09/07/22 21:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	09/07/22 14:59	09/07/22 21:03	1
o-Terphenyl	101		70 - 130	09/07/22 14:59	09/07/22 21:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44.0		4.99		mg/Kg			09/09/22 01:33	1

Client Sample ID: CS-42 (4')

Lab Sample ID: 880-18879-42

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:16	09/13/22 08:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:16	09/13/22 08:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:16	09/13/22 08:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/12/22 09:16	09/13/22 08:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:16	09/13/22 08:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/12/22 09:16	09/13/22 08:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	09/12/22 09:16	09/13/22 08:11	1
1,4-Difluorobenzene (Surr)	106		70 - 130	09/12/22 09:16	09/13/22 08:11	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-42 (4')

Lab Sample ID: 880-18879-42

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/07/22 14:59	09/07/22 22:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/07/22 14:59	09/07/22 22:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/07/22 14:59	09/07/22 22:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				09/07/22 14:59	09/07/22 22:07	1
o-Terphenyl	104		70 - 130				09/07/22 14:59	09/07/22 22:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	56.0		5.02		mg/Kg			09/09/22 02:01	1

Client Sample ID: CS-43 (4')

Lab Sample ID: 880-18879-43

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:16	09/13/22 08:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:16	09/13/22 08:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:16	09/13/22 08:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/12/22 09:16	09/13/22 08:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:16	09/13/22 08:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/12/22 09:16	09/13/22 08:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				09/12/22 09:16	09/13/22 08:50	1
1,4-Difluorobenzene (Surr)	103		70 - 130				09/12/22 09:16	09/13/22 08:50	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/07/22 14:59	09/07/22 22:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/07/22 14:59	09/07/22 22:28	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-43 (4')

Lab Sample ID: 880-18879-43

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/07/22 14:59	09/07/22 22:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				09/07/22 14:59	09/07/22 22:28	1
o-Terphenyl	117		70 - 130				09/07/22 14:59	09/07/22 22:28	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	92.5		5.04		mg/Kg			09/09/22 02:10	1

Client Sample ID: CS-44 (4')

Lab Sample ID: 880-18879-44

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:16	09/13/22 09:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:16	09/13/22 09:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:16	09/13/22 09:10	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/12/22 09:16	09/13/22 09:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:16	09/13/22 09:10	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/12/22 09:16	09/13/22 09:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				09/12/22 09:16	09/13/22 09:10	1
1,4-Difluorobenzene (Surr)	126		70 - 130				09/12/22 09:16	09/13/22 09:10	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/07/22 14:59	09/07/22 22:50	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/07/22 14:59	09/07/22 22:50	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/07/22 14:59	09/07/22 22:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				09/07/22 14:59	09/07/22 22:50	1
o-Terphenyl	97		70 - 130				09/07/22 14:59	09/07/22 22:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	146		5.03		mg/Kg			09/09/22 02:19	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-45 (4')

Lab Sample ID: 880-18879-45

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:16	09/13/22 09:31	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:16	09/13/22 09:31	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:16	09/13/22 09:31	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/12/22 09:16	09/13/22 09:31	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:16	09/13/22 09:31	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/12/22 09:16	09/13/22 09:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	09/12/22 09:16	09/13/22 09:31	1
1,4-Difluorobenzene (Surr)	109		70 - 130	09/12/22 09:16	09/13/22 09:31	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/07/22 14:59	09/07/22 23:12	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/07/22 14:59	09/07/22 23:12	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/07/22 14:59	09/07/22 23:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130	09/07/22 14:59	09/07/22 23:12	1
o-Terphenyl	117		70 - 130	09/07/22 14:59	09/07/22 23:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	52.3		5.00		mg/Kg			09/09/22 02:28	1

Client Sample ID: CS-46 (4')

Lab Sample ID: 880-18879-46

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:16	09/13/22 09:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:16	09/13/22 09:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:16	09/13/22 09:51	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/12/22 09:16	09/13/22 09:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:16	09/13/22 09:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/12/22 09:16	09/13/22 09:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	09/12/22 09:16	09/13/22 09:51	1
1,4-Difluorobenzene (Surr)	112		70 - 130	09/12/22 09:16	09/13/22 09:51	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-46 (4')

Lab Sample ID: 880-18879-46

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/07/22 14:59	09/07/22 23:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/07/22 14:59	09/07/22 23:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/07/22 14:59	09/07/22 23:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130				09/07/22 14:59	09/07/22 23:33	1
o-Terphenyl	118		70 - 130				09/07/22 14:59	09/07/22 23:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	66.9		5.00		mg/Kg			09/09/22 02:56	1

Client Sample ID: CS-47 (4')

Lab Sample ID: 880-18879-47

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/12/22 09:16	09/13/22 10:12	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/12/22 09:16	09/13/22 10:12	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/12/22 09:16	09/13/22 10:12	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		09/12/22 09:16	09/13/22 10:12	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/12/22 09:16	09/13/22 10:12	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		09/12/22 09:16	09/13/22 10:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				09/12/22 09:16	09/13/22 10:12	1
1,4-Difluorobenzene (Surr)	102		70 - 130				09/12/22 09:16	09/13/22 10:12	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/07/22 14:59	09/07/22 23:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/07/22 14:59	09/07/22 23:55	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-47 (4')

Lab Sample ID: 880-18879-47

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/07/22 14:59	09/07/22 23:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				09/07/22 14:59	09/07/22 23:55	1
o-Terphenyl	110		70 - 130				09/07/22 14:59	09/07/22 23:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.36		4.96		mg/Kg			09/09/22 03:05	1

Client Sample ID: CS-48 (4')

Lab Sample ID: 880-18879-48

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:16	09/13/22 10:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:16	09/13/22 10:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:16	09/13/22 10:32	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/12/22 09:16	09/13/22 10:32	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:16	09/13/22 10:32	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/12/22 09:16	09/13/22 10:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				09/12/22 09:16	09/13/22 10:32	1
1,4-Difluorobenzene (Surr)	118		70 - 130				09/12/22 09:16	09/13/22 10:32	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/07/22 14:59	09/08/22 00:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/07/22 14:59	09/08/22 00:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/07/22 14:59	09/08/22 00:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130				09/07/22 14:59	09/08/22 00:16	1
o-Terphenyl	115		70 - 130				09/07/22 14:59	09/08/22 00:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.2		4.98		mg/Kg			09/09/22 03:14	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-49 (4')

Lab Sample ID: 880-18879-49

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:16	09/13/22 10:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:16	09/13/22 10:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:16	09/13/22 10:53	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/12/22 09:16	09/13/22 10:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:16	09/13/22 10:53	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/12/22 09:16	09/13/22 10:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	09/12/22 09:16	09/13/22 10:53	1
1,4-Difluorobenzene (Surr)	108		70 - 130	09/12/22 09:16	09/13/22 10:53	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/07/22 14:59	09/08/22 00:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/07/22 14:59	09/08/22 00:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/07/22 14:59	09/08/22 00:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130	09/07/22 14:59	09/08/22 00:37	1
o-Terphenyl	128		70 - 130	09/07/22 14:59	09/08/22 00:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.62		5.04		mg/Kg			09/09/22 03:24	1

Client Sample ID: CS-50 (4')

Lab Sample ID: 880-18879-50

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:16	09/13/22 11:13	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:16	09/13/22 11:13	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:16	09/13/22 11:13	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/12/22 09:16	09/13/22 11:13	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:16	09/13/22 11:13	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/12/22 09:16	09/13/22 11:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	09/12/22 09:16	09/13/22 11:13	1
1,4-Difluorobenzene (Surr)	104		70 - 130	09/12/22 09:16	09/13/22 11:13	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-50 (4')

Lab Sample ID: 880-18879-50

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/07/22 14:59	09/08/22 00:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/07/22 14:59	09/08/22 00:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/07/22 14:59	09/08/22 00:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130				09/07/22 14:59	09/08/22 00:58	1
o-Terphenyl	122		70 - 130				09/07/22 14:59	09/08/22 00:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.7		5.05		mg/Kg			09/09/22 03:33	1

Client Sample ID: CS-51 (4')

Lab Sample ID: 880-18879-51

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/12/22 09:16	09/13/22 13:04	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/12/22 09:16	09/13/22 13:04	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/12/22 09:16	09/13/22 13:04	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		09/12/22 09:16	09/13/22 13:04	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/12/22 09:16	09/13/22 13:04	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		09/12/22 09:16	09/13/22 13:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				09/12/22 09:16	09/13/22 13:04	1
1,4-Difluorobenzene (Surr)	106		70 - 130				09/12/22 09:16	09/13/22 13:04	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/07/22 14:59	09/08/22 01:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/07/22 14:59	09/08/22 01:41	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-51 (4')

Lab Sample ID: 880-18879-51

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/07/22 14:59	09/08/22 01:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130				09/07/22 14:59	09/08/22 01:41	1
o-Terphenyl	113		70 - 130				09/07/22 14:59	09/08/22 01:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	132		5.00		mg/Kg			09/09/22 03:42	1

Client Sample ID: CS-52 (4')

Lab Sample ID: 880-18879-52

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:16	09/13/22 13:24	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:16	09/13/22 13:24	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:16	09/13/22 13:24	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/12/22 09:16	09/13/22 13:24	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:16	09/13/22 13:24	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/12/22 09:16	09/13/22 13:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				09/12/22 09:16	09/13/22 13:24	1
1,4-Difluorobenzene (Surr)	107		70 - 130				09/12/22 09:16	09/13/22 13:24	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/07/22 14:59	09/08/22 02:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/07/22 14:59	09/08/22 02:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/07/22 14:59	09/08/22 02:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130				09/07/22 14:59	09/08/22 02:02	1
o-Terphenyl	111		70 - 130				09/07/22 14:59	09/08/22 02:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	59.8		4.97		mg/Kg			09/09/22 04:10	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-53 (4')

Lab Sample ID: 880-18879-53

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:16	09/13/22 13:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:16	09/13/22 13:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:16	09/13/22 13:45	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/12/22 09:16	09/13/22 13:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:16	09/13/22 13:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/12/22 09:16	09/13/22 13:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	09/12/22 09:16	09/13/22 13:45	1
1,4-Difluorobenzene (Surr)	122		70 - 130	09/12/22 09:16	09/13/22 13:45	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/07/22 14:59	09/08/22 02:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/07/22 14:59	09/08/22 02:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/07/22 14:59	09/08/22 02:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130	09/07/22 14:59	09/08/22 02:23	1
o-Terphenyl	113		70 - 130	09/07/22 14:59	09/08/22 02:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	65.8		4.99		mg/Kg			09/09/22 04:19	1

Client Sample ID: CS-54 (4')

Lab Sample ID: 880-18879-54

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:16	09/13/22 14:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:16	09/13/22 14:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:16	09/13/22 14:05	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/12/22 09:16	09/13/22 14:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:16	09/13/22 14:05	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/12/22 09:16	09/13/22 14:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	09/12/22 09:16	09/13/22 14:05	1
1,4-Difluorobenzene (Surr)	115		70 - 130	09/12/22 09:16	09/13/22 14:05	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-54 (4')

Lab Sample ID: 880-18879-54

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/07/22 14:59	09/08/22 02:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/07/22 14:59	09/08/22 02:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/07/22 14:59	09/08/22 02:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 130				09/07/22 14:59	09/08/22 02:44	1
o-Terphenyl	126		70 - 130				09/07/22 14:59	09/08/22 02:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.5		4.95		mg/Kg			09/09/22 04:47	1

Client Sample ID: CS-55 (4')

Lab Sample ID: 880-18879-55

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:16	09/13/22 14:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:16	09/13/22 14:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:16	09/13/22 14:25	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/12/22 09:16	09/13/22 14:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:16	09/13/22 14:25	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/12/22 09:16	09/13/22 14:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				09/12/22 09:16	09/13/22 14:25	1
1,4-Difluorobenzene (Surr)	116		70 - 130				09/12/22 09:16	09/13/22 14:25	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/07/22 14:59	09/08/22 03:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/07/22 14:59	09/08/22 03:05	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-55 (4')

Lab Sample ID: 880-18879-55

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/07/22 14:59	09/08/22 03:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				09/07/22 14:59	09/08/22 03:05	1
o-Terphenyl	112		70 - 130				09/07/22 14:59	09/08/22 03:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.91		4.96		mg/Kg			09/09/22 04:56	1

Client Sample ID: CS-56 (4')

Lab Sample ID: 880-18879-56

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/12/22 09:16	09/13/22 14:46	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/12/22 09:16	09/13/22 14:46	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/12/22 09:16	09/13/22 14:46	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		09/12/22 09:16	09/13/22 14:46	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/12/22 09:16	09/13/22 14:46	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		09/12/22 09:16	09/13/22 14:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				09/12/22 09:16	09/13/22 14:46	1
1,4-Difluorobenzene (Surr)	100		70 - 130				09/12/22 09:16	09/13/22 14:46	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/07/22 14:59	09/08/22 03:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/07/22 14:59	09/08/22 03:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/07/22 14:59	09/08/22 03:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130				09/07/22 14:59	09/08/22 03:26	1
o-Terphenyl	116		70 - 130				09/07/22 14:59	09/08/22 03:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.4		4.96		mg/Kg			09/09/22 05:05	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-57 (4')

Lab Sample ID: 880-18879-57

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:16	09/13/22 15:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:16	09/13/22 15:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:16	09/13/22 15:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/12/22 09:16	09/13/22 15:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:16	09/13/22 15:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/12/22 09:16	09/13/22 15:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				09/12/22 09:16	09/13/22 15:06	1
1,4-Difluorobenzene (Surr)	105		70 - 130				09/12/22 09:16	09/13/22 15:06	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/07/22 14:59	09/08/22 03:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/07/22 14:59	09/08/22 03:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/07/22 14:59	09/08/22 03:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				09/07/22 14:59	09/08/22 03:47	1
o-Terphenyl	112		70 - 130				09/07/22 14:59	09/08/22 03:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.3		5.03		mg/Kg			09/09/22 05:14	1

Client Sample ID: CS-58 (4')

Lab Sample ID: 880-18879-58

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/12/22 09:16	09/13/22 15:27	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/12/22 09:16	09/13/22 15:27	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/12/22 09:16	09/13/22 15:27	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		09/12/22 09:16	09/13/22 15:27	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/12/22 09:16	09/13/22 15:27	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/12/22 09:16	09/13/22 15:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				09/12/22 09:16	09/13/22 15:27	1
1,4-Difluorobenzene (Surr)	102		70 - 130				09/12/22 09:16	09/13/22 15:27	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-58 (4')

Lab Sample ID: 880-18879-58

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/07/22 14:59	09/08/22 04:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/07/22 14:59	09/08/22 04:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/07/22 14:59	09/08/22 04:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				09/07/22 14:59	09/08/22 04:08	1
o-Terphenyl	109		70 - 130				09/07/22 14:59	09/08/22 04:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	87.7		4.97		mg/Kg			09/09/22 05:24	1

Client Sample ID: CS-59 (4')

Lab Sample ID: 880-18879-59

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:16	09/13/22 15:47	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:16	09/13/22 15:47	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:16	09/13/22 15:47	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/12/22 09:16	09/13/22 15:47	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:16	09/13/22 15:47	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/12/22 09:16	09/13/22 15:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				09/12/22 09:16	09/13/22 15:47	1
1,4-Difluorobenzene (Surr)	113		70 - 130				09/12/22 09:16	09/13/22 15:47	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/07/22 14:59	09/08/22 04:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/07/22 14:59	09/08/22 04:29	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-59 (4')

Lab Sample ID: 880-18879-59

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/07/22 14:59	09/08/22 04:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				09/07/22 14:59	09/08/22 04:29	1
o-Terphenyl	111		70 - 130				09/07/22 14:59	09/08/22 04:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	132		5.00		mg/Kg			09/09/22 05:33	1

Client Sample ID: CS-60 (4')

Lab Sample ID: 880-18879-60

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:16	09/13/22 16:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:16	09/13/22 16:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:16	09/13/22 16:07	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/12/22 09:16	09/13/22 16:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:16	09/13/22 16:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/12/22 09:16	09/13/22 16:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				09/12/22 09:16	09/13/22 16:07	1
1,4-Difluorobenzene (Surr)	107		70 - 130				09/12/22 09:16	09/13/22 16:07	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/07/22 14:59	09/08/22 04:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/07/22 14:59	09/08/22 04:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/07/22 14:59	09/08/22 04:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				09/07/22 14:59	09/08/22 04:50	1
o-Terphenyl	108		70 - 130				09/07/22 14:59	09/08/22 04:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.4		5.01		mg/Kg			09/09/22 05:42	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-61 (4')

Lab Sample ID: 880-18879-61

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U F1	0.00202		mg/Kg		09/12/22 09:28	09/13/22 14:56	1
Toluene	<0.00202	U F1	0.00202		mg/Kg		09/12/22 09:28	09/13/22 14:56	1
Ethylbenzene	<0.00202	U F1	0.00202		mg/Kg		09/12/22 09:28	09/13/22 14:56	1
m-Xylene & p-Xylene	<0.00403	U F1	0.00403		mg/Kg		09/12/22 09:28	09/13/22 14:56	1
o-Xylene	<0.00202	U F1	0.00202		mg/Kg		09/12/22 09:28	09/13/22 14:56	1
Xylenes, Total	<0.00403	U F1	0.00403		mg/Kg		09/12/22 09:28	09/13/22 14:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	09/12/22 09:28	09/13/22 14:56	1
1,4-Difluorobenzene (Surr)	89		70 - 130	09/12/22 09:28	09/13/22 14:56	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F2	50.0		mg/Kg		09/07/22 16:44	09/07/22 21:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/07/22 16:44	09/07/22 21:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/07/22 16:44	09/07/22 21:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	09/07/22 16:44	09/07/22 21:13	1
o-Terphenyl	93		70 - 130	09/07/22 16:44	09/07/22 21:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	68.7		4.99		mg/Kg			09/09/22 09:32	1

Client Sample ID: CS-62 (4')

Lab Sample ID: 880-18879-62

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:28	09/13/22 15:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:28	09/13/22 15:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:28	09/13/22 15:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/12/22 09:28	09/13/22 15:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:28	09/13/22 15:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/12/22 09:28	09/13/22 15:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	09/12/22 09:28	09/13/22 15:22	1
1,4-Difluorobenzene (Surr)	113		70 - 130	09/12/22 09:28	09/13/22 15:22	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-62 (4')

Lab Sample ID: 880-18879-62

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/07/22 16:44	09/07/22 22:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/07/22 16:44	09/07/22 22:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/07/22 16:44	09/07/22 22:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				09/07/22 16:44	09/07/22 22:15	1
o-Terphenyl	98		70 - 130				09/07/22 16:44	09/07/22 22:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.86		5.01		mg/Kg			09/09/22 09:47	1

Client Sample ID: CS-63 (4')

Lab Sample ID: 880-18879-63

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/12/22 09:28	09/13/22 15:47	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/12/22 09:28	09/13/22 15:47	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/12/22 09:28	09/13/22 15:47	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		09/12/22 09:28	09/13/22 15:47	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/12/22 09:28	09/13/22 15:47	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		09/12/22 09:28	09/13/22 15:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130				09/12/22 09:28	09/13/22 15:47	1
1,4-Difluorobenzene (Surr)	109		70 - 130				09/12/22 09:28	09/13/22 15:47	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/07/22 16:44	09/07/22 22:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/07/22 16:44	09/07/22 22:35	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-63 (4')

Lab Sample ID: 880-18879-63

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/07/22 16:44	09/07/22 22:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				09/07/22 16:44	09/07/22 22:35	1
o-Terphenyl	98		70 - 130				09/07/22 16:44	09/07/22 22:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.71		4.97		mg/Kg			09/09/22 09:51	1

Client Sample ID: CS-64 (4')

Lab Sample ID: 880-18879-64

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:28	09/13/22 16:13	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:28	09/13/22 16:13	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:28	09/13/22 16:13	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/12/22 09:28	09/13/22 16:13	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:28	09/13/22 16:13	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/12/22 09:28	09/13/22 16:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				09/12/22 09:28	09/13/22 16:13	1
1,4-Difluorobenzene (Surr)	104		70 - 130				09/12/22 09:28	09/13/22 16:13	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/07/22 16:44	09/07/22 22:55	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/07/22 16:44	09/07/22 22:55	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/07/22 16:44	09/07/22 22:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				09/07/22 16:44	09/07/22 22:55	1
o-Terphenyl	101		70 - 130				09/07/22 16:44	09/07/22 22:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.09		5.02		mg/Kg			09/09/22 09:56	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-65 (4')

Lab Sample ID: 880-18879-65

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/12/22 09:28	09/13/22 16:38	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/12/22 09:28	09/13/22 16:38	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/12/22 09:28	09/13/22 16:38	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		09/12/22 09:28	09/13/22 16:38	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/12/22 09:28	09/13/22 16:38	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		09/12/22 09:28	09/13/22 16:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	09/12/22 09:28	09/13/22 16:38	1
1,4-Difluorobenzene (Surr)	110		70 - 130	09/12/22 09:28	09/13/22 16:38	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/07/22 16:44	09/07/22 23:15	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/07/22 16:44	09/07/22 23:15	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/07/22 16:44	09/07/22 23:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130	09/07/22 16:44	09/07/22 23:15	1
o-Terphenyl	97		70 - 130	09/07/22 16:44	09/07/22 23:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.4		4.98		mg/Kg			09/09/22 10:01	1

Client Sample ID: CS-66 (4')

Lab Sample ID: 880-18879-66

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:28	09/13/22 17:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:28	09/13/22 17:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:28	09/13/22 17:04	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/12/22 09:28	09/13/22 17:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:28	09/13/22 17:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/12/22 09:28	09/13/22 17:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	09/12/22 09:28	09/13/22 17:04	1
1,4-Difluorobenzene (Surr)	110		70 - 130	09/12/22 09:28	09/13/22 17:04	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-66 (4')

Lab Sample ID: 880-18879-66

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/07/22 16:44	09/07/22 23:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/07/22 16:44	09/07/22 23:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/07/22 16:44	09/07/22 23:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				09/07/22 16:44	09/07/22 23:36	1
o-Terphenyl	97		70 - 130				09/07/22 16:44	09/07/22 23:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	119		4.97		mg/Kg			09/09/22 10:16	1

Client Sample ID: CS-67 (4')

Lab Sample ID: 880-18879-67

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/12/22 09:28	09/13/22 17:29	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/12/22 09:28	09/13/22 17:29	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/12/22 09:28	09/13/22 17:29	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		09/12/22 09:28	09/13/22 17:29	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/12/22 09:28	09/13/22 17:29	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/12/22 09:28	09/13/22 17:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	73		70 - 130				09/12/22 09:28	09/13/22 17:29	1
1,4-Difluorobenzene (Surr)	93		70 - 130				09/12/22 09:28	09/13/22 17:29	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/07/22 16:44	09/07/22 23:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/07/22 16:44	09/07/22 23:56	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-67 (4')

Lab Sample ID: 880-18879-67

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/07/22 16:44	09/07/22 23:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				09/07/22 16:44	09/07/22 23:56	1
o-Terphenyl	96		70 - 130				09/07/22 16:44	09/07/22 23:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	116		4.99		mg/Kg			09/09/22 10:21	1

Client Sample ID: CS-68 (4')

Lab Sample ID: 880-18879-68

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:28	09/13/22 17:55	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:28	09/13/22 17:55	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:28	09/13/22 17:55	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/12/22 09:28	09/13/22 17:55	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:28	09/13/22 17:55	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/12/22 09:28	09/13/22 17:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130				09/12/22 09:28	09/13/22 17:55	1
1,4-Difluorobenzene (Surr)	101		70 - 130				09/12/22 09:28	09/13/22 17:55	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/07/22 16:44	09/08/22 00:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/07/22 16:44	09/08/22 00:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/07/22 16:44	09/08/22 00:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				09/07/22 16:44	09/08/22 00:15	1
o-Terphenyl	94		70 - 130				09/07/22 16:44	09/08/22 00:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	105		5.03		mg/Kg			09/09/22 10:25	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-69 (4')

Lab Sample ID: 880-18879-69

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:28	09/13/22 18:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:28	09/13/22 18:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:28	09/13/22 18:20	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/12/22 09:28	09/13/22 18:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:28	09/13/22 18:20	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/12/22 09:28	09/13/22 18:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130	09/12/22 09:28	09/13/22 18:20	1
1,4-Difluorobenzene (Surr)	97		70 - 130	09/12/22 09:28	09/13/22 18:20	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/07/22 16:44	09/08/22 00:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/07/22 16:44	09/08/22 00:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/07/22 16:44	09/08/22 00:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	09/07/22 16:44	09/08/22 00:35	1
o-Terphenyl	95		70 - 130	09/07/22 16:44	09/08/22 00:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	138		5.01		mg/Kg			09/09/22 10:30	1

Client Sample ID: CS-70 (4')

Lab Sample ID: 880-18879-70

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:28	09/13/22 18:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:28	09/13/22 18:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:28	09/13/22 18:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/12/22 09:28	09/13/22 18:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:28	09/13/22 18:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/12/22 09:28	09/13/22 18:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	09/12/22 09:28	09/13/22 18:46	1
1,4-Difluorobenzene (Surr)	99		70 - 130	09/12/22 09:28	09/13/22 18:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-70 (4')

Lab Sample ID: 880-18879-70

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/07/22 16:44	09/08/22 00:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/07/22 16:44	09/08/22 00:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/07/22 16:44	09/08/22 00:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				09/07/22 16:44	09/08/22 00:55	1
o-Terphenyl	97		70 - 130				09/07/22 16:44	09/08/22 00:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	63.0		4.99		mg/Kg			09/09/22 10:35	1

Client Sample ID: CS-71 (4')

Lab Sample ID: 880-18879-71

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:28	09/13/22 20:29	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:28	09/13/22 20:29	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:28	09/13/22 20:29	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/12/22 09:28	09/13/22 20:29	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:28	09/13/22 20:29	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/12/22 09:28	09/13/22 20:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130				09/12/22 09:28	09/13/22 20:29	1
1,4-Difluorobenzene (Surr)	90		70 - 130				09/12/22 09:28	09/13/22 20:29	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/07/22 16:44	09/08/22 01:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/07/22 16:44	09/08/22 01:35	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-71 (4')

Lab Sample ID: 880-18879-71

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/07/22 16:44	09/08/22 01:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				09/07/22 16:44	09/08/22 01:35	1
o-Terphenyl	97		70 - 130				09/07/22 16:44	09/08/22 01:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.76		4.98		mg/Kg			09/09/22 10:40	1

Client Sample ID: CS-72 (4')

Lab Sample ID: 880-18879-72

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:28	09/13/22 20:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:28	09/13/22 20:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:28	09/13/22 20:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/12/22 09:28	09/13/22 20:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:28	09/13/22 20:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/12/22 09:28	09/13/22 20:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				09/12/22 09:28	09/13/22 20:55	1
1,4-Difluorobenzene (Surr)	109		70 - 130				09/12/22 09:28	09/13/22 20:55	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/07/22 16:44	09/08/22 01:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/07/22 16:44	09/08/22 01:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/07/22 16:44	09/08/22 01:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				09/07/22 16:44	09/08/22 01:55	1
o-Terphenyl	118		70 - 130				09/07/22 16:44	09/08/22 01:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	115		4.95		mg/Kg			09/09/22 10:55	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-73 (4')

Lab Sample ID: 880-18879-73

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/12/22 09:28	09/13/22 21:20	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/12/22 09:28	09/13/22 21:20	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/12/22 09:28	09/13/22 21:20	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		09/12/22 09:28	09/13/22 21:20	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/12/22 09:28	09/13/22 21:20	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/12/22 09:28	09/13/22 21:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	09/12/22 09:28	09/13/22 21:20	1
1,4-Difluorobenzene (Surr)	102		70 - 130	09/12/22 09:28	09/13/22 21:20	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/07/22 16:44	09/08/22 02:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/07/22 16:44	09/08/22 02:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/07/22 16:44	09/08/22 02:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	09/07/22 16:44	09/08/22 02:14	1
o-Terphenyl	94		70 - 130	09/07/22 16:44	09/08/22 02:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	107		5.00		mg/Kg			09/09/22 11:00	1

Client Sample ID: CS-74 (4')

Lab Sample ID: 880-18879-74

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/12/22 09:28	09/13/22 21:46	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/12/22 09:28	09/13/22 21:46	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/12/22 09:28	09/13/22 21:46	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		09/12/22 09:28	09/13/22 21:46	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/12/22 09:28	09/13/22 21:46	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		09/12/22 09:28	09/13/22 21:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130	09/12/22 09:28	09/13/22 21:46	1
1,4-Difluorobenzene (Surr)	101		70 - 130	09/12/22 09:28	09/13/22 21:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-74 (4')

Lab Sample ID: 880-18879-74

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/07/22 16:44	09/08/22 02:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/07/22 16:44	09/08/22 02:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/07/22 16:44	09/08/22 02:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				09/07/22 16:44	09/08/22 02:34	1
o-Terphenyl	94		70 - 130				09/07/22 16:44	09/08/22 02:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	47.9		4.99		mg/Kg			09/09/22 11:14	1

Client Sample ID: CS-75 (4')

Lab Sample ID: 880-18879-75

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:28	09/13/22 22:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:28	09/13/22 22:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:28	09/13/22 22:12	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/12/22 09:28	09/13/22 22:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:28	09/13/22 22:12	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/12/22 09:28	09/13/22 22:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				09/12/22 09:28	09/13/22 22:12	1
1,4-Difluorobenzene (Surr)	131	S1+	70 - 130				09/12/22 09:28	09/13/22 22:12	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/07/22 16:44	09/08/22 02:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/07/22 16:44	09/08/22 02:54	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-75 (4')

Lab Sample ID: 880-18879-75

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/07/22 16:44	09/08/22 02:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				09/07/22 16:44	09/08/22 02:54	1
o-Terphenyl	92		70 - 130				09/07/22 16:44	09/08/22 02:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	52.8		4.96		mg/Kg			09/09/22 11:19	1

Client Sample ID: CS-76 (4')

Lab Sample ID: 880-18879-76

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:28	09/13/22 22:37	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:28	09/13/22 22:37	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:28	09/13/22 22:37	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/12/22 09:28	09/13/22 22:37	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:28	09/13/22 22:37	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/12/22 09:28	09/13/22 22:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130				09/12/22 09:28	09/13/22 22:37	1
1,4-Difluorobenzene (Surr)	103		70 - 130				09/12/22 09:28	09/13/22 22:37	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/07/22 16:44	09/08/22 03:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/07/22 16:44	09/08/22 03:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/07/22 16:44	09/08/22 03:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				09/07/22 16:44	09/08/22 03:13	1
o-Terphenyl	95		70 - 130				09/07/22 16:44	09/08/22 03:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.5		5.04		mg/Kg			09/09/22 11:43	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-77 (4')

Lab Sample ID: 880-18879-77

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:28	09/13/22 23:03	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:28	09/13/22 23:03	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:28	09/13/22 23:03	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/12/22 09:28	09/13/22 23:03	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/12/22 09:28	09/13/22 23:03	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/12/22 09:28	09/13/22 23:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130	09/12/22 09:28	09/13/22 23:03	1
1,4-Difluorobenzene (Surr)	99		70 - 130	09/12/22 09:28	09/13/22 23:03	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/07/22 16:44	09/08/22 03:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/07/22 16:44	09/08/22 03:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/07/22 16:44	09/08/22 03:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	09/07/22 16:44	09/08/22 03:34	1
o-Terphenyl	94		70 - 130	09/07/22 16:44	09/08/22 03:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	32.6		4.97		mg/Kg			09/09/22 11:24	1

Client Sample ID: CS-78 (4')

Lab Sample ID: 880-18879-78

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:28	09/13/22 23:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:28	09/13/22 23:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:28	09/13/22 23:29	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/12/22 09:28	09/13/22 23:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:28	09/13/22 23:29	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/12/22 09:28	09/13/22 23:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	09/12/22 09:28	09/13/22 23:29	1
1,4-Difluorobenzene (Surr)	100		70 - 130	09/12/22 09:28	09/13/22 23:29	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-78 (4')

Lab Sample ID: 880-18879-78

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/07/22 16:44	09/08/22 03:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/07/22 16:44	09/08/22 03:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/07/22 16:44	09/08/22 03:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				09/07/22 16:44	09/08/22 03:53	1
o-Terphenyl	101		70 - 130				09/07/22 16:44	09/08/22 03:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.3		5.02		mg/Kg			09/09/22 11:29	1

Client Sample ID: CS-79 (4')

Lab Sample ID: 880-18879-79

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:28	09/13/22 23:54	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:28	09/13/22 23:54	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:28	09/13/22 23:54	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/12/22 09:28	09/13/22 23:54	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/12/22 09:28	09/13/22 23:54	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/12/22 09:28	09/13/22 23:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130				09/12/22 09:28	09/13/22 23:54	1
1,4-Difluorobenzene (Surr)	102		70 - 130				09/12/22 09:28	09/13/22 23:54	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/07/22 16:44	09/08/22 04:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/07/22 16:44	09/08/22 04:13	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-79 (4')

Lab Sample ID: 880-18879-79

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/07/22 16:44	09/08/22 04:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				09/07/22 16:44	09/08/22 04:13	1
o-Terphenyl	101		70 - 130				09/07/22 16:44	09/08/22 04:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.52		4.99		mg/Kg			09/09/22 11:34	1

Client Sample ID: CS-80 (4')

Lab Sample ID: 880-18879-80

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/12/22 09:28	09/14/22 00:20	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/12/22 09:28	09/14/22 00:20	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/12/22 09:28	09/14/22 00:20	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		09/12/22 09:28	09/14/22 00:20	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/12/22 09:28	09/14/22 00:20	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		09/12/22 09:28	09/14/22 00:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130				09/12/22 09:28	09/14/22 00:20	1
1,4-Difluorobenzene (Surr)	102		70 - 130				09/12/22 09:28	09/14/22 00:20	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/07/22 16:44	09/08/22 04:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/07/22 16:44	09/08/22 04:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/07/22 16:44	09/08/22 04:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				09/07/22 16:44	09/08/22 04:33	1
o-Terphenyl	93		70 - 130				09/07/22 16:44	09/08/22 04:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.78		5.00		mg/Kg			09/09/22 11:38	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-81 (4')

Lab Sample ID: 880-18879-81

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/12/22 10:19	09/14/22 12:30	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/12/22 10:19	09/14/22 12:30	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/12/22 10:19	09/14/22 12:30	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		09/12/22 10:19	09/14/22 12:30	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/12/22 10:19	09/14/22 12:30	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		09/12/22 10:19	09/14/22 12:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	09/12/22 10:19	09/14/22 12:30	1
1,4-Difluorobenzene (Surr)	68	S1-	70 - 130	09/12/22 10:19	09/14/22 12:30	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1 F2	50.0		mg/Kg		09/08/22 08:42	09/08/22 10:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/08/22 08:42	09/08/22 10:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/08/22 08:42	09/08/22 10:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	09/08/22 08:42	09/08/22 10:46	1
o-Terphenyl	103		70 - 130	09/08/22 08:42	09/08/22 10:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.5		5.02		mg/Kg			09/08/22 18:39	1

Client Sample ID: CS-82 (4')

Lab Sample ID: 880-18879-82

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/12/22 10:19	09/14/22 12:50	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/12/22 10:19	09/14/22 12:50	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/12/22 10:19	09/14/22 12:50	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/12/22 10:19	09/14/22 12:50	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/12/22 10:19	09/14/22 12:50	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/12/22 10:19	09/14/22 12:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	09/12/22 10:19	09/14/22 12:50	1
1,4-Difluorobenzene (Surr)	78		70 - 130	09/12/22 10:19	09/14/22 12:50	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-82 (4')

Lab Sample ID: 880-18879-82

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		09/08/22 08:42	09/08/22 11:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/08/22 08:42	09/08/22 11:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/08/22 08:42	09/08/22 11:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				09/08/22 08:42	09/08/22 11:50	1
o-Terphenyl	96		70 - 130				09/08/22 08:42	09/08/22 11:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	57.3		4.97		mg/Kg			09/08/22 18:53	1

Client Sample ID: CS-83 (4')

Lab Sample ID: 880-18879-83

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/12/22 10:19	09/14/22 13:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/12/22 10:19	09/14/22 13:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/12/22 10:19	09/14/22 13:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/12/22 10:19	09/14/22 13:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/12/22 10:19	09/14/22 13:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/12/22 10:19	09/14/22 13:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				09/12/22 10:19	09/14/22 13:11	1
1,4-Difluorobenzene (Surr)	81		70 - 130				09/12/22 10:19	09/14/22 13:11	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		09/08/22 08:42	09/08/22 12:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/08/22 08:42	09/08/22 12:12	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-83 (4')

Lab Sample ID: 880-18879-83

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/08/22 08:42	09/08/22 12:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130				09/08/22 08:42	09/08/22 12:12	1
o-Terphenyl	113		70 - 130				09/08/22 08:42	09/08/22 12:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	99.1		5.00		mg/Kg			09/08/22 18:58	1

Client Sample ID: CS-84 (4')

Lab Sample ID: 880-18879-84

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/12/22 10:19	09/14/22 13:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/12/22 10:19	09/14/22 13:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/12/22 10:19	09/14/22 13:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/12/22 10:19	09/14/22 13:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/12/22 10:19	09/14/22 13:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/12/22 10:19	09/14/22 13:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				09/12/22 10:19	09/14/22 13:31	1
1,4-Difluorobenzene (Surr)	96		70 - 130				09/12/22 10:19	09/14/22 13:31	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		09/08/22 08:42	09/08/22 12:33	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/08/22 08:42	09/08/22 12:33	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/08/22 08:42	09/08/22 12:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130				09/08/22 08:42	09/08/22 12:33	1
o-Terphenyl	115		70 - 130				09/08/22 08:42	09/08/22 12:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	62.2		5.02		mg/Kg			09/08/22 19:03	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-85 (4')

Lab Sample ID: 880-18879-85

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/12/22 10:19	09/14/22 13:52	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/12/22 10:19	09/14/22 13:52	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/12/22 10:19	09/14/22 13:52	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/12/22 10:19	09/14/22 13:52	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/12/22 10:19	09/14/22 13:52	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/12/22 10:19	09/14/22 13:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	09/12/22 10:19	09/14/22 13:52	1
1,4-Difluorobenzene (Surr)	77		70 - 130	09/12/22 10:19	09/14/22 13:52	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		09/08/22 08:42	09/08/22 12:55	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/08/22 08:42	09/08/22 12:55	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/08/22 08:42	09/08/22 12:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	128		70 - 130	09/08/22 08:42	09/08/22 12:55	1
o-Terphenyl	115		70 - 130	09/08/22 08:42	09/08/22 12:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	106		4.95		mg/Kg			09/08/22 19:08	1

Client Sample ID: CS-86 (4')

Lab Sample ID: 880-18879-86

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/12/22 10:19	09/14/22 14:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/12/22 10:19	09/14/22 14:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/12/22 10:19	09/14/22 14:12	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/12/22 10:19	09/14/22 14:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/12/22 10:19	09/14/22 14:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/12/22 10:19	09/14/22 14:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	09/12/22 10:19	09/14/22 14:12	1
1,4-Difluorobenzene (Surr)	77		70 - 130	09/12/22 10:19	09/14/22 14:12	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-86 (4')

Lab Sample ID: 880-18879-86

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		09/08/22 08:42	09/08/22 13:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/08/22 08:42	09/08/22 13:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/08/22 08:42	09/08/22 13:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				09/08/22 08:42	09/08/22 13:17	1
o-Terphenyl	97		70 - 130				09/08/22 08:42	09/08/22 13:17	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.5		4.97		mg/Kg			09/08/22 19:22	1

Client Sample ID: CS-87 (4')

Lab Sample ID: 880-18879-87

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/12/22 10:19	09/14/22 14:32	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/12/22 10:19	09/14/22 14:32	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/12/22 10:19	09/14/22 14:32	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		09/12/22 10:19	09/14/22 14:32	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/12/22 10:19	09/14/22 14:32	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		09/12/22 10:19	09/14/22 14:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				09/12/22 10:19	09/14/22 14:32	1
1,4-Difluorobenzene (Surr)	73		70 - 130				09/12/22 10:19	09/14/22 14:32	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		09/08/22 08:42	09/08/22 13:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/08/22 08:42	09/08/22 13:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-87 (4')

Lab Sample ID: 880-18879-87

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/08/22 08:42	09/08/22 13:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 130				09/08/22 08:42	09/08/22 13:38	1
o-Terphenyl	118		70 - 130				09/08/22 08:42	09/08/22 13:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.07		4.98		mg/Kg			09/08/22 19:27	1

Client Sample ID: CS-88 (4')

Lab Sample ID: 880-18879-88

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/12/22 10:19	09/14/22 14:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/12/22 10:19	09/14/22 14:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/12/22 10:19	09/14/22 14:53	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/12/22 10:19	09/14/22 14:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/12/22 10:19	09/14/22 14:53	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/12/22 10:19	09/14/22 14:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				09/12/22 10:19	09/14/22 14:53	1
1,4-Difluorobenzene (Surr)	83		70 - 130				09/12/22 10:19	09/14/22 14:53	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		09/08/22 08:42	09/08/22 14:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/08/22 08:42	09/08/22 14:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/08/22 08:42	09/08/22 14:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				09/08/22 08:42	09/08/22 14:00	1
o-Terphenyl	107		70 - 130				09/08/22 08:42	09/08/22 14:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.3		4.98		mg/Kg			09/08/22 19:32	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-89 (4')

Lab Sample ID: 880-18879-89

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/12/22 10:19	09/14/22 15:13	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/12/22 10:19	09/14/22 15:13	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/12/22 10:19	09/14/22 15:13	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/12/22 10:19	09/14/22 15:13	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/12/22 10:19	09/14/22 15:13	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/12/22 10:19	09/14/22 15:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	09/12/22 10:19	09/14/22 15:13	1
1,4-Difluorobenzene (Surr)	87		70 - 130	09/12/22 10:19	09/14/22 15:13	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		09/08/22 08:42	09/08/22 14:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/08/22 08:42	09/08/22 14:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/08/22 08:42	09/08/22 14:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	131	S1+	70 - 130	09/08/22 08:42	09/08/22 14:22	1
o-Terphenyl	116		70 - 130	09/08/22 08:42	09/08/22 14:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	74.5		4.98		mg/Kg			09/08/22 19:37	1

Client Sample ID: CS-90 (4')

Lab Sample ID: 880-18879-90

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/12/22 10:19	09/14/22 15:34	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/12/22 10:19	09/14/22 15:34	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/12/22 10:19	09/14/22 15:34	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		09/12/22 10:19	09/14/22 15:34	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/12/22 10:19	09/14/22 15:34	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		09/12/22 10:19	09/14/22 15:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	09/12/22 10:19	09/14/22 15:34	1
1,4-Difluorobenzene (Surr)	73		70 - 130	09/12/22 10:19	09/14/22 15:34	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-90 (4')

Lab Sample ID: 880-18879-90

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		09/08/22 08:42	09/08/22 14:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/08/22 08:42	09/08/22 14:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/08/22 08:42	09/08/22 14:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130				09/08/22 08:42	09/08/22 14:43	1
o-Terphenyl	110		70 - 130				09/08/22 08:42	09/08/22 14:43	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.79		5.00		mg/Kg			09/08/22 19:42	1

Client Sample ID: CS-91 (4')

Lab Sample ID: 880-18879-91

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/14/22 08:38	09/14/22 09:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/14/22 08:38	09/14/22 09:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/14/22 08:38	09/14/22 09:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/14/22 08:38	09/14/22 09:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/14/22 08:38	09/14/22 09:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/14/22 08:38	09/14/22 09:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				09/14/22 08:38	09/14/22 09:50	1
1,4-Difluorobenzene (Surr)	79		70 - 130				09/14/22 08:38	09/14/22 09:50	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		09/08/22 08:42	09/08/22 15:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/08/22 08:42	09/08/22 15:26	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-91 (4')

Lab Sample ID: 880-18879-91

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/08/22 08:42	09/08/22 15:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130				09/08/22 08:42	09/08/22 15:26	1
o-Terphenyl	109		70 - 130				09/08/22 08:42	09/08/22 15:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.8		5.02		mg/Kg			09/08/22 19:47	1

Client Sample ID: CS-92 (4')

Lab Sample ID: 880-18879-92

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/14/22 08:38	09/14/22 10:16	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/14/22 08:38	09/14/22 10:16	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/14/22 08:38	09/14/22 10:16	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/14/22 08:38	09/14/22 10:16	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/14/22 08:38	09/14/22 10:16	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/14/22 08:38	09/14/22 10:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130				09/14/22 08:38	09/14/22 10:16	1
1,4-Difluorobenzene (Surr)	92		70 - 130				09/14/22 08:38	09/14/22 10:16	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		09/08/22 08:42	09/08/22 15:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/08/22 08:42	09/08/22 15:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/08/22 08:42	09/08/22 15:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130				09/08/22 08:42	09/08/22 15:48	1
o-Terphenyl	115		70 - 130				09/08/22 08:42	09/08/22 15:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	52.5		5.01		mg/Kg			09/08/22 20:01	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-93 (4')

Lab Sample ID: 880-18879-93

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/14/22 08:38	09/14/22 10:41	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/14/22 08:38	09/14/22 10:41	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/14/22 08:38	09/14/22 10:41	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		09/14/22 08:38	09/14/22 10:41	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/14/22 08:38	09/14/22 10:41	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		09/14/22 08:38	09/14/22 10:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	09/14/22 08:38	09/14/22 10:41	1
1,4-Difluorobenzene (Surr)	113		70 - 130	09/14/22 08:38	09/14/22 10:41	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		09/08/22 08:42	09/08/22 16:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/08/22 08:42	09/08/22 16:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/08/22 08:42	09/08/22 16:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130	09/08/22 08:42	09/08/22 16:09	1
o-Terphenyl	116		70 - 130	09/08/22 08:42	09/08/22 16:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	54.3		5.03		mg/Kg			09/08/22 20:06	1

Client Sample ID: CS-94 (4')

Lab Sample ID: 880-18879-94

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/14/22 08:38	09/14/22 11:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/14/22 08:38	09/14/22 11:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/14/22 08:38	09/14/22 11:07	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/14/22 08:38	09/14/22 11:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/14/22 08:38	09/14/22 11:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/14/22 08:38	09/14/22 11:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130	09/14/22 08:38	09/14/22 11:07	1
1,4-Difluorobenzene (Surr)	94		70 - 130	09/14/22 08:38	09/14/22 11:07	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-94 (4')

Lab Sample ID: 880-18879-94

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		09/08/22 08:42	09/08/22 16:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/08/22 08:42	09/08/22 16:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/08/22 08:42	09/08/22 16:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				09/08/22 08:42	09/08/22 16:31	1
o-Terphenyl	101		70 - 130				09/08/22 08:42	09/08/22 16:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	59.2		4.98		mg/Kg			09/08/22 20:21	1

Client Sample ID: CS-95 (4')

Lab Sample ID: 880-18879-95

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/14/22 08:38	09/14/22 11:33	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/14/22 08:38	09/14/22 11:33	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/14/22 08:38	09/14/22 11:33	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		09/14/22 08:38	09/14/22 11:33	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/14/22 08:38	09/14/22 11:33	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		09/14/22 08:38	09/14/22 11:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				09/14/22 08:38	09/14/22 11:33	1
1,4-Difluorobenzene (Surr)	0.004	S1-	70 - 130				09/14/22 08:38	09/14/22 11:33	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		09/08/22 08:42	09/08/22 16:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/08/22 08:42	09/08/22 16:52	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-95 (4')

Lab Sample ID: 880-18879-95

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/08/22 08:42	09/08/22 16:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				09/08/22 08:42	09/08/22 16:52	1
o-Terphenyl	95		70 - 130				09/08/22 08:42	09/08/22 16:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	94.7		4.95		mg/Kg			09/08/22 20:26	1

Client Sample ID: CS-96 (4')

Lab Sample ID: 880-18879-96

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/14/22 08:38	09/14/22 11:59	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/14/22 08:38	09/14/22 11:59	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/14/22 08:38	09/14/22 11:59	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		09/14/22 08:38	09/14/22 11:59	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/14/22 08:38	09/14/22 11:59	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		09/14/22 08:38	09/14/22 11:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130				09/14/22 08:38	09/14/22 11:59	1
1,4-Difluorobenzene (Surr)	101		70 - 130				09/14/22 08:38	09/14/22 11:59	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		09/08/22 08:42	09/08/22 17:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/08/22 08:42	09/08/22 17:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/08/22 08:42	09/08/22 17:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				09/08/22 08:42	09/08/22 17:14	1
o-Terphenyl	103		70 - 130				09/08/22 08:42	09/08/22 17:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.32		4.95		mg/Kg			09/08/22 20:30	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-97 (4')

Lab Sample ID: 880-18879-97

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/14/22 08:38	09/14/22 12:24	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/14/22 08:38	09/14/22 12:24	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/14/22 08:38	09/14/22 12:24	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		09/14/22 08:38	09/14/22 12:24	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/14/22 08:38	09/14/22 12:24	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		09/14/22 08:38	09/14/22 12:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	71		70 - 130	09/14/22 08:38	09/14/22 12:24	1
1,4-Difluorobenzene (Surr)	97		70 - 130	09/14/22 08:38	09/14/22 12:24	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		09/08/22 08:42	09/08/22 17:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/08/22 08:42	09/08/22 17:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/08/22 08:42	09/08/22 17:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130	09/08/22 08:42	09/08/22 17:35	1
o-Terphenyl	115		70 - 130	09/08/22 08:42	09/08/22 17:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.0		4.99		mg/Kg			09/08/22 20:35	1

Client Sample ID: CS-98 (4')

Lab Sample ID: 880-18879-98

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/14/22 08:38	09/14/22 12:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/14/22 08:38	09/14/22 12:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/14/22 08:38	09/14/22 12:50	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/14/22 08:38	09/14/22 12:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/14/22 08:38	09/14/22 12:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/14/22 08:38	09/14/22 12:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130	09/14/22 08:38	09/14/22 12:50	1
1,4-Difluorobenzene (Surr)	99		70 - 130	09/14/22 08:38	09/14/22 12:50	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-98 (4')

Lab Sample ID: 880-18879-98

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		09/08/22 08:42	09/08/22 17:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/08/22 08:42	09/08/22 17:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/08/22 08:42	09/08/22 17:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				09/08/22 08:42	09/08/22 17:57	1
o-Terphenyl	98		70 - 130				09/08/22 08:42	09/08/22 17:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44.2		5.01		mg/Kg			09/08/22 20:40	1

Client Sample ID: CS-99 (4')

Lab Sample ID: 880-18879-99

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/14/22 08:38	09/14/22 13:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/14/22 08:38	09/14/22 13:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/14/22 08:38	09/14/22 13:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/14/22 08:38	09/14/22 13:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/14/22 08:38	09/14/22 13:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/14/22 08:38	09/14/22 13:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	75		70 - 130				09/14/22 08:38	09/14/22 13:15	1
1,4-Difluorobenzene (Surr)	0.01	S1-	70 - 130				09/14/22 08:38	09/14/22 13:15	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		09/08/22 08:42	09/08/22 18:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/08/22 08:42	09/08/22 18:18	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-99 (4')

Lab Sample ID: 880-18879-99

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/08/22 08:42	09/08/22 18:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130				09/08/22 08:42	09/08/22 18:18	1
o-Terphenyl	108		70 - 130				09/08/22 08:42	09/08/22 18:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	48.1		5.03		mg/Kg			09/08/22 20:45	1

Client Sample ID: CS-100 (4')

Lab Sample ID: 880-18879-100

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/14/22 08:38	09/14/22 13:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/14/22 08:38	09/14/22 13:41	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/14/22 08:38	09/14/22 13:41	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/14/22 08:38	09/14/22 13:41	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/14/22 08:38	09/14/22 13:41	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/14/22 08:38	09/14/22 13:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130				09/14/22 08:38	09/14/22 13:41	1
1,4-Difluorobenzene (Surr)	104		70 - 130				09/14/22 08:38	09/14/22 13:41	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		09/08/22 08:42	09/08/22 18:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/08/22 08:42	09/08/22 18:40	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/08/22 08:42	09/08/22 18:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				09/08/22 08:42	09/08/22 18:40	1
o-Terphenyl	100		70 - 130				09/08/22 08:42	09/08/22 18:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.17		4.97		mg/Kg			09/08/22 20:50	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-101 (4')

Lab Sample ID: 880-18879-101

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U F1	0.00201		mg/Kg		09/12/22 10:28	09/13/22 22:09	1
Toluene	<0.00201	U F1	0.00201		mg/Kg		09/12/22 10:28	09/13/22 22:09	1
Ethylbenzene	<0.00201	U F1	0.00201		mg/Kg		09/12/22 10:28	09/13/22 22:09	1
m-Xylene & p-Xylene	<0.00402	U F1	0.00402		mg/Kg		09/12/22 10:28	09/13/22 22:09	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/12/22 10:28	09/13/22 22:09	1
Xylenes, Total	<0.00402	U F1	0.00402		mg/Kg		09/12/22 10:28	09/13/22 22:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	09/12/22 10:28	09/13/22 22:09	1
1,4-Difluorobenzene (Surr)	81		70 - 130	09/12/22 10:28	09/13/22 22:09	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/08/22 08:45	09/08/22 13:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/08/22 08:45	09/08/22 13:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/08/22 08:45	09/08/22 13:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	09/08/22 08:45	09/08/22 13:17	1
o-Terphenyl	106		70 - 130	09/08/22 08:45	09/08/22 13:17	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	56.0		5.00		mg/Kg			09/08/22 09:03	1

Client Sample ID: SW-1 (4')

Lab Sample ID: 880-18879-102

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/12/22 10:28	09/13/22 22:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/12/22 10:28	09/13/22 22:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/12/22 10:28	09/13/22 22:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/12/22 10:28	09/13/22 22:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/12/22 10:28	09/13/22 22:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/12/22 10:28	09/13/22 22:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	09/12/22 10:28	09/13/22 22:29	1
1,4-Difluorobenzene (Surr)	75		70 - 130	09/12/22 10:28	09/13/22 22:29	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: SW-1 (4')

Lab Sample ID: 880-18879-102

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/08/22 08:45	09/08/22 13:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/08/22 08:45	09/08/22 13:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/08/22 08:45	09/08/22 13:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				09/08/22 08:45	09/08/22 13:38	1
o-Terphenyl	96		70 - 130				09/08/22 08:45	09/08/22 13:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.7		4.96		mg/Kg			09/08/22 09:13	1

Client Sample ID: SW-2 (4')

Lab Sample ID: 880-18879-103

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/12/22 10:28	09/13/22 22:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/12/22 10:28	09/13/22 22:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/12/22 10:28	09/13/22 22:49	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/12/22 10:28	09/13/22 22:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/12/22 10:28	09/13/22 22:49	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/12/22 10:28	09/13/22 22:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				09/12/22 10:28	09/13/22 22:49	1
1,4-Difluorobenzene (Surr)	80		70 - 130				09/12/22 10:28	09/13/22 22:49	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/08/22 08:45	09/08/22 14:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/08/22 08:45	09/08/22 14:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: SW-2 (4')

Lab Sample ID: 880-18879-103

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/08/22 08:45	09/08/22 14:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				09/08/22 08:45	09/08/22 14:00	1
o-Terphenyl	98		70 - 130				09/08/22 08:45	09/08/22 14:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.7		4.97		mg/Kg			09/08/22 09:22	1

Client Sample ID: SW-3 (4')

Lab Sample ID: 880-18879-104

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/12/22 10:28	09/13/22 23:10	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/12/22 10:28	09/13/22 23:10	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/12/22 10:28	09/13/22 23:10	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		09/12/22 10:28	09/13/22 23:10	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/12/22 10:28	09/13/22 23:10	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		09/12/22 10:28	09/13/22 23:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				09/12/22 10:28	09/13/22 23:10	1
1,4-Difluorobenzene (Surr)	75		70 - 130				09/12/22 10:28	09/13/22 23:10	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/08/22 08:45	09/08/22 14:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/08/22 08:45	09/08/22 14:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/08/22 08:45	09/08/22 14:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				09/08/22 08:45	09/08/22 14:22	1
o-Terphenyl	92		70 - 130				09/08/22 08:45	09/08/22 14:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	51.2		5.04		mg/Kg			09/08/22 09:31	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: SW-4 (4')

Lab Sample ID: 880-18879-105

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/12/22 10:28	09/13/22 23:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/12/22 10:28	09/13/22 23:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/12/22 10:28	09/13/22 23:30	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/12/22 10:28	09/13/22 23:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/12/22 10:28	09/13/22 23:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/12/22 10:28	09/13/22 23:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	09/12/22 10:28	09/13/22 23:30	1
1,4-Difluorobenzene (Surr)	82		70 - 130	09/12/22 10:28	09/13/22 23:30	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/08/22 08:45	09/08/22 14:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/08/22 08:45	09/08/22 14:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/08/22 08:45	09/08/22 14:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	09/08/22 08:45	09/08/22 14:43	1
o-Terphenyl	97		70 - 130	09/08/22 08:45	09/08/22 14:43	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	81.4		5.03		mg/Kg			09/08/22 09:40	1

Client Sample ID: SW-5 (4')

Lab Sample ID: 880-18879-106

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/12/22 10:28	09/13/22 23:51	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/12/22 10:28	09/13/22 23:51	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/12/22 10:28	09/13/22 23:51	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/12/22 10:28	09/13/22 23:51	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/12/22 10:28	09/13/22 23:51	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/12/22 10:28	09/13/22 23:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	09/12/22 10:28	09/13/22 23:51	1
1,4-Difluorobenzene (Surr)	88		70 - 130	09/12/22 10:28	09/13/22 23:51	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: SW-5 (4')

Lab Sample ID: 880-18879-106

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/08/22 08:45	09/08/22 15:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/08/22 08:45	09/08/22 15:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/08/22 08:45	09/08/22 15:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				09/08/22 08:45	09/08/22 15:26	1
o-Terphenyl	101		70 - 130				09/08/22 08:45	09/08/22 15:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.0		5.00		mg/Kg			09/08/22 09:49	1

Client Sample ID: SW-6 (4')

Lab Sample ID: 880-18879-107

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/12/22 10:28	09/14/22 00:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/12/22 10:28	09/14/22 00:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/12/22 10:28	09/14/22 00:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/12/22 10:28	09/14/22 00:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/12/22 10:28	09/14/22 00:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/12/22 10:28	09/14/22 00:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				09/12/22 10:28	09/14/22 00:11	1
1,4-Difluorobenzene (Surr)	91		70 - 130				09/12/22 10:28	09/14/22 00:11	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/08/22 08:45	09/08/22 15:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/08/22 08:45	09/08/22 15:48	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: SW-6 (4')

Lab Sample ID: 880-18879-107

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/08/22 08:45	09/08/22 15:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				09/08/22 08:45	09/08/22 15:48	1
o-Terphenyl	114		70 - 130				09/08/22 08:45	09/08/22 15:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.7		4.97		mg/Kg			09/08/22 10:17	1

Client Sample ID: SW-7 (4')

Lab Sample ID: 880-18879-108

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/12/22 10:28	09/14/22 00:32	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/12/22 10:28	09/14/22 00:32	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/12/22 10:28	09/14/22 00:32	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		09/12/22 10:28	09/14/22 00:32	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/12/22 10:28	09/14/22 00:32	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		09/12/22 10:28	09/14/22 00:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				09/12/22 10:28	09/14/22 00:32	1
1,4-Difluorobenzene (Surr)	72		70 - 130				09/12/22 10:28	09/14/22 00:32	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/08/22 08:45	09/08/22 16:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/08/22 08:45	09/08/22 16:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/08/22 08:45	09/08/22 16:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				09/08/22 08:45	09/08/22 16:09	1
o-Terphenyl	110		70 - 130				09/08/22 08:45	09/08/22 16:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	79.5		4.99		mg/Kg			09/08/22 10:26	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: SW-8 (4')

Lab Sample ID: 880-18879-109

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/12/22 10:28	09/14/22 00:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/12/22 10:28	09/14/22 00:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/12/22 10:28	09/14/22 00:52	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/12/22 10:28	09/14/22 00:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/12/22 10:28	09/14/22 00:52	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/12/22 10:28	09/14/22 00:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	09/12/22 10:28	09/14/22 00:52	1
1,4-Difluorobenzene (Surr)	73		70 - 130	09/12/22 10:28	09/14/22 00:52	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/08/22 08:45	09/08/22 16:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/08/22 08:45	09/08/22 16:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/08/22 08:45	09/08/22 16:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	09/08/22 08:45	09/08/22 16:31	1
o-Terphenyl	100		70 - 130	09/08/22 08:45	09/08/22 16:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	53.3		5.03		mg/Kg			09/08/22 10:54	1

Client Sample ID: SW-9 (4')

Lab Sample ID: 880-18879-110

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/12/22 10:28	09/14/22 01:13	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/12/22 10:28	09/14/22 01:13	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/12/22 10:28	09/14/22 01:13	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/12/22 10:28	09/14/22 01:13	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/12/22 10:28	09/14/22 01:13	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/12/22 10:28	09/14/22 01:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	09/12/22 10:28	09/14/22 01:13	1
1,4-Difluorobenzene (Surr)	91		70 - 130	09/12/22 10:28	09/14/22 01:13	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: SW-9 (4')

Lab Sample ID: 880-18879-110

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/08/22 08:45	09/08/22 16:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/08/22 08:45	09/08/22 16:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/08/22 08:45	09/08/22 16:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				09/08/22 08:45	09/08/22 16:52	1
o-Terphenyl	95		70 - 130				09/08/22 08:45	09/08/22 16:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	114		5.05		mg/Kg			09/08/22 11:04	1

Client Sample ID: SW-10 (4')

Lab Sample ID: 880-18879-111

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/12/22 10:28	09/14/22 02:35	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/12/22 10:28	09/14/22 02:35	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/12/22 10:28	09/14/22 02:35	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		09/12/22 10:28	09/14/22 02:35	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/12/22 10:28	09/14/22 02:35	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		09/12/22 10:28	09/14/22 02:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				09/12/22 10:28	09/14/22 02:35	1
1,4-Difluorobenzene (Surr)	79		70 - 130				09/12/22 10:28	09/14/22 02:35	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/08/22 08:45	09/08/22 17:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/08/22 08:45	09/08/22 17:14	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: SW-10 (4')

Lab Sample ID: 880-18879-111

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/08/22 08:45	09/08/22 17:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				09/08/22 08:45	09/08/22 17:14	1
o-Terphenyl	96		70 - 130				09/08/22 08:45	09/08/22 17:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.0		4.98		mg/Kg			09/08/22 11:13	1

Client Sample ID: SW-11 (4')

Lab Sample ID: 880-18879-112

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/12/22 10:28	09/14/22 02:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/12/22 10:28	09/14/22 02:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/12/22 10:28	09/14/22 02:56	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/12/22 10:28	09/14/22 02:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/12/22 10:28	09/14/22 02:56	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/12/22 10:28	09/14/22 02:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				09/12/22 10:28	09/14/22 02:56	1
1,4-Difluorobenzene (Surr)	99		70 - 130				09/12/22 10:28	09/14/22 02:56	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/08/22 08:45	09/08/22 17:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/08/22 08:45	09/08/22 17:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/08/22 08:45	09/08/22 17:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				09/08/22 08:45	09/08/22 17:35	1
o-Terphenyl	95		70 - 130				09/08/22 08:45	09/08/22 17:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	68.9		4.97		mg/Kg			09/08/22 11:22	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: SW-12 (4')

Lab Sample ID: 880-18879-113

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/12/22 10:28	09/14/22 03:16	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/12/22 10:28	09/14/22 03:16	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/12/22 10:28	09/14/22 03:16	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/12/22 10:28	09/14/22 03:16	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/12/22 10:28	09/14/22 03:16	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/12/22 10:28	09/14/22 03:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	09/12/22 10:28	09/14/22 03:16	1
1,4-Difluorobenzene (Surr)	65	S1-	70 - 130	09/12/22 10:28	09/14/22 03:16	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/12/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/08/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/08/22 08:45	09/08/22 17:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/08/22 08:45	09/08/22 17:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/08/22 08:45	09/08/22 17:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	09/08/22 08:45	09/08/22 17:57	1
o-Terphenyl	98		70 - 130	09/08/22 08:45	09/08/22 17:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.1		5.00		mg/Kg			09/08/22 11:31	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-18879-1	CS-1 (4')	110	89
880-18879-1 MS	CS-1 (4')	92	101
880-18879-1 MSD	CS-1 (4')	98	107
880-18879-2	CS-2 (4')	99	112
880-18879-3	CS-3 (4')	102	108
880-18879-4	CS-4 (4')	100	108
880-18879-5	CS-5 (4')	92	100
880-18879-6	CS-6 (4')	102	103
880-18879-7	CS-7 (4')	96	106
880-18879-8	CS-8 (4')	97	106
880-18879-9	CS-9 (4')	95	107
880-18879-10	CS-10 (4')	97	109
880-18879-11	CS-11 (4')	105	98
880-18879-12	CS-12 (4')	99	113
880-18879-13	CS-13 (4')	98	115
880-18879-14	CS-14 (4')	108	114
880-18879-15	CS-15 (4')	101	107
880-18879-16	CS-16 (4')	101	108
880-18879-17	CS-17 (4')	90	113
880-18879-18	CS-18 (4')	100	106
880-18879-19	CS-19 (4')	108	111
880-18879-20	CS-20 (4')	97	101
880-18879-21	CS-21 (4')	109	93
880-18879-21 MS	CS-21 (4')	103	111
880-18879-21 MSD	CS-21 (4')	98	107
880-18879-22	CS-22 (4')	91	109
880-18879-23	CS-23 (4')	103	111
880-18879-24	CS-24 (4')	91	106
880-18879-25	CS-25 (4')	112	111
880-18879-26	CS-26 (4')	102	112
880-18879-27	CS-27 (4')	109	109
880-18879-28	CS-28 (4')	109	113
880-18879-29	CS-29 (4')	97	108
880-18879-30	CS-30 (4')	99	110
880-18879-31	CS-31 (4')	102	90
880-18879-32	CS-32 (4')	92	113
880-18879-33	CS-33 (4')	96	103
880-18879-34	CS-34 (4')	89	103
880-18879-35	CS-35 (4')	96	100
880-18879-36	CS-36 (4')	100	111
880-18879-37	CS-37 (4')	89	116
880-18879-38	CS-38 (4')	103	116
880-18879-39	CS-39 (4')	102	106
880-18879-40	CS-40 (4')	103	105
880-18879-41	CS-41 (4')	117	103
880-18879-41 MS	CS-41 (4')	100	110
880-18879-41 MSD	CS-41 (4')	91	103
880-18879-42	CS-42 (4')	108	106
880-18879-43	CS-43 (4')	114	103

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-18879-1

Project/Site: Silverback Federal B2 Tank Battery

SDG: Eddy Co, NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-18879-44	CS-44 (4')	98	126
880-18879-45	CS-45 (4')	102	109
880-18879-46	CS-46 (4')	108	112
880-18879-47	CS-47 (4')	97	102
880-18879-48	CS-48 (4')	97	118
880-18879-49	CS-49 (4')	100	108
880-18879-50	CS-50 (4')	102	104
880-18879-51	CS-51 (4')	110	106
880-18879-52	CS-52 (4')	111	107
880-18879-53	CS-53 (4')	96	122
880-18879-54	CS-54 (4')	100	115
880-18879-55	CS-55 (4')	92	116
880-18879-56	CS-56 (4')	101	100
880-18879-57	CS-57 (4')	96	105
880-18879-58	CS-58 (4')	108	102
880-18879-59	CS-59 (4')	101	113
880-18879-60	CS-60 (4')	104	107
880-18879-61	CS-61 (4')	99	89
880-18879-61 MS	CS-61 (4')	71	124
880-18879-61 MSD	CS-61 (4')	78	109
880-18879-62	CS-62 (4')	94	113
880-18879-63	CS-63 (4')	86	109
880-18879-64	CS-64 (4')	88	104
880-18879-65	CS-65 (4')	89	110
880-18879-66	CS-66 (4')	95	110
880-18879-67	CS-67 (4')	73	93
880-18879-68	CS-68 (4')	77	101
880-18879-69	CS-69 (4')	76	97
880-18879-70	CS-70 (4')	84	99
880-18879-71	CS-71 (4')	77	90
880-18879-72	CS-72 (4')	91	109
880-18879-73	CS-73 (4')	91	102
880-18879-74	CS-74 (4')	81	101
880-18879-75	CS-75 (4')	92	131 S1+
880-18879-76	CS-76 (4')	76	103
880-18879-77	CS-77 (4')	80	99
880-18879-78	CS-78 (4')	88	100
880-18879-79	CS-79 (4')	85	102
880-18879-80	CS-80 (4')	81	102
880-18879-81	CS-81 (4')	98	68 S1-
880-18879-81 MS	CS-81 (4')	135 S1+	101
880-18879-81 MSD	CS-81 (4')	126	106
880-18879-82	CS-82 (4')	106	78
880-18879-83	CS-83 (4')	106	81
880-18879-84	CS-84 (4')	100	96
880-18879-85	CS-85 (4')	106	77
880-18879-86	CS-86 (4')	109	77
880-18879-87	CS-87 (4')	96	73
880-18879-88	CS-88 (4')	112	83
880-18879-89	CS-89 (4')	116	87

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-18879-1

Project/Site: Silverback Federal B2 Tank Battery

SDG: Eddy Co, NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-18879-90	CS-90 (4')	92	73
880-18879-91	CS-91 (4')	89	79
880-18879-92	CS-92 (4')	76	92
880-18879-93	CS-93 (4')	98	113
880-18879-94	CS-94 (4')	81	94
880-18879-95	CS-95 (4')	90	0.004 S1-
880-18879-96	CS-96 (4')	76	101
880-18879-97	CS-97 (4')	71	97
880-18879-98	CS-98 (4')	78	99
880-18879-99	CS-99 (4')	75	0.01 S1-
880-18879-100	CS-100 (4')	81	104
880-18879-101	CS-101 (4')	91	81
880-18879-101 MS	CS-101 (4')	123	105
880-18879-101 MSD	CS-101 (4')	127	105
880-18879-102	SW-1 (4')	95	75
880-18879-103	SW-2 (4')	110	80
880-18879-104	SW-3 (4')	109	75
880-18879-105	SW-4 (4')	121	82
880-18879-106	SW-5 (4')	90	88
880-18879-107	SW-6 (4')	92	91
880-18879-108	SW-7 (4')	95	72
880-18879-109	SW-8 (4')	101	73
880-18879-110	SW-9 (4')	88	91
880-18879-111	SW-10 (4')	90	79
880-18879-112	SW-11 (4')	100	99
880-18879-113	SW-12 (4')	90	65 S1-
LCS 880-34178/1-A	Lab Control Sample	96	100
LCS 880-34187/1-A	Lab Control Sample	92	93
LCS 880-34188/1-A	Lab Control Sample	91	104
LCS 880-34195/1-A	Lab Control Sample	94	102
LCS 880-34216/1-A	Lab Control Sample	98	113
LCS 880-34264/1-A	Lab Control Sample	140 S1+	99
LCS 880-34272/1-A	Lab Control Sample	127	98
LCSD 880-34178/2-A	Lab Control Sample Dup	75	99
LCSD 880-34187/2-A	Lab Control Sample Dup	99	97
LCSD 880-34188/2-A	Lab Control Sample Dup	96	103
LCSD 880-34195/2-A	Lab Control Sample Dup	101	92
LCSD 880-34216/2-A	Lab Control Sample Dup	99	105
LCSD 880-34264/2-A	Lab Control Sample Dup	143 S1+	103
LCSD 880-34272/2-A	Lab Control Sample Dup	67 S1-	99
MB 880-34178/5-A	Method Blank	67 S1-	88
MB 880-34187/5-A	Method Blank	64 S1-	90
MB 880-34188/5-A	Method Blank	63 S1-	85
MB 880-34195/5-A	Method Blank	106	113
MB 880-34216/5-A	Method Blank	67 S1-	90
MB 880-34264/5-A	Method Blank	99	84
MB 880-34272/5-A	Method Blank	98	85
MB 880-34296/5-A	Method Blank	106	112
MB 880-34351/5-A	Method Blank	99	90

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Surrogate Summary

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-18878-A-1-G MS	Matrix Spike	104	89
880-18878-A-1-H MSD	Matrix Spike Duplicate	99	86
880-18879-1	CS-1 (4')	101	97
880-18879-1 MS	CS-1 (4')	97	82
880-18879-1 MSD	CS-1 (4')	101	83
880-18879-2	CS-2 (4')	102	96
880-18879-3	CS-3 (4')	103	97
880-18879-4	CS-4 (4')	106	102
880-18879-5	CS-5 (4')	116	114
880-18879-6	CS-6 (4')	118	115
880-18879-7	CS-7 (4')	97	93
880-18879-8	CS-8 (4')	93	88
880-18879-9	CS-9 (4')	105	103
880-18879-10	CS-10 (4')	92	87
880-18879-11	CS-11 (4')	101	97
880-18879-12	CS-12 (4')	92	87
880-18879-13	CS-13 (4')	92	86
880-18879-14	CS-14 (4')	85	81
880-18879-15	CS-15 (4')	90	89
880-18879-16	CS-16 (4')	94	90
880-18879-17	CS-17 (4')	90	86
880-18879-18	CS-18 (4')	92	87
880-18879-19	CS-19 (4')	92	88
880-18879-20	CS-20 (4')	90	84
880-18879-21	CS-21 (4')	122	111
880-18879-21 MS	CS-21 (4')	126	96
880-18879-21 MSD	CS-21 (4')	91	82
880-18879-22	CS-22 (4')	100	92
880-18879-23	CS-23 (4')	116	103
880-18879-24	CS-24 (4')	126	111
880-18879-25	CS-25 (4')	112	98
880-18879-26	CS-26 (4')	128	112
880-18879-27	CS-27 (4')	109	98
880-18879-28	CS-28 (4')	102	94
880-18879-29	CS-29 (4')	111	100
880-18879-30	CS-30 (4')	106	96
880-18879-31	CS-31 (4')	130	117
880-18879-32	CS-32 (4')	127	114
880-18879-33	CS-33 (4')	117	108
880-18879-34	CS-34 (4')	106	97
880-18879-35	CS-35 (4')	125	114
880-18879-36	CS-36 (4')	109	102
880-18879-37	CS-37 (4')	112	103
880-18879-38	CS-38 (4')	108	99
880-18879-39	CS-39 (4')	132 S1+	119
880-18879-40	CS-40 (4')	124	114

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-18879-1

Project/Site: Silverback Federal B2 Tank Battery

SDG: Eddy Co, NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-18879-41	CS-41 (4')	108	101
880-18879-41 MS	CS-41 (4')	100	83
880-18879-41 MSD	CS-41 (4')	102	84
880-18879-42	CS-42 (4')	111	104
880-18879-43	CS-43 (4')	121	117
880-18879-44	CS-44 (4')	102	97
880-18879-45	CS-45 (4')	119	117
880-18879-46	CS-46 (4')	124	118
880-18879-47	CS-47 (4')	115	110
880-18879-48	CS-48 (4')	123	115
880-18879-49	CS-49 (4')	133 S1+	128
880-18879-50	CS-50 (4')	126	122
880-18879-51	CS-51 (4')	124	113
880-18879-52	CS-52 (4')	118	111
880-18879-53	CS-53 (4')	121	113
880-18879-54	CS-54 (4')	129	126
880-18879-55	CS-55 (4')	119	112
880-18879-56	CS-56 (4')	124	116
880-18879-57	CS-57 (4')	120	112
880-18879-58	CS-58 (4')	115	109
880-18879-59	CS-59 (4')	117	111
880-18879-60	CS-60 (4')	115	108
880-18879-61	CS-61 (4')	83	93
880-18879-61 MS	CS-61 (4')	77	76
880-18879-61 MSD	CS-61 (4')	85	79
880-18879-62	CS-62 (4')	87	98
880-18879-63	CS-63 (4')	92	98
880-18879-64	CS-64 (4')	92	101
880-18879-65	CS-65 (4')	87	97
880-18879-66	CS-66 (4')	89	97
880-18879-67	CS-67 (4')	87	96
880-18879-68	CS-68 (4')	85	94
880-18879-69	CS-69 (4')	86	95
880-18879-70	CS-70 (4')	87	97
880-18879-71	CS-71 (4')	87	97
880-18879-72	CS-72 (4')	96	118
880-18879-73	CS-73 (4')	86	94
880-18879-74	CS-74 (4')	84	94
880-18879-75	CS-75 (4')	82	92
880-18879-76	CS-76 (4')	87	95
880-18879-77	CS-77 (4')	85	94
880-18879-78	CS-78 (4')	92	101
880-18879-79	CS-79 (4')	90	101
880-18879-80	CS-80 (4')	83	93
880-18879-81	CS-81 (4')	116	103
880-18879-81 MS	CS-81 (4')	121	96
880-18879-81 MSD	CS-81 (4')	87	80
880-18879-82	CS-82 (4')	105	96
880-18879-83	CS-83 (4')	127	113
880-18879-84	CS-84 (4')	126	115

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-18879-1

Project/Site: Silverback Federal B2 Tank Battery

SDG: Eddy Co, NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-18879-85	CS-85 (4')	128	115
880-18879-86	CS-86 (4')	105	97
880-18879-87	CS-87 (4')	129	118
880-18879-88	CS-88 (4')	120	107
880-18879-89	CS-89 (4')	131 S1+	116
880-18879-90	CS-90 (4')	122	110
880-18879-91	CS-91 (4')	123	109
880-18879-92	CS-92 (4')	127	115
880-18879-93	CS-93 (4')	124	116
880-18879-94	CS-94 (4')	108	101
880-18879-95	CS-95 (4')	103	95
880-18879-96	CS-96 (4')	110	103
880-18879-97	CS-97 (4')	126	115
880-18879-98	CS-98 (4')	104	98
880-18879-99	CS-99 (4')	122	108
880-18879-100	CS-100 (4')	106	100
880-18879-101	CS-101 (4')	108	106
880-18879-102	SW-1 (4')	98	96
880-18879-103	SW-2 (4')	99	98
880-18879-104	SW-3 (4')	92	92
880-18879-105	SW-4 (4')	98	97
880-18879-106	SW-5 (4')	101	101
880-18879-107	SW-6 (4')	117	114
880-18879-108	SW-7 (4')	113	110
880-18879-109	SW-8 (4')	101	100
880-18879-110	SW-9 (4')	97	95
880-18879-111	SW-10 (4')	97	96
880-18879-112	SW-11 (4')	95	95
880-18879-113	SW-12 (4')	100	98
LCS 880-33869/2-A	Lab Control Sample	151 S1+	145 S1+
LCS 880-33870/2-A	Lab Control Sample	145 S1+	125
LCS 880-33934/2-A	Lab Control Sample	147 S1+	138 S1+
LCS 880-33953/2-A	Lab Control Sample	100	112
LCS 880-33978/2-A	Lab Control Sample	153 S1+	129
LCS 880-33979/2-A	Lab Control Sample	162 S1+	156 S1+
LCSD 880-33869/3-A	Lab Control Sample Dup	141 S1+	136 S1+
LCSD 880-33870/3-A	Lab Control Sample Dup	142 S1+	123
LCSD 880-33934/3-A	Lab Control Sample Dup	143 S1+	132 S1+
LCSD 880-33953/3-A	Lab Control Sample Dup	91	107
LCSD 880-33978/3-A	Lab Control Sample Dup	125	113
LCSD 880-33979/3-A	Lab Control Sample Dup	140 S1+	137 S1+
MB 880-33869/1-A	Method Blank	125	121
MB 880-33870/1-A	Method Blank	138 S1+	128
MB 880-33934/1-A	Method Blank	134 S1+	129
MB 880-33953/1-A	Method Blank	112	121
MB 880-33978/1-A	Method Blank	105	101
MB 880-33979/1-A	Method Blank	101	100

Surrogate Legend

1CO = 1-Chlorooctane

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery
OTPH = o-Terphenyl

Job ID: 880-18879-1
SDG: Eddy Co, NM

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QC Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-34178/5-A

Matrix: Solid

Analysis Batch: 34384

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 34178

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/12/22 08:38	09/14/22 03:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/12/22 08:38	09/14/22 03:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/12/22 08:38	09/14/22 03:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/12/22 08:38	09/14/22 03:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/12/22 08:38	09/14/22 03:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/12/22 08:38	09/14/22 03:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	67	S1-	70 - 130	09/12/22 08:38	09/14/22 03:46	1
1,4-Difluorobenzene (Surr)	88		70 - 130	09/12/22 08:38	09/14/22 03:46	1

Lab Sample ID: LCS 880-34178/1-A

Matrix: Solid

Analysis Batch: 34384

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 34178

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07911		mg/Kg		79	70 - 130
Toluene	0.100	0.07898		mg/Kg		79	70 - 130
Ethylbenzene	0.100	0.07645		mg/Kg		76	70 - 130
m-Xylene & p-Xylene	0.200	0.1557		mg/Kg		78	70 - 130
o-Xylene	0.100	0.07855		mg/Kg		79	70 - 130

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

Lab Sample ID: LCSD 880-34178/2-A

Matrix: Solid

Analysis Batch: 34384

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 34178

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.07351		mg/Kg		74	70 - 130	7	35
Toluene	0.100	0.07517		mg/Kg		75	70 - 130	5	35
Ethylbenzene	0.100	0.07714		mg/Kg		77	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.1558		mg/Kg		78	70 - 130	0	35
o-Xylene	0.100	0.07544		mg/Kg		75	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	75		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-34187/5-A

Matrix: Solid

Analysis Batch: 34174

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 34187

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:04	09/12/22 11:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:04	09/12/22 11:44	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

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

Lab Sample ID: MB 880-34187/5-A

Matrix: Solid

Analysis Batch: 34174

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 34187

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:04	09/12/22 11:44	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/12/22 09:04	09/12/22 11:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:04	09/12/22 11:44	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/12/22 09:04	09/12/22 11:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	64	S1-	70 - 130	09/12/22 09:04	09/12/22 11:44	1
1,4-Difluorobenzene (Surr)	90		70 - 130	09/12/22 09:04	09/12/22 11:44	1

Lab Sample ID: LCS 880-34187/1-A

Matrix: Solid

Analysis Batch: 34174

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 34187

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08343		mg/Kg		83	70 - 130
Toluene	0.100	0.08638		mg/Kg		86	70 - 130
Ethylbenzene	0.100	0.08589		mg/Kg		86	70 - 130
m-Xylene & p-Xylene	0.200	0.1754		mg/Kg		88	70 - 130
o-Xylene	0.100	0.08634		mg/Kg		86	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: LCSD 880-34187/2-A

Matrix: Solid

Analysis Batch: 34174

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 34187

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08993		mg/Kg		90	70 - 130	7	35
Toluene	0.100	0.09205		mg/Kg		92	70 - 130	6	35
Ethylbenzene	0.100	0.08817		mg/Kg		88	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.1815		mg/Kg		91	70 - 130	3	35
o-Xylene	0.100	0.09150		mg/Kg		91	70 - 130	6	35

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

Lab Sample ID: 880-18879-1 MS

Matrix: Solid

Analysis Batch: 34174

Client Sample ID: CS-1 (4')

Prep Type: Total/NA

Prep Batch: 34187

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.101	0.08358		mg/Kg		83	70 - 130
Toluene	<0.00201	U	0.101	0.08281		mg/Kg		82	70 - 130
Ethylbenzene	<0.00201	U	0.101	0.07714		mg/Kg		77	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.202	0.1567		mg/Kg		78	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-18879-1 MS

Matrix: Solid

Analysis Batch: 34174

Client Sample ID: CS-1 (4')

Prep Type: Total/NA

Prep Batch: 34187

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	<0.00201	U	0.101	0.07536		mg/Kg		75	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	92		70 - 130						
1,4-Difluorobenzene (Surr)	101		70 - 130						

Lab Sample ID: 880-18879-1 MSD

Matrix: Solid

Analysis Batch: 34174

Client Sample ID: CS-1 (4')

Prep Type: Total/NA

Prep Batch: 34187

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0996	0.08867		mg/Kg		89	70 - 130	6	35
Toluene	<0.00201	U	0.0996	0.08503		mg/Kg		85	70 - 130	3	35
Ethylbenzene	<0.00201	U	0.0996	0.07998		mg/Kg		80	70 - 130	4	35
m-Xylene & p-Xylene	<0.00402	U	0.199	0.1633		mg/Kg		82	70 - 130	4	35
o-Xylene	<0.00201	U	0.0996	0.07880		mg/Kg		79	70 - 130	4	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	98		70 - 130								
1,4-Difluorobenzene (Surr)	107		70 - 130								

Lab Sample ID: MB 880-34188/5-A

Matrix: Solid

Analysis Batch: 34174

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 34188

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:11	09/13/22 01:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:11	09/13/22 01:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:11	09/13/22 01:05	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/12/22 09:11	09/13/22 01:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:11	09/13/22 01:05	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/12/22 09:11	09/13/22 01:05	1
Surrogate	MB %Recovery	MB Qualifier	Limits						
4-Bromofluorobenzene (Surr)	63	S1-	70 - 130						
1,4-Difluorobenzene (Surr)	85		70 - 130						

Lab Sample ID: LCS 880-34188/1-A

Matrix: Solid

Analysis Batch: 34174

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 34188

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08312		mg/Kg		83	70 - 130
Toluene	0.100	0.08043		mg/Kg		80	70 - 130
Ethylbenzene	0.100	0.07822		mg/Kg		78	70 - 130
m-Xylene & p-Xylene	0.200	0.1588		mg/Kg		79	70 - 130
o-Xylene	0.100	0.08026		mg/Kg		80	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-34188/1-A

Matrix: Solid

Analysis Batch: 34174

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 34188

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: LCSD 880-34188/2-A

Matrix: Solid

Analysis Batch: 34174

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 34188

	Spike	LCSD	LCSD						%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit		
Benzene	0.100	0.08782		mg/Kg		88	70 - 130	5	35		
Toluene	0.100	0.08545		mg/Kg		85	70 - 130	6	35		
Ethylbenzene	0.100	0.07969		mg/Kg		80	70 - 130	2	35		
m-Xylene & p-Xylene	0.200	0.1628		mg/Kg		81	70 - 130	2	35		
o-Xylene	0.100	0.08474		mg/Kg		85	70 - 130	5	35		

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-18879-21 MS

Matrix: Solid

Analysis Batch: 34174

Client Sample ID: CS-21 (4')

Prep Type: Total/NA

Prep Batch: 34188

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00202	U	0.101	0.07387		mg/Kg		73	70 - 130		
Toluene	<0.00202	U F1	0.101	0.06958	F1	mg/Kg		69	70 - 130		
Ethylbenzene	<0.00202	U F1	0.101	0.06402	F1	mg/Kg		64	70 - 130		
m-Xylene & p-Xylene	<0.00403	U F1	0.202	0.1300	F1	mg/Kg		64	70 - 130		
o-Xylene	<0.00202	U F1	0.101	0.06544	F1	mg/Kg		65	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: 880-18879-21 MSD

Matrix: Solid

Analysis Batch: 34174

Client Sample ID: CS-21 (4')

Prep Type: Total/NA

Prep Batch: 34188

	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	0.07632		mg/Kg		77	70 - 130	3	35
Toluene	<0.00202	U F1	0.0996	0.06796	F1	mg/Kg		68	70 - 130	2	35
Ethylbenzene	<0.00202	U F1	0.0996	0.07255		mg/Kg		73	70 - 130	12	35
m-Xylene & p-Xylene	<0.00403	U F1	0.199	0.1478		mg/Kg		74	70 - 130	13	35
o-Xylene	<0.00202	U F1	0.0996	0.07405		mg/Kg		74	70 - 130	12	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

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

Lab Sample ID: MB 880-34195/5-A

Matrix: Solid

Analysis Batch: 34301

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 34195

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:16	09/13/22 07:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:16	09/13/22 07:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:16	09/13/22 07:22	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/12/22 09:16	09/13/22 07:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:16	09/13/22 07:22	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/12/22 09:16	09/13/22 07:22	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	09/12/22 09:16	09/13/22 07:22	1
1,4-Difluorobenzene (Surr)	113		70 - 130	09/12/22 09:16	09/13/22 07:22	1

Lab Sample ID: LCS 880-34195/1-A

Matrix: Solid

Analysis Batch: 34301

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 34195

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08914		mg/Kg		89	70 - 130
Toluene	0.100	0.08255		mg/Kg		83	70 - 130
Ethylbenzene	0.100	0.08269		mg/Kg		83	70 - 130
m-Xylene & p-Xylene	0.200	0.1733		mg/Kg		87	70 - 130
o-Xylene	0.100	0.08762		mg/Kg		88	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-34195/2-A

Matrix: Solid

Analysis Batch: 34301

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 34195

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.07694		mg/Kg		77	70 - 130	15	35
Toluene	0.100	0.08280		mg/Kg		83	70 - 130	0	35
Ethylbenzene	0.100	0.08556		mg/Kg		86	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.1827		mg/Kg		91	70 - 130	5	35
o-Xylene	0.100	0.09200		mg/Kg		92	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: 880-18879-41 MS

Matrix: Solid

Analysis Batch: 34301

Client Sample ID: CS-41 (4')

Prep Type: Total/NA

Prep Batch: 34195

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U F1 F2	0.101	0.01703	F1	mg/Kg		17	70 - 130
Toluene	<0.00201	U F1 F2	0.101	0.01640	F1	mg/Kg		16	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-18879-41 MS

Matrix: Solid

Analysis Batch: 34301

Client Sample ID: CS-41 (4')

Prep Type: Total/NA

Prep Batch: 34195

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U F1 F2	0.101	0.01501	F1	mg/Kg		15	70 - 130
m-Xylene & p-Xylene	<0.00402	U F1 F2	0.202	0.02961	F1	mg/Kg		15	70 - 130
o-Xylene	<0.00201	U F1	0.101	0.01817	F1	mg/Kg		18	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: 880-18879-41 MSD

Matrix: Solid

Analysis Batch: 34301

Client Sample ID: CS-41 (4')

Prep Type: Total/NA

Prep Batch: 34195

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F1 F2	0.0996	0.02586	F1 F2	mg/Kg		26	70 - 130	41	35
Toluene	<0.00201	U F1 F2	0.0996	0.02376	F1 F2	mg/Kg		23	70 - 130	37	35
Ethylbenzene	<0.00201	U F1 F2	0.0996	0.02336	F1 F2	mg/Kg		23	70 - 130	44	35
m-Xylene & p-Xylene	<0.00402	U F1 F2	0.199	0.04597	F1 F2	mg/Kg		23	70 - 130	43	35
o-Xylene	<0.00201	U F1	0.0996	0.02596	F1	mg/Kg		26	70 - 130	35	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-34216/5-A

Matrix: Solid

Analysis Batch: 34384

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 34216

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:28	09/13/22 14:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:28	09/13/22 14:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:28	09/13/22 14:31	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/12/22 09:28	09/13/22 14:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/12/22 09:28	09/13/22 14:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/12/22 09:28	09/13/22 14:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	67	S1-	70 - 130	09/12/22 09:28	09/13/22 14:31	1
1,4-Difluorobenzene (Surr)	90		70 - 130	09/12/22 09:28	09/13/22 14:31	1

Lab Sample ID: LCS 880-34216/1-A

Matrix: Solid

Analysis Batch: 34384

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 34216

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09907		mg/Kg		99	70 - 130
Toluene	0.100	0.09380		mg/Kg		94	70 - 130
Ethylbenzene	0.100	0.08932		mg/Kg		89	70 - 130
m-Xylene & p-Xylene	0.200	0.1795		mg/Kg		90	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-34216/1-A

Matrix: Solid

Analysis Batch: 34384

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 34216

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.09030		mg/Kg		90	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	98		70 - 130				
1,4-Difluorobenzene (Surr)	113		70 - 130				

Lab Sample ID: LCSD 880-34216/2-A

Matrix: Solid

Analysis Batch: 34384

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 34216

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08309		mg/Kg		83	70 - 130	18	35
Toluene	0.100	0.08084		mg/Kg		81	70 - 130	15	35
Ethylbenzene	0.100	0.07842		mg/Kg		78	70 - 130	13	35
m-Xylene & p-Xylene	0.200	0.1600		mg/Kg		80	70 - 130	11	35
o-Xylene	0.100	0.08123		mg/Kg		81	70 - 130	11	35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	99		70 - 130						
1,4-Difluorobenzene (Surr)	105		70 - 130						

Lab Sample ID: 880-18879-61 MS

Matrix: Solid

Analysis Batch: 34384

Client Sample ID: CS-61 (4')

Prep Type: Total/NA

Prep Batch: 34216

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U F1	0.101	0.05249	F1	mg/Kg		52	70 - 130
Toluene	<0.00202	U F1	0.101	0.04756	F1	mg/Kg		47	70 - 130
Ethylbenzene	<0.00202	U F1	0.101	0.04697	F1	mg/Kg		47	70 - 130
m-Xylene & p-Xylene	<0.00403	U F1	0.202	0.09670	F1	mg/Kg		48	70 - 130
o-Xylene	<0.00202	U F1	0.101	0.04872	F1	mg/Kg		48	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	71		70 - 130						
1,4-Difluorobenzene (Surr)	124		70 - 130						

Lab Sample ID: 880-18879-61 MSD

Matrix: Solid

Analysis Batch: 34384

Client Sample ID: CS-61 (4')

Prep Type: Total/NA

Prep Batch: 34216

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U F1	0.0996	0.06314	F1	mg/Kg		63	70 - 130	18	35
Toluene	<0.00202	U F1	0.0996	0.06048	F1	mg/Kg		61	70 - 130	24	35
Ethylbenzene	<0.00202	U F1	0.0996	0.06154	F1	mg/Kg		62	70 - 130	27	35
m-Xylene & p-Xylene	<0.00403	U F1	0.199	0.1263	F1	mg/Kg		63	70 - 130	27	35
o-Xylene	<0.00202	U F1	0.0996	0.06136	F1	mg/Kg		62	70 - 130	23	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-18879-61 MSD

Matrix: Solid

Analysis Batch: 34384

Client Sample ID: CS-61 (4')

Prep Type: Total/NA

Prep Batch: 34216

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	78		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: MB 880-34264/5-A

Matrix: Solid

Analysis Batch: 34441

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 34264

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/12/22 10:19	09/14/22 11:54	1	
Toluene	<0.00200	U	0.00200		mg/Kg		09/12/22 10:19	09/14/22 11:54	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/12/22 10:19	09/14/22 11:54	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/12/22 10:19	09/14/22 11:54	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/12/22 10:19	09/14/22 11:54	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/12/22 10:19	09/14/22 11:54	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac			
4-Bromofluorobenzene (Surr)	99		70 - 130	09/12/22 10:19	09/14/22 11:54	1				
1,4-Difluorobenzene (Surr)	84		70 - 130	09/12/22 10:19	09/14/22 11:54	1				

Lab Sample ID: LCS 880-34264/1-A

Matrix: Solid

Analysis Batch: 34441

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 34264

	Spike	LCS	LCS					%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Benzene	0.100	0.08269		mg/Kg		83	70 - 130			
Toluene	0.100	0.08547		mg/Kg		85	70 - 130			
Ethylbenzene	0.100	0.1039		mg/Kg		104	70 - 130			
m-Xylene & p-Xylene	0.200	0.2233		mg/Kg		112	70 - 130			
o-Xylene	0.100	0.1281		mg/Kg		128	70 - 130			

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-34264/2-A

Matrix: Solid

Analysis Batch: 34441

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 34264

	Spike	LCSD	LCSD					%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.07992		mg/Kg		80	70 - 130	3	35	
Toluene	0.100	0.07910		mg/Kg		79	70 - 130	8	35	
Ethylbenzene	0.100	0.09582		mg/Kg		96	70 - 130	8	35	
m-Xylene & p-Xylene	0.200	0.2050		mg/Kg		103	70 - 130	9	35	
o-Xylene	0.100	0.1181		mg/Kg		118	70 - 130	8	35	

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	143	S1+	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCSD 880-34264/2-A

Matrix: Solid

Analysis Batch: 34441

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 34264

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

Lab Sample ID: 880-18879-81 MS

Matrix: Solid

Analysis Batch: 34441

Client Sample ID: CS-81 (4')

Prep Type: Total/NA

Prep Batch: 34264

	Sample	Sample	Spike	MS	MS			%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	<0.00202	U	0.101	0.08089		mg/Kg		80	70 - 130
Toluene	<0.00202	U	0.101	0.08273		mg/Kg		82	70 - 130
Ethylbenzene	<0.00202	U	0.101	0.09554		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	<0.00404	U	0.202	0.2069		mg/Kg		102	70 - 130
o-Xylene	<0.00202	U	0.101	0.1190		mg/Kg		118	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-18879-81 MSD

Matrix: Solid

Analysis Batch: 34441

Client Sample ID: CS-81 (4')

Prep Type: Total/NA

Prep Batch: 34264

	Sample	Sample	Spike	MSD	MSD			%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00202	U	0.0994	0.08322		mg/Kg		84	70 - 130	3	35
Toluene	<0.00202	U	0.0994	0.08076		mg/Kg		81	70 - 130	2	35
Ethylbenzene	<0.00202	U	0.0994	0.09008		mg/Kg		91	70 - 130	6	35
m-Xylene & p-Xylene	<0.00404	U	0.199	0.1884		mg/Kg		95	70 - 130	9	35
o-Xylene	<0.00202	U	0.0994	0.1082		mg/Kg		109	70 - 130	10	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	126		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: MB 880-34272/5-A

Matrix: Solid

Analysis Batch: 34340

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 34272

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/12/22 10:28	09/13/22 21:47	1	
Toluene	<0.00200	U	0.00200		mg/Kg		09/12/22 10:28	09/13/22 21:47	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/12/22 10:28	09/13/22 21:47	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/12/22 10:28	09/13/22 21:47	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/12/22 10:28	09/13/22 21:47	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/12/22 10:28	09/13/22 21:47	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac			
4-Bromofluorobenzene (Surr)	98		70 - 130	09/12/22 10:28	09/13/22 21:47	1				
1,4-Difluorobenzene (Surr)	85		70 - 130	09/12/22 10:28	09/13/22 21:47	1				

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QC Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-34272/1-A

Matrix: Solid

Analysis Batch: 34340

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 34272

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08116		mg/Kg		81	70 - 130
Toluene	0.100	0.08046		mg/Kg		80	70 - 130
Ethylbenzene	0.100	0.09042		mg/Kg		90	70 - 130
m-Xylene & p-Xylene	0.200	0.1950		mg/Kg		97	70 - 130
o-Xylene	0.100	0.1131		mg/Kg		113	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	127		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: LCSD 880-34272/2-A

Matrix: Solid

Analysis Batch: 34340

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 34272

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.07578		mg/Kg		76	70 - 130	7	35
Toluene	0.100	0.08052		mg/Kg		81	70 - 130	0	35
Ethylbenzene	0.100	0.09275		mg/Kg		93	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2014		mg/Kg		101	70 - 130	3	35
o-Xylene	0.100	0.1170		mg/Kg		117	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	67	S1-	70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-18879-101 MS

Matrix: Solid

Analysis Batch: 34340

Client Sample ID: CS-101 (4')

Prep Type: Total/NA

Prep Batch: 34272

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U F1	0.101	0.05794	F1	mg/Kg		57	70 - 130
Toluene	<0.00201	U F1	0.101	0.05604	F1	mg/Kg		55	70 - 130
Ethylbenzene	<0.00201	U F1	0.101	0.06113	F1	mg/Kg		61	70 - 130
m-Xylene & p-Xylene	<0.00402	U F1	0.202	0.1247	F1	mg/Kg		62	70 - 130
o-Xylene	<0.00201	U	0.101	0.07156		mg/Kg		71	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	123		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 880-18879-101 MSD

Matrix: Solid

Analysis Batch: 34340

Client Sample ID: CS-101 (4')

Prep Type: Total/NA

Prep Batch: 34272

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F1	0.0994	0.05214	F1	mg/Kg		52	70 - 130	11	35
Toluene	<0.00201	U F1	0.0994	0.05106	F1	mg/Kg		51	70 - 130	9	35
Ethylbenzene	<0.00201	U F1	0.0994	0.05988	F1	mg/Kg		60	70 - 130	2	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-18879-101 MSD

Matrix: Solid

Analysis Batch: 34340

Client Sample ID: CS-101 (4')

Prep Type: Total/NA

Prep Batch: 34272

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00402	U F1	0.199	0.1209	F1	mg/Kg		61	70 - 130	3	35
o-Xylene	<0.00201	U	0.0994	0.06976		mg/Kg		70	70 - 130	3	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	127		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: MB 880-34296/5-A

Matrix: Solid

Analysis Batch: 34301

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 34296

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/12/22 13:37	09/12/22 19:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/12/22 13:37	09/12/22 19:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/12/22 13:37	09/12/22 19:47	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/12/22 13:37	09/12/22 19:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/12/22 13:37	09/12/22 19:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/12/22 13:37	09/12/22 19:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	09/12/22 13:37	09/12/22 19:47	1
1,4-Difluorobenzene (Surr)	112		70 - 130	09/12/22 13:37	09/12/22 19:47	1

Lab Sample ID: MB 880-34351/5-A

Matrix: Solid

Analysis Batch: 34340

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 34351

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/13/22 09:09	09/13/22 11:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/13/22 09:09	09/13/22 11:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/13/22 09:09	09/13/22 11:13	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/13/22 09:09	09/13/22 11:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/13/22 09:09	09/13/22 11:13	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/13/22 09:09	09/13/22 11:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	09/13/22 09:09	09/13/22 11:13	1
1,4-Difluorobenzene (Surr)	90		70 - 130	09/13/22 09:09	09/13/22 11:13	1

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

Lab Sample ID: MB 880-33869/1-A

Matrix: Solid

Analysis Batch: 33873

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 33869

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/07/22 08:27	09/07/22 10:19	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

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

Lab Sample ID: MB 880-33869/1-A

Matrix: Solid

Analysis Batch: 33873

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 33869

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/07/22 08:27	09/07/22 10:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/07/22 08:27	09/07/22 10:19	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130				09/07/22 08:27	09/07/22 10:19	1
o-Terphenyl	121		70 - 130				09/07/22 08:27	09/07/22 10:19	1

Lab Sample ID: LCS 880-33869/2-A

Matrix: Solid

Analysis Batch: 33873

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 33869

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	915.6		mg/Kg		92	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	994.5		mg/Kg		99	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	151	S1+	70 - 130						
o-Terphenyl	145	S1+	70 - 130						

Lab Sample ID: LCSD 880-33869/3-A

Matrix: Solid

Analysis Batch: 33873

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 33869

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	873.4		mg/Kg		87	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	971.7		mg/Kg		97	70 - 130	2	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	141	S1+	70 - 130						
o-Terphenyl	136	S1+	70 - 130						

Lab Sample ID: 880-18879-1 MS

Matrix: Solid

Analysis Batch: 33873

Client Sample ID: CS-1 (4')

Prep Type: Total/NA

Prep Batch: 33869

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	723.5		mg/Kg		71	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	999	925.4		mg/Kg		90	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	97		70 - 130								
o-Terphenyl	82		70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-18879-1 MSD

Matrix: Solid

Analysis Batch: 33873

Client Sample ID: CS-1 (4')

Prep Type: Total/NA

Prep Batch: 33869

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	716.1		mg/Kg		70	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	996	955.3		mg/Kg		93	70 - 130	3	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	101		70 - 130								
o-Terphenyl	83		70 - 130								

Lab Sample ID: MB 880-33870/1-A

Matrix: Solid

Analysis Batch: 33875

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 33870

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/07/22 08:28	09/07/22 19:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/07/22 08:28	09/07/22 19:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/07/22 08:28	09/07/22 19:59	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	138	S1+	70 - 130				09/07/22 08:28	09/07/22 19:59	1
o-Terphenyl	128		70 - 130				09/07/22 08:28	09/07/22 19:59	1

Lab Sample ID: LCS 880-33870/2-A

Matrix: Solid

Analysis Batch: 33875

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 33870

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	1010		mg/Kg		101	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	978.9		mg/Kg		98	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	145	S1+	70 - 130						
o-Terphenyl	125		70 - 130						

Lab Sample ID: LCSD 880-33870/3-A

Matrix: Solid

Analysis Batch: 33875

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 33870

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	662.3	*- *1	mg/Kg		66	70 - 130	42	20
Diesel Range Organics (Over C10-C28)	1000	945.6		mg/Kg		95	70 - 130	3	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCSD 880-33870/3-A

Matrix: Solid

Analysis Batch: 33875

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 33870

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	142	S1+	70 - 130
o-Terphenyl	123		70 - 130

Lab Sample ID: 880-18879-21 MS

Matrix: Solid

Analysis Batch: 33875

Client Sample ID: CS-21 (4')

Prep Type: Total/NA

Prep Batch: 33870

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *- *1 F2	999	1108		mg/Kg		111	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U	999	1162		mg/Kg		116	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	126		70 - 130							
o-Terphenyl	96		70 - 130							

Lab Sample ID: 880-18879-21 MSD

Matrix: Solid

Analysis Batch: 33875

Client Sample ID: CS-21 (4')

Prep Type: Total/NA

Prep Batch: 33870

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *- *1 F2	996	856.7	F2	mg/Kg		86	70 - 130	26	20	
Diesel Range Organics (Over C10-C28)	<50.0	U	996	961.3		mg/Kg		97	70 - 130	19	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	91		70 - 130									
o-Terphenyl	82		70 - 130									

Lab Sample ID: MB 880-33934/1-A

Matrix: Solid

Analysis Batch: 33873

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 33934

	MB	MB									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/07/22 14:59	09/07/22 19:59	1		
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/07/22 14:59	09/07/22 19:59	1		
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/07/22 14:59	09/07/22 19:59	1		
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac		
1-Chlorooctane	134	S1+	70 - 130				09/07/22 14:59	09/07/22 19:59	1		
o-Terphenyl	129		70 - 130				09/07/22 14:59	09/07/22 19:59	1		

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QC Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-33934/2-A

Matrix: Solid

Analysis Batch: 33873

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 33934

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec		
			Added	Result	Qualifier			Limits			
Gasoline Range Organics (GRO)-C6-C10			1000	904.4		mg/Kg		90	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	949.2		mg/Kg		95	70 - 130		

Lab Sample ID: LCSD 880-33934/3-A

Matrix: Solid

Analysis Batch: 33873

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 33934

			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	886.5		mg/Kg		89	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	968.6		mg/Kg		97	70 - 130	2	20
			LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	143	S1+	70 - 130								
o-Terphenyl	132	S1+	70 - 130								

Lab Sample ID: 880-18879-41 MS

Matrix: Solid

Analysis Batch: 33873

Client Sample ID: CS-41 (4')

Prep Type: Total/NA

Prep Batch: 33934

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	999	690.0	F1	mg/Kg		66	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	999	935.7		mg/Kg		94	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	100		70 - 130								
o-Terphenyl	83		70 - 130								

Lab Sample ID: 880-18879-41 MSD

Matrix: Solid

Analysis Batch: 33873

Client Sample ID: CS-41 (4')

Prep Type: Total/NA

Prep Batch: 33934

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	996	679.4	F1	mg/Kg		65	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U	996	952.7		mg/Kg		96	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	102		70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-18879-41 MSD

Matrix: Solid

Analysis Batch: 33873

Client Sample ID: CS-41 (4')

Prep Type: Total/NA

Prep Batch: 33934

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	84		70 - 130

Lab Sample ID: MB 880-33953/1-A

Matrix: Solid

Analysis Batch: 33879

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 33953

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/07/22 16:44	09/07/22 20:12	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/07/22 16:44	09/07/22 20:12	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/07/22 16:44	09/07/22 20:12	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane	112		70 - 130				09/07/22 16:44	09/07/22 20:12	1	
<i>o</i> -Terphenyl	121		70 - 130				09/07/22 16:44	09/07/22 20:12	1	

Lab Sample ID: LCS 880-33953/2-A

Matrix: Solid

Analysis Batch: 33879

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 33953

		Spike	LCS	LCS				%Rec		
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10		1000	967.6		mg/Kg		97	70 - 130		
Diesel Range Organics (Over C10-C28)		1000	965.2		mg/Kg		97	70 - 130		
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	100		70 - 130							
<i>o</i> -Terphenyl	112		70 - 130							

Lab Sample ID: LCSD 880-33953/3-A

Matrix: Solid

Analysis Batch: 33879

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 33953

			Spike	LCSD	LCSD				%Rec			RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10			1000	921.9		mg/Kg		92	70 - 130	5	20	
Diesel Range Organics (Over C10-C28)			1000	942.2		mg/Kg		94	70 - 130	2	20	
			LCSD	LCSD								
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	91		70 - 130									
o-Terphenyl	107		70 - 130									

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QC Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-18879-61 MS

Matrix: Solid

Analysis Batch: 33879

Client Sample ID: CS-61 (4')

Prep Type: Total/NA

Prep Batch: 33953

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F2	999	788.1		mg/Kg		76	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	999	772.8		mg/Kg		77	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	77		70 - 130						
o-Terphenyl	76		70 - 130						

Lab Sample ID: 880-18879-61 MSD

Matrix: Solid

Analysis Batch: 33879

Client Sample ID: CS-61 (4')

Prep Type: Total/NA

Prep Batch: 33953

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F2	996	969.2	F2	mg/Kg		95	70 - 130	21	20
Diesel Range Organics (Over C10-C28)	<50.0	U	996	802.2		mg/Kg		81	70 - 130	4	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	85		70 - 130								
o-Terphenyl	79		70 - 130								

Lab Sample ID: MB 880-33978/1-A

Matrix: Solid

Analysis Batch: 33968

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 33978

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/08/22 08:42	09/08/22 09:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/08/22 08:42	09/08/22 09:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/08/22 08:42	09/08/22 09:42	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				09/08/22 08:42	09/08/22 09:42	1
o-Terphenyl	101		70 - 130				09/08/22 08:42	09/08/22 09:42	1

Lab Sample ID: LCS 880-33978/2-A

Matrix: Solid

Analysis Batch: 33968

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 33978

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	991.0		mg/Kg		99	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1002		mg/Kg		100	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-33978/2-A

Matrix: Solid

Analysis Batch: 33968

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 33978

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	153	S1+	70 - 130
o-Terphenyl	129		70 - 130

Lab Sample ID: LCSD 880-33978/3-A

Matrix: Solid

Analysis Batch: 33968

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 33978

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	803.9	*1	mg/Kg		80	70 - 130	21	20
Diesel Range Organics (Over C10-C28)	1000	862.9		mg/Kg		86	70 - 130	15	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	125		70 - 130
o-Terphenyl	113		70 - 130

Lab Sample ID: 880-18879-81 MS

Matrix: Solid

Analysis Batch: 33968

Client Sample ID: CS-81 (4')

Prep Type: Total/NA

Prep Batch: 33978

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1 F2	999	1145		mg/Kg		115	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	999	1218		mg/Kg		120	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	96		70 - 130

Lab Sample ID: 880-18879-81 MSD

Matrix: Solid

Analysis Batch: 33968

Client Sample ID: CS-81 (4')

Prep Type: Total/NA

Prep Batch: 33978

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1 F2	996	894.4	F2	mg/Kg		90	70 - 130	25	20
Diesel Range Organics (Over C10-C28)	<50.0	U	996	1009		mg/Kg		99	70 - 130	19	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	87		70 - 130
o-Terphenyl	80		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

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

Lab Sample ID: MB 880-33979/1-A

Matrix: Solid

Analysis Batch: 33970

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 33979

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/08/22 08:45	09/08/22 09:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/08/22 08:45	09/08/22 09:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/08/22 08:45	09/08/22 09:42	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				09/08/22 08:45	09/08/22 09:42	1
o-Terphenyl	100		70 - 130				09/08/22 08:45	09/08/22 09:42	1

Lab Sample ID: LCS 880-33979/2-A

Matrix: Solid

Analysis Batch: 33970

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 33979

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	907.0		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1076		mg/Kg		108	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	162	S1+	70 - 130				
o-Terphenyl	156	S1+	70 - 130				

Lab Sample ID: LCSD 880-33979/3-A

Matrix: Solid

Analysis Batch: 33970

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 33979

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	869.4		mg/Kg		87	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	989.2		mg/Kg		99	70 - 130	8	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	140	S1+	70 - 130						
o-Terphenyl	137	S1+	70 - 130						

Lab Sample ID: 880-18878-A-1-G MS

Matrix: Solid

Analysis Batch: 33970

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 33979

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	778.4		mg/Kg		75	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	999	1112		mg/Kg		109	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-18878-A-1-G MS

Matrix: Solid

Analysis Batch: 33970

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 33979

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	104		70 - 130
o-Terphenyl	89		70 - 130

Lab Sample ID: 880-18878-A-1-H MSD

Matrix: Solid

Analysis Batch: 33970

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 33979

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	739.8		mg/Kg		72	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<50.0	U	996	1068		mg/Kg		105	70 - 130	4	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	99		70 - 130
o-Terphenyl	86		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-33918/1-A

Matrix: Solid

Analysis Batch: 33940

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/08/22 07:13	1

Lab Sample ID: LCS 880-33918/2-A

Matrix: Solid

Analysis Batch: 33940

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	267.3		mg/Kg		107	90 - 110

Lab Sample ID: LCSD 880-33918/3-A

Matrix: Solid

Analysis Batch: 33940

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	247.5		mg/Kg		99	90 - 110	8	20

Lab Sample ID: 880-18879-106 MS

Matrix: Solid

Analysis Batch: 33940

Client Sample ID: SW-5 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	12.0		250	257.1		mg/Kg		98	90 - 110

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QC Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-18879-106 MSD

Matrix: Solid

Analysis Batch: 33940

Client Sample ID: SW-5 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	12.0		250	258.1		mg/Kg		98	90 - 110	0	20

Lab Sample ID: MB 880-33911/1-A

Matrix: Solid

Analysis Batch: 34012

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/08/22 19:43	1

Lab Sample ID: LCS 880-33911/2-A

Matrix: Solid

Analysis Batch: 34012

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	250.5		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-33911/3-A

Matrix: Solid

Analysis Batch: 34012

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	240.5		mg/Kg		96	90 - 110	4	20

Lab Sample ID: 880-18879-21 MS

Matrix: Solid

Analysis Batch: 34012

Client Sample ID: CS-21 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	46.1		250	286.3		mg/Kg		96	90 - 110

Lab Sample ID: 880-18879-21 MSD

Matrix: Solid

Analysis Batch: 34012

Client Sample ID: CS-21 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	46.1		250	292.0		mg/Kg		99	90 - 110	2	20

Lab Sample ID: 880-18879-31 MS

Matrix: Solid

Analysis Batch: 34012

Client Sample ID: CS-31 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	12.0		250	261.3		mg/Kg		100	90 - 110

Lab Sample ID: 880-18879-31 MSD

Matrix: Solid

Analysis Batch: 34012

Client Sample ID: CS-31 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	12.0		250	252.9		mg/Kg		96	90 - 110	3	20

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-33912/1-A

Matrix: Solid

Analysis Batch: 34013

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/09/22 01:06	1

Lab Sample ID: LCS 880-33912/2-A

Matrix: Solid

Analysis Batch: 34013

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	244.0		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-33912/3-A

Matrix: Solid

Analysis Batch: 34013

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	243.9		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-18879-41 MS

Matrix: Solid

Analysis Batch: 34013

Client Sample ID: CS-41 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	44.0		250	279.5		mg/Kg		94	90 - 110

Lab Sample ID: 880-18879-41 MSD

Matrix: Solid

Analysis Batch: 34013

Client Sample ID: CS-41 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	44.0		250	284.8		mg/Kg		97	90 - 110	2	20

Lab Sample ID: 880-18879-51 MS

Matrix: Solid

Analysis Batch: 34013

Client Sample ID: CS-51 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	132		250	373.1		mg/Kg		96	90 - 110

Lab Sample ID: 880-18879-51 MSD

Matrix: Solid

Analysis Batch: 34013

Client Sample ID: CS-51 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	132		250	374.7		mg/Kg		97	90 - 110	0	20

Lab Sample ID: MB 880-33913/1-A

Matrix: Solid

Analysis Batch: 34015

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/09/22 09:17	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-33913/2-A

Matrix: Solid

Analysis Batch: 34015

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	249.7		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-33913/3-A

Matrix: Solid

Analysis Batch: 34015

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	250.7		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 880-18879-61 MS

Matrix: Solid

Analysis Batch: 34015

Client Sample ID: CS-61 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	68.7		250	316.9		mg/Kg		100	90 - 110

Lab Sample ID: 880-18879-61 MSD

Matrix: Solid

Analysis Batch: 34015

Client Sample ID: CS-61 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	68.7		250	318.0		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 880-18879-71 MS

Matrix: Solid

Analysis Batch: 34015

Client Sample ID: CS-71 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	9.76		249	257.8		mg/Kg		100	90 - 110

Lab Sample ID: 880-18879-71 MSD

Matrix: Solid

Analysis Batch: 34015

Client Sample ID: CS-71 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	9.76		249	257.7		mg/Kg		100	90 - 110	0	20

Lab Sample ID: MB 880-33914/1-A

Matrix: Solid

Analysis Batch: 34016

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/08/22 18:24	1

Lab Sample ID: LCS 880-33914/2-A

Matrix: Solid

Analysis Batch: 34016

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	242.8		mg/Kg		97	90 - 110

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-33914/3-A

Matrix: Solid

Analysis Batch: 34016

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	242.8		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-18879-81 MS

Matrix: Solid

Analysis Batch: 34016

Client Sample ID: CS-81 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	34.5		251	277.6		mg/Kg		97	90 - 110		

Lab Sample ID: 880-18879-81 MSD

Matrix: Solid

Analysis Batch: 34016

Client Sample ID: CS-81 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	34.5		251	275.3		mg/Kg		96	90 - 110	1	20

Lab Sample ID: 880-18879-91 MS

Matrix: Solid

Analysis Batch: 34016

Client Sample ID: CS-91 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	13.8		251	242.2		mg/Kg		91	90 - 110		

Lab Sample ID: 880-18879-91 MSD

Matrix: Solid

Analysis Batch: 34016

Client Sample ID: CS-91 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	13.8		251	242.4		mg/Kg		91	90 - 110	0	20

Lab Sample ID: MB 880-33907/1-A

Matrix: Solid

Analysis Batch: 34018

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/08/22 23:55	1

Lab Sample ID: LCS 880-33907/2-A

Matrix: Solid

Analysis Batch: 34018

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	239.8		mg/Kg		96	90 - 110		

Lab Sample ID: LCSD 880-33907/3-A

Matrix: Solid

Analysis Batch: 34018

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	240.4		mg/Kg		96	90 - 110	0	20

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-18879-1 MS

Matrix: Solid

Analysis Batch: 34018

Client Sample ID: CS-1 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	49.2		251	286.6		mg/Kg		95	90 - 110		

Lab Sample ID: 880-18879-1 MSD

Matrix: Solid

Analysis Batch: 34018

Client Sample ID: CS-1 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	49.2		251	286.5		mg/Kg		95	90 - 110	0	20

Lab Sample ID: 880-18879-11 MS

Matrix: Solid

Analysis Batch: 34018

Client Sample ID: CS-11 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	9.25		251	248.0		mg/Kg		95	90 - 110		

Lab Sample ID: 880-18879-11 MSD

Matrix: Solid

Analysis Batch: 34018

Client Sample ID: CS-11 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	9.25		251	247.2		mg/Kg		95	90 - 110	0	20

QC Association Summary

Client: Carmona Resources

Job ID: 880-18879-1

Project/Site: Silverback Federal B2 Tank Battery

SDG: Eddy Co, NM

GC VOA

Analysis Batch: 34174

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-1	CS-1 (4')	Total/NA	Solid	8021B	34187
880-18879-2	CS-2 (4')	Total/NA	Solid	8021B	34187
880-18879-3	CS-3 (4')	Total/NA	Solid	8021B	34187
880-18879-4	CS-4 (4')	Total/NA	Solid	8021B	34187
880-18879-5	CS-5 (4')	Total/NA	Solid	8021B	34187
880-18879-6	CS-6 (4')	Total/NA	Solid	8021B	34187
880-18879-7	CS-7 (4')	Total/NA	Solid	8021B	34187
880-18879-8	CS-8 (4')	Total/NA	Solid	8021B	34187
880-18879-9	CS-9 (4')	Total/NA	Solid	8021B	34187
880-18879-10	CS-10 (4')	Total/NA	Solid	8021B	34187
880-18879-11	CS-11 (4')	Total/NA	Solid	8021B	34187
880-18879-12	CS-12 (4')	Total/NA	Solid	8021B	34187
880-18879-13	CS-13 (4')	Total/NA	Solid	8021B	34187
880-18879-14	CS-14 (4')	Total/NA	Solid	8021B	34187
880-18879-15	CS-15 (4')	Total/NA	Solid	8021B	34187
880-18879-16	CS-16 (4')	Total/NA	Solid	8021B	34187
880-18879-17	CS-17 (4')	Total/NA	Solid	8021B	34187
880-18879-18	CS-18 (4')	Total/NA	Solid	8021B	34187
880-18879-19	CS-19 (4')	Total/NA	Solid	8021B	34187
880-18879-20	CS-20 (4')	Total/NA	Solid	8021B	34187
880-18879-21	CS-21 (4')	Total/NA	Solid	8021B	34188
880-18879-22	CS-22 (4')	Total/NA	Solid	8021B	34188
880-18879-23	CS-23 (4')	Total/NA	Solid	8021B	34188
880-18879-24	CS-24 (4')	Total/NA	Solid	8021B	34188
880-18879-25	CS-25 (4')	Total/NA	Solid	8021B	34188
880-18879-26	CS-26 (4')	Total/NA	Solid	8021B	34188
880-18879-27	CS-27 (4')	Total/NA	Solid	8021B	34188
880-18879-28	CS-28 (4')	Total/NA	Solid	8021B	34188
880-18879-29	CS-29 (4')	Total/NA	Solid	8021B	34188
880-18879-30	CS-30 (4')	Total/NA	Solid	8021B	34188
880-18879-31	CS-31 (4')	Total/NA	Solid	8021B	34188
880-18879-32	CS-32 (4')	Total/NA	Solid	8021B	34188
880-18879-33	CS-33 (4')	Total/NA	Solid	8021B	34188
880-18879-34	CS-34 (4')	Total/NA	Solid	8021B	34188
880-18879-35	CS-35 (4')	Total/NA	Solid	8021B	34188
880-18879-36	CS-36 (4')	Total/NA	Solid	8021B	34188
880-18879-37	CS-37 (4')	Total/NA	Solid	8021B	34188
880-18879-38	CS-38 (4')	Total/NA	Solid	8021B	34188
880-18879-39	CS-39 (4')	Total/NA	Solid	8021B	34188
880-18879-40	CS-40 (4')	Total/NA	Solid	8021B	34188
MB 880-34187/5-A	Method Blank	Total/NA	Solid	8021B	34187
MB 880-34188/5-A	Method Blank	Total/NA	Solid	8021B	34188
LCS 880-34187/1-A	Lab Control Sample	Total/NA	Solid	8021B	34187
LCS 880-34188/1-A	Lab Control Sample	Total/NA	Solid	8021B	34188
LCSD 880-34187/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	34187
LCSD 880-34188/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	34188
880-18879-1 MS	CS-1 (4')	Total/NA	Solid	8021B	34187
880-18879-1 MSD	CS-1 (4')	Total/NA	Solid	8021B	34187
880-18879-21 MS	CS-21 (4')	Total/NA	Solid	8021B	34188
880-18879-21 MSD	CS-21 (4')	Total/NA	Solid	8021B	34188

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

GC VOA

Prep Batch: 34178

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-91	CS-91 (4')	Total/NA	Solid	5035	
880-18879-92	CS-92 (4')	Total/NA	Solid	5035	
880-18879-93	CS-93 (4')	Total/NA	Solid	5035	
880-18879-94	CS-94 (4')	Total/NA	Solid	5035	
880-18879-95	CS-95 (4')	Total/NA	Solid	5035	
880-18879-96	CS-96 (4')	Total/NA	Solid	5035	
880-18879-97	CS-97 (4')	Total/NA	Solid	5035	
880-18879-98	CS-98 (4')	Total/NA	Solid	5035	
880-18879-99	CS-99 (4')	Total/NA	Solid	5035	
880-18879-100	CS-100 (4')	Total/NA	Solid	5035	
MB 880-34178/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-34178/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-34178/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 34187

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-1	CS-1 (4')	Total/NA	Solid	5035	
880-18879-2	CS-2 (4')	Total/NA	Solid	5035	
880-18879-3	CS-3 (4')	Total/NA	Solid	5035	
880-18879-4	CS-4 (4')	Total/NA	Solid	5035	
880-18879-5	CS-5 (4')	Total/NA	Solid	5035	
880-18879-6	CS-6 (4')	Total/NA	Solid	5035	
880-18879-7	CS-7 (4')	Total/NA	Solid	5035	
880-18879-8	CS-8 (4')	Total/NA	Solid	5035	
880-18879-9	CS-9 (4')	Total/NA	Solid	5035	
880-18879-10	CS-10 (4')	Total/NA	Solid	5035	
880-18879-11	CS-11 (4')	Total/NA	Solid	5035	
880-18879-12	CS-12 (4')	Total/NA	Solid	5035	
880-18879-13	CS-13 (4')	Total/NA	Solid	5035	
880-18879-14	CS-14 (4')	Total/NA	Solid	5035	
880-18879-15	CS-15 (4')	Total/NA	Solid	5035	
880-18879-16	CS-16 (4')	Total/NA	Solid	5035	
880-18879-17	CS-17 (4')	Total/NA	Solid	5035	
880-18879-18	CS-18 (4')	Total/NA	Solid	5035	
880-18879-19	CS-19 (4')	Total/NA	Solid	5035	
880-18879-20	CS-20 (4')	Total/NA	Solid	5035	
MB 880-34187/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-34187/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-34187/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-18879-1 MS	CS-1 (4')	Total/NA	Solid	5035	
880-18879-1 MSD	CS-1 (4')	Total/NA	Solid	5035	

Prep Batch: 34188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-21	CS-21 (4')	Total/NA	Solid	5035	
880-18879-22	CS-22 (4')	Total/NA	Solid	5035	
880-18879-23	CS-23 (4')	Total/NA	Solid	5035	
880-18879-24	CS-24 (4')	Total/NA	Solid	5035	
880-18879-25	CS-25 (4')	Total/NA	Solid	5035	
880-18879-26	CS-26 (4')	Total/NA	Solid	5035	
880-18879-27	CS-27 (4')	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

GC VOA (Continued)

Prep Batch: 34188 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-28	CS-28 (4')	Total/NA	Solid	5035	
880-18879-29	CS-29 (4')	Total/NA	Solid	5035	
880-18879-30	CS-30 (4')	Total/NA	Solid	5035	
880-18879-31	CS-31 (4')	Total/NA	Solid	5035	
880-18879-32	CS-32 (4')	Total/NA	Solid	5035	
880-18879-33	CS-33 (4')	Total/NA	Solid	5035	
880-18879-34	CS-34 (4')	Total/NA	Solid	5035	
880-18879-35	CS-35 (4')	Total/NA	Solid	5035	
880-18879-36	CS-36 (4')	Total/NA	Solid	5035	
880-18879-37	CS-37 (4')	Total/NA	Solid	5035	
880-18879-38	CS-38 (4')	Total/NA	Solid	5035	
880-18879-39	CS-39 (4')	Total/NA	Solid	5035	
880-18879-40	CS-40 (4')	Total/NA	Solid	5035	
MB 880-34188/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-34188/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-34188/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-18879-21 MS	CS-21 (4')	Total/NA	Solid	5035	
880-18879-21 MSD	CS-21 (4')	Total/NA	Solid	5035	

Prep Batch: 34195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-41	CS-41 (4')	Total/NA	Solid	5035	
880-18879-42	CS-42 (4')	Total/NA	Solid	5035	
880-18879-43	CS-43 (4')	Total/NA	Solid	5035	
880-18879-44	CS-44 (4')	Total/NA	Solid	5035	
880-18879-45	CS-45 (4')	Total/NA	Solid	5035	
880-18879-46	CS-46 (4')	Total/NA	Solid	5035	
880-18879-47	CS-47 (4')	Total/NA	Solid	5035	
880-18879-48	CS-48 (4')	Total/NA	Solid	5035	
880-18879-49	CS-49 (4')	Total/NA	Solid	5035	
880-18879-50	CS-50 (4')	Total/NA	Solid	5035	
880-18879-51	CS-51 (4')	Total/NA	Solid	5035	
880-18879-52	CS-52 (4')	Total/NA	Solid	5035	
880-18879-53	CS-53 (4')	Total/NA	Solid	5035	
880-18879-54	CS-54 (4')	Total/NA	Solid	5035	
880-18879-55	CS-55 (4')	Total/NA	Solid	5035	
880-18879-56	CS-56 (4')	Total/NA	Solid	5035	
880-18879-57	CS-57 (4')	Total/NA	Solid	5035	
880-18879-58	CS-58 (4')	Total/NA	Solid	5035	
880-18879-59	CS-59 (4')	Total/NA	Solid	5035	
880-18879-60	CS-60 (4')	Total/NA	Solid	5035	
MB 880-34195/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-34195/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-34195/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-18879-41 MS	CS-41 (4')	Total/NA	Solid	5035	
880-18879-41 MSD	CS-41 (4')	Total/NA	Solid	5035	

Prep Batch: 34216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-61	CS-61 (4')	Total/NA	Solid	5035	
880-18879-62	CS-62 (4')	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-18879-1

Project/Site: Silverback Federal B2 Tank Battery

SDG: Eddy Co, NM

GC VOA (Continued)

Prep Batch: 34216 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-63	CS-63 (4')	Total/NA	Solid	5035	
880-18879-64	CS-64 (4')	Total/NA	Solid	5035	
880-18879-65	CS-65 (4')	Total/NA	Solid	5035	
880-18879-66	CS-66 (4')	Total/NA	Solid	5035	
880-18879-67	CS-67 (4')	Total/NA	Solid	5035	
880-18879-68	CS-68 (4')	Total/NA	Solid	5035	
880-18879-69	CS-69 (4')	Total/NA	Solid	5035	
880-18879-70	CS-70 (4')	Total/NA	Solid	5035	
880-18879-71	CS-71 (4')	Total/NA	Solid	5035	
880-18879-72	CS-72 (4')	Total/NA	Solid	5035	
880-18879-73	CS-73 (4')	Total/NA	Solid	5035	
880-18879-74	CS-74 (4')	Total/NA	Solid	5035	
880-18879-75	CS-75 (4')	Total/NA	Solid	5035	
880-18879-76	CS-76 (4')	Total/NA	Solid	5035	
880-18879-77	CS-77 (4')	Total/NA	Solid	5035	
880-18879-78	CS-78 (4')	Total/NA	Solid	5035	
880-18879-79	CS-79 (4')	Total/NA	Solid	5035	
880-18879-80	CS-80 (4')	Total/NA	Solid	5035	
MB 880-34216/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-34216/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-34216/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-18879-61 MS	CS-61 (4')	Total/NA	Solid	5035	
880-18879-61 MSD	CS-61 (4')	Total/NA	Solid	5035	

Prep Batch: 34264

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-81	CS-81 (4')	Total/NA	Solid	5035	
880-18879-82	CS-82 (4')	Total/NA	Solid	5035	
880-18879-83	CS-83 (4')	Total/NA	Solid	5035	
880-18879-84	CS-84 (4')	Total/NA	Solid	5035	
880-18879-85	CS-85 (4')	Total/NA	Solid	5035	
880-18879-86	CS-86 (4')	Total/NA	Solid	5035	
880-18879-87	CS-87 (4')	Total/NA	Solid	5035	
880-18879-88	CS-88 (4')	Total/NA	Solid	5035	
880-18879-89	CS-89 (4')	Total/NA	Solid	5035	
880-18879-90	CS-90 (4')	Total/NA	Solid	5035	
MB 880-34264/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-34264/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-34264/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-18879-81 MS	CS-81 (4')	Total/NA	Solid	5035	
880-18879-81 MSD	CS-81 (4')	Total/NA	Solid	5035	

Prep Batch: 34272

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-101	CS-101 (4')	Total/NA	Solid	5035	
880-18879-102	SW-1 (4')	Total/NA	Solid	5035	
880-18879-103	SW-2 (4')	Total/NA	Solid	5035	
880-18879-104	SW-3 (4')	Total/NA	Solid	5035	
880-18879-105	SW-4 (4')	Total/NA	Solid	5035	
880-18879-106	SW-5 (4')	Total/NA	Solid	5035	
880-18879-107	SW-6 (4')	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

GC VOA (Continued)

Prep Batch: 34272 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-108	SW-7 (4')	Total/NA	Solid	5035	
880-18879-109	SW-8 (4')	Total/NA	Solid	5035	
880-18879-110	SW-9 (4')	Total/NA	Solid	5035	
880-18879-111	SW-10 (4')	Total/NA	Solid	5035	
880-18879-112	SW-11 (4')	Total/NA	Solid	5035	
880-18879-113	SW-12 (4')	Total/NA	Solid	5035	
MB 880-34272/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-34272/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-34272/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-18879-101 MS	CS-101 (4')	Total/NA	Solid	5035	
880-18879-101 MSD	CS-101 (4')	Total/NA	Solid	5035	

Prep Batch: 34296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-34296/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 34301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-41	CS-41 (4')	Total/NA	Solid	8021B	34195
880-18879-42	CS-42 (4')	Total/NA	Solid	8021B	34195
880-18879-43	CS-43 (4')	Total/NA	Solid	8021B	34195
880-18879-44	CS-44 (4')	Total/NA	Solid	8021B	34195
880-18879-45	CS-45 (4')	Total/NA	Solid	8021B	34195
880-18879-46	CS-46 (4')	Total/NA	Solid	8021B	34195
880-18879-47	CS-47 (4')	Total/NA	Solid	8021B	34195
880-18879-48	CS-48 (4')	Total/NA	Solid	8021B	34195
880-18879-49	CS-49 (4')	Total/NA	Solid	8021B	34195
880-18879-50	CS-50 (4')	Total/NA	Solid	8021B	34195
880-18879-51	CS-51 (4')	Total/NA	Solid	8021B	34195
880-18879-52	CS-52 (4')	Total/NA	Solid	8021B	34195
880-18879-53	CS-53 (4')	Total/NA	Solid	8021B	34195
880-18879-54	CS-54 (4')	Total/NA	Solid	8021B	34195
880-18879-55	CS-55 (4')	Total/NA	Solid	8021B	34195
880-18879-56	CS-56 (4')	Total/NA	Solid	8021B	34195
880-18879-57	CS-57 (4')	Total/NA	Solid	8021B	34195
880-18879-58	CS-58 (4')	Total/NA	Solid	8021B	34195
880-18879-59	CS-59 (4')	Total/NA	Solid	8021B	34195
880-18879-60	CS-60 (4')	Total/NA	Solid	8021B	34195
MB 880-34195/5-A	Method Blank	Total/NA	Solid	8021B	34195
MB 880-34296/5-A	Method Blank	Total/NA	Solid	8021B	34296
LCS 880-34195/1-A	Lab Control Sample	Total/NA	Solid	8021B	34195
LCSD 880-34195/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	34195
880-18879-41 MS	CS-41 (4')	Total/NA	Solid	8021B	34195
880-18879-41 MSD	CS-41 (4')	Total/NA	Solid	8021B	34195

Analysis Batch: 34313

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-1	CS-1 (4')	Total/NA	Solid	Total BTEX	
880-18879-2	CS-2 (4')	Total/NA	Solid	Total BTEX	
880-18879-3	CS-3 (4')	Total/NA	Solid	Total BTEX	
880-18879-4	CS-4 (4')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-18879-1

Project/Site: Silverback Federal B2 Tank Battery

SDG: Eddy Co, NM

GC VOA (Continued)

Analysis Batch: 34313 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-5	CS-5 (4')	Total/NA	Solid	Total BTEX	
880-18879-6	CS-6 (4')	Total/NA	Solid	Total BTEX	
880-18879-7	CS-7 (4')	Total/NA	Solid	Total BTEX	
880-18879-8	CS-8 (4')	Total/NA	Solid	Total BTEX	
880-18879-9	CS-9 (4')	Total/NA	Solid	Total BTEX	
880-18879-10	CS-10 (4')	Total/NA	Solid	Total BTEX	
880-18879-11	CS-11 (4')	Total/NA	Solid	Total BTEX	
880-18879-12	CS-12 (4')	Total/NA	Solid	Total BTEX	
880-18879-13	CS-13 (4')	Total/NA	Solid	Total BTEX	
880-18879-14	CS-14 (4')	Total/NA	Solid	Total BTEX	
880-18879-15	CS-15 (4')	Total/NA	Solid	Total BTEX	
880-18879-16	CS-16 (4')	Total/NA	Solid	Total BTEX	
880-18879-17	CS-17 (4')	Total/NA	Solid	Total BTEX	
880-18879-18	CS-18 (4')	Total/NA	Solid	Total BTEX	
880-18879-19	CS-19 (4')	Total/NA	Solid	Total BTEX	
880-18879-20	CS-20 (4')	Total/NA	Solid	Total BTEX	
880-18879-21	CS-21 (4')	Total/NA	Solid	Total BTEX	
880-18879-22	CS-22 (4')	Total/NA	Solid	Total BTEX	
880-18879-23	CS-23 (4')	Total/NA	Solid	Total BTEX	
880-18879-24	CS-24 (4')	Total/NA	Solid	Total BTEX	
880-18879-25	CS-25 (4')	Total/NA	Solid	Total BTEX	
880-18879-26	CS-26 (4')	Total/NA	Solid	Total BTEX	
880-18879-27	CS-27 (4')	Total/NA	Solid	Total BTEX	
880-18879-28	CS-28 (4')	Total/NA	Solid	Total BTEX	
880-18879-29	CS-29 (4')	Total/NA	Solid	Total BTEX	
880-18879-30	CS-30 (4')	Total/NA	Solid	Total BTEX	
880-18879-31	CS-31 (4')	Total/NA	Solid	Total BTEX	
880-18879-32	CS-32 (4')	Total/NA	Solid	Total BTEX	
880-18879-33	CS-33 (4')	Total/NA	Solid	Total BTEX	
880-18879-34	CS-34 (4')	Total/NA	Solid	Total BTEX	
880-18879-35	CS-35 (4')	Total/NA	Solid	Total BTEX	
880-18879-36	CS-36 (4')	Total/NA	Solid	Total BTEX	
880-18879-37	CS-37 (4')	Total/NA	Solid	Total BTEX	
880-18879-38	CS-38 (4')	Total/NA	Solid	Total BTEX	
880-18879-39	CS-39 (4')	Total/NA	Solid	Total BTEX	
880-18879-40	CS-40 (4')	Total/NA	Solid	Total BTEX	
880-18879-41	CS-41 (4')	Total/NA	Solid	Total BTEX	
880-18879-42	CS-42 (4')	Total/NA	Solid	Total BTEX	
880-18879-43	CS-43 (4')	Total/NA	Solid	Total BTEX	
880-18879-44	CS-44 (4')	Total/NA	Solid	Total BTEX	
880-18879-45	CS-45 (4')	Total/NA	Solid	Total BTEX	
880-18879-46	CS-46 (4')	Total/NA	Solid	Total BTEX	
880-18879-47	CS-47 (4')	Total/NA	Solid	Total BTEX	
880-18879-48	CS-48 (4')	Total/NA	Solid	Total BTEX	
880-18879-49	CS-49 (4')	Total/NA	Solid	Total BTEX	
880-18879-50	CS-50 (4')	Total/NA	Solid	Total BTEX	
880-18879-51	CS-51 (4')	Total/NA	Solid	Total BTEX	
880-18879-52	CS-52 (4')	Total/NA	Solid	Total BTEX	
880-18879-53	CS-53 (4')	Total/NA	Solid	Total BTEX	
880-18879-54	CS-54 (4')	Total/NA	Solid	Total BTEX	
880-18879-55	CS-55 (4')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-18879-1

Project/Site: Silverback Federal B2 Tank Battery

SDG: Eddy Co, NM

GC VOA (Continued)

Analysis Batch: 34313 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-56	CS-56 (4')	Total/NA	Solid	Total BTEX	
880-18879-57	CS-57 (4')	Total/NA	Solid	Total BTEX	
880-18879-58	CS-58 (4')	Total/NA	Solid	Total BTEX	
880-18879-59	CS-59 (4')	Total/NA	Solid	Total BTEX	
880-18879-60	CS-60 (4')	Total/NA	Solid	Total BTEX	
880-18879-61	CS-61 (4')	Total/NA	Solid	Total BTEX	
880-18879-62	CS-62 (4')	Total/NA	Solid	Total BTEX	
880-18879-63	CS-63 (4')	Total/NA	Solid	Total BTEX	
880-18879-64	CS-64 (4')	Total/NA	Solid	Total BTEX	
880-18879-65	CS-65 (4')	Total/NA	Solid	Total BTEX	
880-18879-66	CS-66 (4')	Total/NA	Solid	Total BTEX	
880-18879-67	CS-67 (4')	Total/NA	Solid	Total BTEX	
880-18879-68	CS-68 (4')	Total/NA	Solid	Total BTEX	
880-18879-69	CS-69 (4')	Total/NA	Solid	Total BTEX	
880-18879-70	CS-70 (4')	Total/NA	Solid	Total BTEX	
880-18879-71	CS-71 (4')	Total/NA	Solid	Total BTEX	
880-18879-72	CS-72 (4')	Total/NA	Solid	Total BTEX	
880-18879-73	CS-73 (4')	Total/NA	Solid	Total BTEX	
880-18879-74	CS-74 (4')	Total/NA	Solid	Total BTEX	
880-18879-75	CS-75 (4')	Total/NA	Solid	Total BTEX	
880-18879-76	CS-76 (4')	Total/NA	Solid	Total BTEX	
880-18879-77	CS-77 (4')	Total/NA	Solid	Total BTEX	
880-18879-78	CS-78 (4')	Total/NA	Solid	Total BTEX	
880-18879-79	CS-79 (4')	Total/NA	Solid	Total BTEX	
880-18879-80	CS-80 (4')	Total/NA	Solid	Total BTEX	
880-18879-81	CS-81 (4')	Total/NA	Solid	Total BTEX	
880-18879-82	CS-82 (4')	Total/NA	Solid	Total BTEX	
880-18879-83	CS-83 (4')	Total/NA	Solid	Total BTEX	
880-18879-84	CS-84 (4')	Total/NA	Solid	Total BTEX	
880-18879-85	CS-85 (4')	Total/NA	Solid	Total BTEX	
880-18879-86	CS-86 (4')	Total/NA	Solid	Total BTEX	
880-18879-87	CS-87 (4')	Total/NA	Solid	Total BTEX	
880-18879-88	CS-88 (4')	Total/NA	Solid	Total BTEX	
880-18879-89	CS-89 (4')	Total/NA	Solid	Total BTEX	
880-18879-90	CS-90 (4')	Total/NA	Solid	Total BTEX	
880-18879-91	CS-91 (4')	Total/NA	Solid	Total BTEX	
880-18879-92	CS-92 (4')	Total/NA	Solid	Total BTEX	
880-18879-93	CS-93 (4')	Total/NA	Solid	Total BTEX	
880-18879-94	CS-94 (4')	Total/NA	Solid	Total BTEX	
880-18879-95	CS-95 (4')	Total/NA	Solid	Total BTEX	
880-18879-96	CS-96 (4')	Total/NA	Solid	Total BTEX	
880-18879-97	CS-97 (4')	Total/NA	Solid	Total BTEX	
880-18879-98	CS-98 (4')	Total/NA	Solid	Total BTEX	
880-18879-99	CS-99 (4')	Total/NA	Solid	Total BTEX	
880-18879-100	CS-100 (4')	Total/NA	Solid	Total BTEX	
880-18879-101	CS-101 (4')	Total/NA	Solid	Total BTEX	
880-18879-102	SW-1 (4')	Total/NA	Solid	Total BTEX	
880-18879-103	SW-2 (4')	Total/NA	Solid	Total BTEX	
880-18879-104	SW-3 (4')	Total/NA	Solid	Total BTEX	
880-18879-105	SW-4 (4')	Total/NA	Solid	Total BTEX	
880-18879-106	SW-5 (4')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

GC VOA (Continued)

Analysis Batch: 34313 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-107	SW-6 (4')	Total/NA	Solid	Total BTEX	
880-18879-108	SW-7 (4')	Total/NA	Solid	Total BTEX	
880-18879-109	SW-8 (4')	Total/NA	Solid	Total BTEX	
880-18879-110	SW-9 (4')	Total/NA	Solid	Total BTEX	
880-18879-111	SW-10 (4')	Total/NA	Solid	Total BTEX	
880-18879-112	SW-11 (4')	Total/NA	Solid	Total BTEX	
880-18879-113	SW-12 (4')	Total/NA	Solid	Total BTEX	

Analysis Batch: 34340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-101	CS-101 (4')	Total/NA	Solid	8021B	34272
880-18879-102	SW-1 (4')	Total/NA	Solid	8021B	34272
880-18879-103	SW-2 (4')	Total/NA	Solid	8021B	34272
880-18879-104	SW-3 (4')	Total/NA	Solid	8021B	34272
880-18879-105	SW-4 (4')	Total/NA	Solid	8021B	34272
880-18879-106	SW-5 (4')	Total/NA	Solid	8021B	34272
880-18879-107	SW-6 (4')	Total/NA	Solid	8021B	34272
880-18879-108	SW-7 (4')	Total/NA	Solid	8021B	34272
880-18879-109	SW-8 (4')	Total/NA	Solid	8021B	34272
880-18879-110	SW-9 (4')	Total/NA	Solid	8021B	34272
880-18879-111	SW-10 (4')	Total/NA	Solid	8021B	34272
880-18879-112	SW-11 (4')	Total/NA	Solid	8021B	34272
880-18879-113	SW-12 (4')	Total/NA	Solid	8021B	34272
MB 880-34272/5-A	Method Blank	Total/NA	Solid	8021B	34272
MB 880-34351/5-A	Method Blank	Total/NA	Solid	8021B	34351
LCS 880-34272/1-A	Lab Control Sample	Total/NA	Solid	8021B	34272
LCSD 880-34272/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	34272
880-18879-101 MS	CS-101 (4')	Total/NA	Solid	8021B	34272
880-18879-101 MSD	CS-101 (4')	Total/NA	Solid	8021B	34272

Prep Batch: 34351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-34351/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 34384

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-61	CS-61 (4')	Total/NA	Solid	8021B	34216
880-18879-62	CS-62 (4')	Total/NA	Solid	8021B	34216
880-18879-63	CS-63 (4')	Total/NA	Solid	8021B	34216
880-18879-64	CS-64 (4')	Total/NA	Solid	8021B	34216
880-18879-65	CS-65 (4')	Total/NA	Solid	8021B	34216
880-18879-66	CS-66 (4')	Total/NA	Solid	8021B	34216
880-18879-67	CS-67 (4')	Total/NA	Solid	8021B	34216
880-18879-68	CS-68 (4')	Total/NA	Solid	8021B	34216
880-18879-69	CS-69 (4')	Total/NA	Solid	8021B	34216
880-18879-70	CS-70 (4')	Total/NA	Solid	8021B	34216
880-18879-71	CS-71 (4')	Total/NA	Solid	8021B	34216
880-18879-72	CS-72 (4')	Total/NA	Solid	8021B	34216
880-18879-73	CS-73 (4')	Total/NA	Solid	8021B	34216
880-18879-74	CS-74 (4')	Total/NA	Solid	8021B	34216
880-18879-75	CS-75 (4')	Total/NA	Solid	8021B	34216

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

GC VOA (Continued)

Analysis Batch: 34384 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-76	CS-76 (4')	Total/NA	Solid	8021B	34216
880-18879-77	CS-77 (4')	Total/NA	Solid	8021B	34216
880-18879-78	CS-78 (4')	Total/NA	Solid	8021B	34216
880-18879-79	CS-79 (4')	Total/NA	Solid	8021B	34216
880-18879-80	CS-80 (4')	Total/NA	Solid	8021B	34216
880-18879-91	CS-91 (4')	Total/NA	Solid	8021B	34178
880-18879-92	CS-92 (4')	Total/NA	Solid	8021B	34178
880-18879-93	CS-93 (4')	Total/NA	Solid	8021B	34178
880-18879-94	CS-94 (4')	Total/NA	Solid	8021B	34178
880-18879-95	CS-95 (4')	Total/NA	Solid	8021B	34178
880-18879-96	CS-96 (4')	Total/NA	Solid	8021B	34178
880-18879-97	CS-97 (4')	Total/NA	Solid	8021B	34178
880-18879-98	CS-98 (4')	Total/NA	Solid	8021B	34178
880-18879-99	CS-99 (4')	Total/NA	Solid	8021B	34178
880-18879-100	CS-100 (4')	Total/NA	Solid	8021B	34178
MB 880-34178/5-A	Method Blank	Total/NA	Solid	8021B	34178
MB 880-34216/5-A	Method Blank	Total/NA	Solid	8021B	34216
LCS 880-34178/1-A	Lab Control Sample	Total/NA	Solid	8021B	34178
LCS 880-34216/1-A	Lab Control Sample	Total/NA	Solid	8021B	34216
LCSD 880-34178/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	34178
LCSD 880-34216/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	34216
880-18879-61 MS	CS-61 (4')	Total/NA	Solid	8021B	34216
880-18879-61 MSD	CS-61 (4')	Total/NA	Solid	8021B	34216

Analysis Batch: 34441

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-81	CS-81 (4')	Total/NA	Solid	8021B	34264
880-18879-82	CS-82 (4')	Total/NA	Solid	8021B	34264
880-18879-83	CS-83 (4')	Total/NA	Solid	8021B	34264
880-18879-84	CS-84 (4')	Total/NA	Solid	8021B	34264
880-18879-85	CS-85 (4')	Total/NA	Solid	8021B	34264
880-18879-86	CS-86 (4')	Total/NA	Solid	8021B	34264
880-18879-87	CS-87 (4')	Total/NA	Solid	8021B	34264
880-18879-88	CS-88 (4')	Total/NA	Solid	8021B	34264
880-18879-89	CS-89 (4')	Total/NA	Solid	8021B	34264
880-18879-90	CS-90 (4')	Total/NA	Solid	8021B	34264
MB 880-34264/5-A	Method Blank	Total/NA	Solid	8021B	34264
LCS 880-34264/1-A	Lab Control Sample	Total/NA	Solid	8021B	34264
LCSD 880-34264/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	34264
880-18879-81 MS	CS-81 (4')	Total/NA	Solid	8021B	34264
880-18879-81 MSD	CS-81 (4')	Total/NA	Solid	8021B	34264

GC Semi VOA

Prep Batch: 33869

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-1	CS-1 (4')	Total/NA	Solid	8015NM Prep	
880-18879-2	CS-2 (4')	Total/NA	Solid	8015NM Prep	
880-18879-3	CS-3 (4')	Total/NA	Solid	8015NM Prep	
880-18879-4	CS-4 (4')	Total/NA	Solid	8015NM Prep	
880-18879-5	CS-5 (4')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Prep Batch: 33869 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-6	CS-6 (4')	Total/NA	Solid	8015NM Prep	
880-18879-7	CS-7 (4')	Total/NA	Solid	8015NM Prep	
880-18879-8	CS-8 (4')	Total/NA	Solid	8015NM Prep	
880-18879-9	CS-9 (4')	Total/NA	Solid	8015NM Prep	
880-18879-10	CS-10 (4')	Total/NA	Solid	8015NM Prep	
880-18879-11	CS-11 (4')	Total/NA	Solid	8015NM Prep	
880-18879-12	CS-12 (4')	Total/NA	Solid	8015NM Prep	
880-18879-13	CS-13 (4')	Total/NA	Solid	8015NM Prep	
880-18879-14	CS-14 (4')	Total/NA	Solid	8015NM Prep	
880-18879-15	CS-15 (4')	Total/NA	Solid	8015NM Prep	
880-18879-16	CS-16 (4')	Total/NA	Solid	8015NM Prep	
880-18879-17	CS-17 (4')	Total/NA	Solid	8015NM Prep	
880-18879-18	CS-18 (4')	Total/NA	Solid	8015NM Prep	
880-18879-19	CS-19 (4')	Total/NA	Solid	8015NM Prep	
880-18879-20	CS-20 (4')	Total/NA	Solid	8015NM Prep	
MB 880-33869/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-33869/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-33869/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-18879-1 MS	CS-1 (4')	Total/NA	Solid	8015NM Prep	
880-18879-1 MSD	CS-1 (4')	Total/NA	Solid	8015NM Prep	

Prep Batch: 33870

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-21	CS-21 (4')	Total/NA	Solid	8015NM Prep	
880-18879-22	CS-22 (4')	Total/NA	Solid	8015NM Prep	
880-18879-23	CS-23 (4')	Total/NA	Solid	8015NM Prep	
880-18879-24	CS-24 (4')	Total/NA	Solid	8015NM Prep	
880-18879-25	CS-25 (4')	Total/NA	Solid	8015NM Prep	
880-18879-26	CS-26 (4')	Total/NA	Solid	8015NM Prep	
880-18879-27	CS-27 (4')	Total/NA	Solid	8015NM Prep	
880-18879-28	CS-28 (4')	Total/NA	Solid	8015NM Prep	
880-18879-29	CS-29 (4')	Total/NA	Solid	8015NM Prep	
880-18879-30	CS-30 (4')	Total/NA	Solid	8015NM Prep	
880-18879-31	CS-31 (4')	Total/NA	Solid	8015NM Prep	
880-18879-32	CS-32 (4')	Total/NA	Solid	8015NM Prep	
880-18879-33	CS-33 (4')	Total/NA	Solid	8015NM Prep	
880-18879-34	CS-34 (4')	Total/NA	Solid	8015NM Prep	
880-18879-35	CS-35 (4')	Total/NA	Solid	8015NM Prep	
880-18879-36	CS-36 (4')	Total/NA	Solid	8015NM Prep	
880-18879-37	CS-37 (4')	Total/NA	Solid	8015NM Prep	
880-18879-38	CS-38 (4')	Total/NA	Solid	8015NM Prep	
880-18879-39	CS-39 (4')	Total/NA	Solid	8015NM Prep	
880-18879-40	CS-40 (4')	Total/NA	Solid	8015NM Prep	
MB 880-33870/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-33870/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-33870/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-18879-21 MS	CS-21 (4')	Total/NA	Solid	8015NM Prep	
880-18879-21 MSD	CS-21 (4')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-18879-1

Project/Site: Silverback Federal B2 Tank Battery

SDG: Eddy Co, NM

GC Semi VOA

Analysis Batch: 33873

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-1	CS-1 (4')	Total/NA	Solid	8015B NM	33869
880-18879-2	CS-2 (4')	Total/NA	Solid	8015B NM	33869
880-18879-3	CS-3 (4')	Total/NA	Solid	8015B NM	33869
880-18879-4	CS-4 (4')	Total/NA	Solid	8015B NM	33869
880-18879-5	CS-5 (4')	Total/NA	Solid	8015B NM	33869
880-18879-6	CS-6 (4')	Total/NA	Solid	8015B NM	33869
880-18879-7	CS-7 (4')	Total/NA	Solid	8015B NM	33869
880-18879-8	CS-8 (4')	Total/NA	Solid	8015B NM	33869
880-18879-9	CS-9 (4')	Total/NA	Solid	8015B NM	33869
880-18879-10	CS-10 (4')	Total/NA	Solid	8015B NM	33869
880-18879-11	CS-11 (4')	Total/NA	Solid	8015B NM	33869
880-18879-12	CS-12 (4')	Total/NA	Solid	8015B NM	33869
880-18879-13	CS-13 (4')	Total/NA	Solid	8015B NM	33869
880-18879-14	CS-14 (4')	Total/NA	Solid	8015B NM	33869
880-18879-15	CS-15 (4')	Total/NA	Solid	8015B NM	33869
880-18879-16	CS-16 (4')	Total/NA	Solid	8015B NM	33869
880-18879-17	CS-17 (4')	Total/NA	Solid	8015B NM	33869
880-18879-18	CS-18 (4')	Total/NA	Solid	8015B NM	33869
880-18879-19	CS-19 (4')	Total/NA	Solid	8015B NM	33869
880-18879-20	CS-20 (4')	Total/NA	Solid	8015B NM	33869
880-18879-41	CS-41 (4')	Total/NA	Solid	8015B NM	33934
880-18879-42	CS-42 (4')	Total/NA	Solid	8015B NM	33934
880-18879-43	CS-43 (4')	Total/NA	Solid	8015B NM	33934
880-18879-44	CS-44 (4')	Total/NA	Solid	8015B NM	33934
880-18879-45	CS-45 (4')	Total/NA	Solid	8015B NM	33934
880-18879-46	CS-46 (4')	Total/NA	Solid	8015B NM	33934
880-18879-47	CS-47 (4')	Total/NA	Solid	8015B NM	33934
880-18879-48	CS-48 (4')	Total/NA	Solid	8015B NM	33934
880-18879-49	CS-49 (4')	Total/NA	Solid	8015B NM	33934
880-18879-50	CS-50 (4')	Total/NA	Solid	8015B NM	33934
880-18879-51	CS-51 (4')	Total/NA	Solid	8015B NM	33934
880-18879-52	CS-52 (4')	Total/NA	Solid	8015B NM	33934
880-18879-53	CS-53 (4')	Total/NA	Solid	8015B NM	33934
880-18879-54	CS-54 (4')	Total/NA	Solid	8015B NM	33934
880-18879-55	CS-55 (4')	Total/NA	Solid	8015B NM	33934
880-18879-56	CS-56 (4')	Total/NA	Solid	8015B NM	33934
880-18879-57	CS-57 (4')	Total/NA	Solid	8015B NM	33934
880-18879-58	CS-58 (4')	Total/NA	Solid	8015B NM	33934
880-18879-59	CS-59 (4')	Total/NA	Solid	8015B NM	33934
880-18879-60	CS-60 (4')	Total/NA	Solid	8015B NM	33934
MB 880-33869/1-A	Method Blank	Total/NA	Solid	8015B NM	33869
MB 880-33934/1-A	Method Blank	Total/NA	Solid	8015B NM	33934
LCS 880-33869/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	33869
LCS 880-33934/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	33934
LCSD 880-33869/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	33869
LCSD 880-33934/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	33934
880-18879-1 MS	CS-1 (4')	Total/NA	Solid	8015B NM	33869
880-18879-1 MSD	CS-1 (4')	Total/NA	Solid	8015B NM	33869
880-18879-41 MS	CS-41 (4')	Total/NA	Solid	8015B NM	33934
880-18879-41 MSD	CS-41 (4')	Total/NA	Solid	8015B NM	33934

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

GC Semi VOA

Analysis Batch: 33875

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-21	CS-21 (4')	Total/NA	Solid	8015B NM	33870
880-18879-22	CS-22 (4')	Total/NA	Solid	8015B NM	33870
880-18879-23	CS-23 (4')	Total/NA	Solid	8015B NM	33870
880-18879-24	CS-24 (4')	Total/NA	Solid	8015B NM	33870
880-18879-25	CS-25 (4')	Total/NA	Solid	8015B NM	33870
880-18879-26	CS-26 (4')	Total/NA	Solid	8015B NM	33870
880-18879-27	CS-27 (4')	Total/NA	Solid	8015B NM	33870
880-18879-28	CS-28 (4')	Total/NA	Solid	8015B NM	33870
880-18879-29	CS-29 (4')	Total/NA	Solid	8015B NM	33870
880-18879-30	CS-30 (4')	Total/NA	Solid	8015B NM	33870
880-18879-31	CS-31 (4')	Total/NA	Solid	8015B NM	33870
880-18879-32	CS-32 (4')	Total/NA	Solid	8015B NM	33870
880-18879-33	CS-33 (4')	Total/NA	Solid	8015B NM	33870
880-18879-34	CS-34 (4')	Total/NA	Solid	8015B NM	33870
880-18879-35	CS-35 (4')	Total/NA	Solid	8015B NM	33870
880-18879-36	CS-36 (4')	Total/NA	Solid	8015B NM	33870
880-18879-37	CS-37 (4')	Total/NA	Solid	8015B NM	33870
880-18879-38	CS-38 (4')	Total/NA	Solid	8015B NM	33870
880-18879-39	CS-39 (4')	Total/NA	Solid	8015B NM	33870
880-18879-40	CS-40 (4')	Total/NA	Solid	8015B NM	33870
MB 880-33870/1-A	Method Blank	Total/NA	Solid	8015B NM	33870
LCS 880-33870/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	33870
LCSD 880-33870/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	33870
880-18879-21 MS	CS-21 (4')	Total/NA	Solid	8015B NM	33870
880-18879-21 MSD	CS-21 (4')	Total/NA	Solid	8015B NM	33870

Analysis Batch: 33879

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-61	CS-61 (4')	Total/NA	Solid	8015B NM	33953
880-18879-62	CS-62 (4')	Total/NA	Solid	8015B NM	33953
880-18879-63	CS-63 (4')	Total/NA	Solid	8015B NM	33953
880-18879-64	CS-64 (4')	Total/NA	Solid	8015B NM	33953
880-18879-65	CS-65 (4')	Total/NA	Solid	8015B NM	33953
880-18879-66	CS-66 (4')	Total/NA	Solid	8015B NM	33953
880-18879-67	CS-67 (4')	Total/NA	Solid	8015B NM	33953
880-18879-68	CS-68 (4')	Total/NA	Solid	8015B NM	33953
880-18879-69	CS-69 (4')	Total/NA	Solid	8015B NM	33953
880-18879-70	CS-70 (4')	Total/NA	Solid	8015B NM	33953
880-18879-71	CS-71 (4')	Total/NA	Solid	8015B NM	33953
880-18879-72	CS-72 (4')	Total/NA	Solid	8015B NM	33953
880-18879-73	CS-73 (4')	Total/NA	Solid	8015B NM	33953
880-18879-74	CS-74 (4')	Total/NA	Solid	8015B NM	33953
880-18879-75	CS-75 (4')	Total/NA	Solid	8015B NM	33953
880-18879-76	CS-76 (4')	Total/NA	Solid	8015B NM	33953
880-18879-77	CS-77 (4')	Total/NA	Solid	8015B NM	33953
880-18879-78	CS-78 (4')	Total/NA	Solid	8015B NM	33953
880-18879-79	CS-79 (4')	Total/NA	Solid	8015B NM	33953
880-18879-80	CS-80 (4')	Total/NA	Solid	8015B NM	33953
MB 880-33953/1-A	Method Blank	Total/NA	Solid	8015B NM	33953
LCS 880-33953/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	33953
LCSD 880-33953/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	33953

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 33879 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-61 MS	CS-61 (4')	Total/NA	Solid	8015B NM	33953
880-18879-61 MSD	CS-61 (4')	Total/NA	Solid	8015B NM	33953

Prep Batch: 33934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-41	CS-41 (4')	Total/NA	Solid	8015NM Prep	
880-18879-42	CS-42 (4')	Total/NA	Solid	8015NM Prep	
880-18879-43	CS-43 (4')	Total/NA	Solid	8015NM Prep	
880-18879-44	CS-44 (4')	Total/NA	Solid	8015NM Prep	
880-18879-45	CS-45 (4')	Total/NA	Solid	8015NM Prep	
880-18879-46	CS-46 (4')	Total/NA	Solid	8015NM Prep	
880-18879-47	CS-47 (4')	Total/NA	Solid	8015NM Prep	
880-18879-48	CS-48 (4')	Total/NA	Solid	8015NM Prep	
880-18879-49	CS-49 (4')	Total/NA	Solid	8015NM Prep	
880-18879-50	CS-50 (4')	Total/NA	Solid	8015NM Prep	
880-18879-51	CS-51 (4')	Total/NA	Solid	8015NM Prep	
880-18879-52	CS-52 (4')	Total/NA	Solid	8015NM Prep	
880-18879-53	CS-53 (4')	Total/NA	Solid	8015NM Prep	
880-18879-54	CS-54 (4')	Total/NA	Solid	8015NM Prep	
880-18879-55	CS-55 (4')	Total/NA	Solid	8015NM Prep	
880-18879-56	CS-56 (4')	Total/NA	Solid	8015NM Prep	
880-18879-57	CS-57 (4')	Total/NA	Solid	8015NM Prep	
880-18879-58	CS-58 (4')	Total/NA	Solid	8015NM Prep	
880-18879-59	CS-59 (4')	Total/NA	Solid	8015NM Prep	
880-18879-60	CS-60 (4')	Total/NA	Solid	8015NM Prep	
MB 880-33934/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-33934/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-33934/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-18879-41 MS	CS-41 (4')	Total/NA	Solid	8015NM Prep	
880-18879-41 MSD	CS-41 (4')	Total/NA	Solid	8015NM Prep	

Prep Batch: 33953

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-61	CS-61 (4')	Total/NA	Solid	8015NM Prep	
880-18879-62	CS-62 (4')	Total/NA	Solid	8015NM Prep	
880-18879-63	CS-63 (4')	Total/NA	Solid	8015NM Prep	
880-18879-64	CS-64 (4')	Total/NA	Solid	8015NM Prep	
880-18879-65	CS-65 (4')	Total/NA	Solid	8015NM Prep	
880-18879-66	CS-66 (4')	Total/NA	Solid	8015NM Prep	
880-18879-67	CS-67 (4')	Total/NA	Solid	8015NM Prep	
880-18879-68	CS-68 (4')	Total/NA	Solid	8015NM Prep	
880-18879-69	CS-69 (4')	Total/NA	Solid	8015NM Prep	
880-18879-70	CS-70 (4')	Total/NA	Solid	8015NM Prep	
880-18879-71	CS-71 (4')	Total/NA	Solid	8015NM Prep	
880-18879-72	CS-72 (4')	Total/NA	Solid	8015NM Prep	
880-18879-73	CS-73 (4')	Total/NA	Solid	8015NM Prep	
880-18879-74	CS-74 (4')	Total/NA	Solid	8015NM Prep	
880-18879-75	CS-75 (4')	Total/NA	Solid	8015NM Prep	
880-18879-76	CS-76 (4')	Total/NA	Solid	8015NM Prep	
880-18879-77	CS-77 (4')	Total/NA	Solid	8015NM Prep	
880-18879-78	CS-78 (4')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-18879-1

Project/Site: Silverback Federal B2 Tank Battery

SDG: Eddy Co, NM

GC Semi VOA (Continued)

Prep Batch: 33953 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-79	CS-79 (4')	Total/NA	Solid	8015NM Prep	
880-18879-80	CS-80 (4')	Total/NA	Solid	8015NM Prep	
MB 880-33953/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-33953/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-33953/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-18879-61 MS	CS-61 (4')	Total/NA	Solid	8015NM Prep	
880-18879-61 MSD	CS-61 (4')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 33968

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-81	CS-81 (4')	Total/NA	Solid	8015B NM	33978
880-18879-82	CS-82 (4')	Total/NA	Solid	8015B NM	33978
880-18879-83	CS-83 (4')	Total/NA	Solid	8015B NM	33978
880-18879-84	CS-84 (4')	Total/NA	Solid	8015B NM	33978
880-18879-85	CS-85 (4')	Total/NA	Solid	8015B NM	33978
880-18879-86	CS-86 (4')	Total/NA	Solid	8015B NM	33978
880-18879-87	CS-87 (4')	Total/NA	Solid	8015B NM	33978
880-18879-88	CS-88 (4')	Total/NA	Solid	8015B NM	33978
880-18879-89	CS-89 (4')	Total/NA	Solid	8015B NM	33978
880-18879-90	CS-90 (4')	Total/NA	Solid	8015B NM	33978
880-18879-91	CS-91 (4')	Total/NA	Solid	8015B NM	33978
880-18879-92	CS-92 (4')	Total/NA	Solid	8015B NM	33978
880-18879-93	CS-93 (4')	Total/NA	Solid	8015B NM	33978
880-18879-94	CS-94 (4')	Total/NA	Solid	8015B NM	33978
880-18879-95	CS-95 (4')	Total/NA	Solid	8015B NM	33978
880-18879-96	CS-96 (4')	Total/NA	Solid	8015B NM	33978
880-18879-97	CS-97 (4')	Total/NA	Solid	8015B NM	33978
880-18879-98	CS-98 (4')	Total/NA	Solid	8015B NM	33978
880-18879-99	CS-99 (4')	Total/NA	Solid	8015B NM	33978
880-18879-100	CS-100 (4')	Total/NA	Solid	8015B NM	33978
MB 880-33978/1-A	Method Blank	Total/NA	Solid	8015B NM	33978
LCS 880-33978/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	33978
LCSD 880-33978/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	33978
880-18879-81 MS	CS-81 (4')	Total/NA	Solid	8015B NM	33978
880-18879-81 MSD	CS-81 (4')	Total/NA	Solid	8015B NM	33978

Analysis Batch: 33970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-101	CS-101 (4')	Total/NA	Solid	8015B NM	33979
880-18879-102	SW-1 (4')	Total/NA	Solid	8015B NM	33979
880-18879-103	SW-2 (4')	Total/NA	Solid	8015B NM	33979
880-18879-104	SW-3 (4')	Total/NA	Solid	8015B NM	33979
880-18879-105	SW-4 (4')	Total/NA	Solid	8015B NM	33979
880-18879-106	SW-5 (4')	Total/NA	Solid	8015B NM	33979
880-18879-107	SW-6 (4')	Total/NA	Solid	8015B NM	33979
880-18879-108	SW-7 (4')	Total/NA	Solid	8015B NM	33979
880-18879-109	SW-8 (4')	Total/NA	Solid	8015B NM	33979
880-18879-110	SW-9 (4')	Total/NA	Solid	8015B NM	33979
880-18879-111	SW-10 (4')	Total/NA	Solid	8015B NM	33979
880-18879-112	SW-11 (4')	Total/NA	Solid	8015B NM	33979
880-18879-113	SW-12 (4')	Total/NA	Solid	8015B NM	33979

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 33970 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-33979/1-A	Method Blank	Total/NA	Solid	8015B NM	33979
LCS 880-33979/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	33979
LCSD 880-33979/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	33979
880-18878-A-1-G MS	Matrix Spike	Total/NA	Solid	8015B NM	33979
880-18878-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	33979

Prep Batch: 33978

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-81	CS-81 (4')	Total/NA	Solid	8015NM Prep	
880-18879-82	CS-82 (4')	Total/NA	Solid	8015NM Prep	
880-18879-83	CS-83 (4')	Total/NA	Solid	8015NM Prep	
880-18879-84	CS-84 (4')	Total/NA	Solid	8015NM Prep	
880-18879-85	CS-85 (4')	Total/NA	Solid	8015NM Prep	
880-18879-86	CS-86 (4')	Total/NA	Solid	8015NM Prep	
880-18879-87	CS-87 (4')	Total/NA	Solid	8015NM Prep	
880-18879-88	CS-88 (4')	Total/NA	Solid	8015NM Prep	
880-18879-89	CS-89 (4')	Total/NA	Solid	8015NM Prep	
880-18879-90	CS-90 (4')	Total/NA	Solid	8015NM Prep	
880-18879-91	CS-91 (4')	Total/NA	Solid	8015NM Prep	
880-18879-92	CS-92 (4')	Total/NA	Solid	8015NM Prep	
880-18879-93	CS-93 (4')	Total/NA	Solid	8015NM Prep	
880-18879-94	CS-94 (4')	Total/NA	Solid	8015NM Prep	
880-18879-95	CS-95 (4')	Total/NA	Solid	8015NM Prep	
880-18879-96	CS-96 (4')	Total/NA	Solid	8015NM Prep	
880-18879-97	CS-97 (4')	Total/NA	Solid	8015NM Prep	
880-18879-98	CS-98 (4')	Total/NA	Solid	8015NM Prep	
880-18879-99	CS-99 (4')	Total/NA	Solid	8015NM Prep	
880-18879-100	CS-100 (4')	Total/NA	Solid	8015NM Prep	
MB 880-33978/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-33978/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-33978/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-18879-81 MS	CS-81 (4')	Total/NA	Solid	8015NM Prep	
880-18879-81 MSD	CS-81 (4')	Total/NA	Solid	8015NM Prep	

Prep Batch: 33979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-101	CS-101 (4')	Total/NA	Solid	8015NM Prep	
880-18879-102	SW-1 (4')	Total/NA	Solid	8015NM Prep	
880-18879-103	SW-2 (4')	Total/NA	Solid	8015NM Prep	
880-18879-104	SW-3 (4')	Total/NA	Solid	8015NM Prep	
880-18879-105	SW-4 (4')	Total/NA	Solid	8015NM Prep	
880-18879-106	SW-5 (4')	Total/NA	Solid	8015NM Prep	
880-18879-107	SW-6 (4')	Total/NA	Solid	8015NM Prep	
880-18879-108	SW-7 (4')	Total/NA	Solid	8015NM Prep	
880-18879-109	SW-8 (4')	Total/NA	Solid	8015NM Prep	
880-18879-110	SW-9 (4')	Total/NA	Solid	8015NM Prep	
880-18879-111	SW-10 (4')	Total/NA	Solid	8015NM Prep	
880-18879-112	SW-11 (4')	Total/NA	Solid	8015NM Prep	
880-18879-113	SW-12 (4')	Total/NA	Solid	8015NM Prep	
MB 880-33979/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-33979/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Prep Batch: 33979 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-33979/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-18878-A-1-G MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-18878-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 33997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-1	CS-1 (4')	Total/NA	Solid	8015 NM	
880-18879-2	CS-2 (4')	Total/NA	Solid	8015 NM	
880-18879-3	CS-3 (4')	Total/NA	Solid	8015 NM	
880-18879-4	CS-4 (4')	Total/NA	Solid	8015 NM	
880-18879-5	CS-5 (4')	Total/NA	Solid	8015 NM	
880-18879-6	CS-6 (4')	Total/NA	Solid	8015 NM	
880-18879-7	CS-7 (4')	Total/NA	Solid	8015 NM	
880-18879-8	CS-8 (4')	Total/NA	Solid	8015 NM	
880-18879-9	CS-9 (4')	Total/NA	Solid	8015 NM	
880-18879-10	CS-10 (4')	Total/NA	Solid	8015 NM	
880-18879-11	CS-11 (4')	Total/NA	Solid	8015 NM	
880-18879-12	CS-12 (4')	Total/NA	Solid	8015 NM	
880-18879-13	CS-13 (4')	Total/NA	Solid	8015 NM	
880-18879-14	CS-14 (4')	Total/NA	Solid	8015 NM	
880-18879-15	CS-15 (4')	Total/NA	Solid	8015 NM	
880-18879-16	CS-16 (4')	Total/NA	Solid	8015 NM	
880-18879-17	CS-17 (4')	Total/NA	Solid	8015 NM	
880-18879-18	CS-18 (4')	Total/NA	Solid	8015 NM	
880-18879-19	CS-19 (4')	Total/NA	Solid	8015 NM	
880-18879-20	CS-20 (4')	Total/NA	Solid	8015 NM	
880-18879-21	CS-21 (4')	Total/NA	Solid	8015 NM	
880-18879-22	CS-22 (4')	Total/NA	Solid	8015 NM	
880-18879-23	CS-23 (4')	Total/NA	Solid	8015 NM	
880-18879-24	CS-24 (4')	Total/NA	Solid	8015 NM	
880-18879-25	CS-25 (4')	Total/NA	Solid	8015 NM	
880-18879-26	CS-26 (4')	Total/NA	Solid	8015 NM	
880-18879-27	CS-27 (4')	Total/NA	Solid	8015 NM	
880-18879-28	CS-28 (4')	Total/NA	Solid	8015 NM	
880-18879-29	CS-29 (4')	Total/NA	Solid	8015 NM	
880-18879-30	CS-30 (4')	Total/NA	Solid	8015 NM	
880-18879-31	CS-31 (4')	Total/NA	Solid	8015 NM	
880-18879-32	CS-32 (4')	Total/NA	Solid	8015 NM	
880-18879-33	CS-33 (4')	Total/NA	Solid	8015 NM	
880-18879-34	CS-34 (4')	Total/NA	Solid	8015 NM	
880-18879-35	CS-35 (4')	Total/NA	Solid	8015 NM	
880-18879-36	CS-36 (4')	Total/NA	Solid	8015 NM	
880-18879-37	CS-37 (4')	Total/NA	Solid	8015 NM	
880-18879-38	CS-38 (4')	Total/NA	Solid	8015 NM	
880-18879-39	CS-39 (4')	Total/NA	Solid	8015 NM	
880-18879-40	CS-40 (4')	Total/NA	Solid	8015 NM	
880-18879-41	CS-41 (4')	Total/NA	Solid	8015 NM	
880-18879-42	CS-42 (4')	Total/NA	Solid	8015 NM	
880-18879-43	CS-43 (4')	Total/NA	Solid	8015 NM	
880-18879-44	CS-44 (4')	Total/NA	Solid	8015 NM	
880-18879-45	CS-45 (4')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-18879-1

Project/Site: Silverback Federal B2 Tank Battery

SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 33997 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-46	CS-46 (4')	Total/NA	Solid	8015 NM	
880-18879-47	CS-47 (4')	Total/NA	Solid	8015 NM	
880-18879-48	CS-48 (4')	Total/NA	Solid	8015 NM	
880-18879-49	CS-49 (4')	Total/NA	Solid	8015 NM	
880-18879-50	CS-50 (4')	Total/NA	Solid	8015 NM	
880-18879-51	CS-51 (4')	Total/NA	Solid	8015 NM	
880-18879-52	CS-52 (4')	Total/NA	Solid	8015 NM	
880-18879-53	CS-53 (4')	Total/NA	Solid	8015 NM	
880-18879-54	CS-54 (4')	Total/NA	Solid	8015 NM	
880-18879-55	CS-55 (4')	Total/NA	Solid	8015 NM	
880-18879-56	CS-56 (4')	Total/NA	Solid	8015 NM	
880-18879-57	CS-57 (4')	Total/NA	Solid	8015 NM	
880-18879-58	CS-58 (4')	Total/NA	Solid	8015 NM	
880-18879-59	CS-59 (4')	Total/NA	Solid	8015 NM	
880-18879-60	CS-60 (4')	Total/NA	Solid	8015 NM	
880-18879-61	CS-61 (4')	Total/NA	Solid	8015 NM	
880-18879-62	CS-62 (4')	Total/NA	Solid	8015 NM	
880-18879-63	CS-63 (4')	Total/NA	Solid	8015 NM	
880-18879-64	CS-64 (4')	Total/NA	Solid	8015 NM	
880-18879-65	CS-65 (4')	Total/NA	Solid	8015 NM	
880-18879-66	CS-66 (4')	Total/NA	Solid	8015 NM	
880-18879-67	CS-67 (4')	Total/NA	Solid	8015 NM	
880-18879-68	CS-68 (4')	Total/NA	Solid	8015 NM	
880-18879-69	CS-69 (4')	Total/NA	Solid	8015 NM	
880-18879-70	CS-70 (4')	Total/NA	Solid	8015 NM	
880-18879-71	CS-71 (4')	Total/NA	Solid	8015 NM	
880-18879-72	CS-72 (4')	Total/NA	Solid	8015 NM	
880-18879-73	CS-73 (4')	Total/NA	Solid	8015 NM	
880-18879-74	CS-74 (4')	Total/NA	Solid	8015 NM	
880-18879-75	CS-75 (4')	Total/NA	Solid	8015 NM	
880-18879-76	CS-76 (4')	Total/NA	Solid	8015 NM	
880-18879-77	CS-77 (4')	Total/NA	Solid	8015 NM	
880-18879-78	CS-78 (4')	Total/NA	Solid	8015 NM	
880-18879-79	CS-79 (4')	Total/NA	Solid	8015 NM	
880-18879-80	CS-80 (4')	Total/NA	Solid	8015 NM	
880-18879-81	CS-81 (4')	Total/NA	Solid	8015 NM	
880-18879-82	CS-82 (4')	Total/NA	Solid	8015 NM	
880-18879-83	CS-83 (4')	Total/NA	Solid	8015 NM	
880-18879-84	CS-84 (4')	Total/NA	Solid	8015 NM	
880-18879-85	CS-85 (4')	Total/NA	Solid	8015 NM	
880-18879-86	CS-86 (4')	Total/NA	Solid	8015 NM	
880-18879-87	CS-87 (4')	Total/NA	Solid	8015 NM	
880-18879-88	CS-88 (4')	Total/NA	Solid	8015 NM	
880-18879-89	CS-89 (4')	Total/NA	Solid	8015 NM	
880-18879-90	CS-90 (4')	Total/NA	Solid	8015 NM	
880-18879-91	CS-91 (4')	Total/NA	Solid	8015 NM	
880-18879-92	CS-92 (4')	Total/NA	Solid	8015 NM	
880-18879-93	CS-93 (4')	Total/NA	Solid	8015 NM	
880-18879-94	CS-94 (4')	Total/NA	Solid	8015 NM	
880-18879-95	CS-95 (4')	Total/NA	Solid	8015 NM	
880-18879-96	CS-96 (4')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 33997 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-97	CS-97 (4')	Total/NA	Solid	8015 NM	
880-18879-98	CS-98 (4')	Total/NA	Solid	8015 NM	
880-18879-99	CS-99 (4')	Total/NA	Solid	8015 NM	
880-18879-100	CS-100 (4')	Total/NA	Solid	8015 NM	
880-18879-101	CS-101 (4')	Total/NA	Solid	8015 NM	
880-18879-102	SW-1 (4')	Total/NA	Solid	8015 NM	
880-18879-103	SW-2 (4')	Total/NA	Solid	8015 NM	
880-18879-104	SW-3 (4')	Total/NA	Solid	8015 NM	
880-18879-105	SW-4 (4')	Total/NA	Solid	8015 NM	
880-18879-106	SW-5 (4')	Total/NA	Solid	8015 NM	
880-18879-107	SW-6 (4')	Total/NA	Solid	8015 NM	
880-18879-108	SW-7 (4')	Total/NA	Solid	8015 NM	
880-18879-109	SW-8 (4')	Total/NA	Solid	8015 NM	
880-18879-110	SW-9 (4')	Total/NA	Solid	8015 NM	
880-18879-111	SW-10 (4')	Total/NA	Solid	8015 NM	
880-18879-112	SW-11 (4')	Total/NA	Solid	8015 NM	
880-18879-113	SW-12 (4')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 33907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-1	CS-1 (4')	Soluble	Solid	DI Leach	
880-18879-2	CS-2 (4')	Soluble	Solid	DI Leach	
880-18879-3	CS-3 (4')	Soluble	Solid	DI Leach	
880-18879-4	CS-4 (4')	Soluble	Solid	DI Leach	
880-18879-5	CS-5 (4')	Soluble	Solid	DI Leach	
880-18879-6	CS-6 (4')	Soluble	Solid	DI Leach	
880-18879-7	CS-7 (4')	Soluble	Solid	DI Leach	
880-18879-8	CS-8 (4')	Soluble	Solid	DI Leach	
880-18879-9	CS-9 (4')	Soluble	Solid	DI Leach	
880-18879-10	CS-10 (4')	Soluble	Solid	DI Leach	
880-18879-11	CS-11 (4')	Soluble	Solid	DI Leach	
880-18879-12	CS-12 (4')	Soluble	Solid	DI Leach	
880-18879-13	CS-13 (4')	Soluble	Solid	DI Leach	
880-18879-14	CS-14 (4')	Soluble	Solid	DI Leach	
880-18879-15	CS-15 (4')	Soluble	Solid	DI Leach	
880-18879-16	CS-16 (4')	Soluble	Solid	DI Leach	
880-18879-17	CS-17 (4')	Soluble	Solid	DI Leach	
880-18879-18	CS-18 (4')	Soluble	Solid	DI Leach	
880-18879-19	CS-19 (4')	Soluble	Solid	DI Leach	
880-18879-20	CS-20 (4')	Soluble	Solid	DI Leach	
MB 880-33907/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-33907/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-33907/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-18879-1 MS	CS-1 (4')	Soluble	Solid	DI Leach	
880-18879-1 MSD	CS-1 (4')	Soluble	Solid	DI Leach	
880-18879-11 MS	CS-11 (4')	Soluble	Solid	DI Leach	
880-18879-11 MSD	CS-11 (4')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-18879-1

Project/Site: Silverback Federal B2 Tank Battery

SDG: Eddy Co, NM

HPLC/IC

Leach Batch: 33911

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-21	CS-21 (4')	Soluble	Solid	DI Leach	
880-18879-22	CS-22 (4')	Soluble	Solid	DI Leach	
880-18879-23	CS-23 (4')	Soluble	Solid	DI Leach	
880-18879-24	CS-24 (4')	Soluble	Solid	DI Leach	
880-18879-25	CS-25 (4')	Soluble	Solid	DI Leach	
880-18879-26	CS-26 (4')	Soluble	Solid	DI Leach	
880-18879-27	CS-27 (4')	Soluble	Solid	DI Leach	
880-18879-28	CS-28 (4')	Soluble	Solid	DI Leach	
880-18879-29	CS-29 (4')	Soluble	Solid	DI Leach	
880-18879-30	CS-30 (4')	Soluble	Solid	DI Leach	
880-18879-31	CS-31 (4')	Soluble	Solid	DI Leach	
880-18879-32	CS-32 (4')	Soluble	Solid	DI Leach	
880-18879-33	CS-33 (4')	Soluble	Solid	DI Leach	
880-18879-34	CS-34 (4')	Soluble	Solid	DI Leach	
880-18879-35	CS-35 (4')	Soluble	Solid	DI Leach	
880-18879-36	CS-36 (4')	Soluble	Solid	DI Leach	
880-18879-37	CS-37 (4')	Soluble	Solid	DI Leach	
880-18879-38	CS-38 (4')	Soluble	Solid	DI Leach	
880-18879-39	CS-39 (4')	Soluble	Solid	DI Leach	
880-18879-40	CS-40 (4')	Soluble	Solid	DI Leach	
MB 880-33911/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-33911/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-33911/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-18879-21 MS	CS-21 (4')	Soluble	Solid	DI Leach	
880-18879-21 MSD	CS-21 (4')	Soluble	Solid	DI Leach	
880-18879-31 MS	CS-31 (4')	Soluble	Solid	DI Leach	
880-18879-31 MSD	CS-31 (4')	Soluble	Solid	DI Leach	

Leach Batch: 33912

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-41	CS-41 (4')	Soluble	Solid	DI Leach	
880-18879-42	CS-42 (4')	Soluble	Solid	DI Leach	
880-18879-43	CS-43 (4')	Soluble	Solid	DI Leach	
880-18879-44	CS-44 (4')	Soluble	Solid	DI Leach	
880-18879-45	CS-45 (4')	Soluble	Solid	DI Leach	
880-18879-46	CS-46 (4')	Soluble	Solid	DI Leach	
880-18879-47	CS-47 (4')	Soluble	Solid	DI Leach	
880-18879-48	CS-48 (4')	Soluble	Solid	DI Leach	
880-18879-49	CS-49 (4')	Soluble	Solid	DI Leach	
880-18879-50	CS-50 (4')	Soluble	Solid	DI Leach	
880-18879-51	CS-51 (4')	Soluble	Solid	DI Leach	
880-18879-52	CS-52 (4')	Soluble	Solid	DI Leach	
880-18879-53	CS-53 (4')	Soluble	Solid	DI Leach	
880-18879-54	CS-54 (4')	Soluble	Solid	DI Leach	
880-18879-55	CS-55 (4')	Soluble	Solid	DI Leach	
880-18879-56	CS-56 (4')	Soluble	Solid	DI Leach	
880-18879-57	CS-57 (4')	Soluble	Solid	DI Leach	
880-18879-58	CS-58 (4')	Soluble	Solid	DI Leach	
880-18879-59	CS-59 (4')	Soluble	Solid	DI Leach	
880-18879-60	CS-60 (4')	Soluble	Solid	DI Leach	
MB 880-33912/1-A	Method Blank	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Leach Batch: 33912 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-33912/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-33912/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-18879-41 MS	CS-41 (4')	Soluble	Solid	DI Leach	
880-18879-41 MSD	CS-41 (4')	Soluble	Solid	DI Leach	
880-18879-51 MS	CS-51 (4')	Soluble	Solid	DI Leach	
880-18879-51 MSD	CS-51 (4')	Soluble	Solid	DI Leach	

Leach Batch: 33913

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-61	CS-61 (4')	Soluble	Solid	DI Leach	
880-18879-62	CS-62 (4')	Soluble	Solid	DI Leach	
880-18879-63	CS-63 (4')	Soluble	Solid	DI Leach	
880-18879-64	CS-64 (4')	Soluble	Solid	DI Leach	
880-18879-65	CS-65 (4')	Soluble	Solid	DI Leach	
880-18879-66	CS-66 (4')	Soluble	Solid	DI Leach	
880-18879-67	CS-67 (4')	Soluble	Solid	DI Leach	
880-18879-68	CS-68 (4')	Soluble	Solid	DI Leach	
880-18879-69	CS-69 (4')	Soluble	Solid	DI Leach	
880-18879-70	CS-70 (4')	Soluble	Solid	DI Leach	
880-18879-71	CS-71 (4')	Soluble	Solid	DI Leach	
880-18879-72	CS-72 (4')	Soluble	Solid	DI Leach	
880-18879-73	CS-73 (4')	Soluble	Solid	DI Leach	
880-18879-74	CS-74 (4')	Soluble	Solid	DI Leach	
880-18879-75	CS-75 (4')	Soluble	Solid	DI Leach	
880-18879-76	CS-76 (4')	Soluble	Solid	DI Leach	
880-18879-77	CS-77 (4')	Soluble	Solid	DI Leach	
880-18879-78	CS-78 (4')	Soluble	Solid	DI Leach	
880-18879-79	CS-79 (4')	Soluble	Solid	DI Leach	
880-18879-80	CS-80 (4')	Soluble	Solid	DI Leach	
MB 880-33913/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-33913/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-33913/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-18879-61 MS	CS-61 (4')	Soluble	Solid	DI Leach	
880-18879-61 MSD	CS-61 (4')	Soluble	Solid	DI Leach	
880-18879-71 MS	CS-71 (4')	Soluble	Solid	DI Leach	
880-18879-71 MSD	CS-71 (4')	Soluble	Solid	DI Leach	

Leach Batch: 33914

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-81	CS-81 (4')	Soluble	Solid	DI Leach	
880-18879-82	CS-82 (4')	Soluble	Solid	DI Leach	
880-18879-83	CS-83 (4')	Soluble	Solid	DI Leach	
880-18879-84	CS-84 (4')	Soluble	Solid	DI Leach	
880-18879-85	CS-85 (4')	Soluble	Solid	DI Leach	
880-18879-86	CS-86 (4')	Soluble	Solid	DI Leach	
880-18879-87	CS-87 (4')	Soluble	Solid	DI Leach	
880-18879-88	CS-88 (4')	Soluble	Solid	DI Leach	
880-18879-89	CS-89 (4')	Soluble	Solid	DI Leach	
880-18879-90	CS-90 (4')	Soluble	Solid	DI Leach	
880-18879-91	CS-91 (4')	Soluble	Solid	DI Leach	
880-18879-92	CS-92 (4')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Leach Batch: 33914 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-93	CS-93 (4')	Soluble	Solid	DI Leach	
880-18879-94	CS-94 (4')	Soluble	Solid	DI Leach	
880-18879-95	CS-95 (4')	Soluble	Solid	DI Leach	
880-18879-96	CS-96 (4')	Soluble	Solid	DI Leach	
880-18879-97	CS-97 (4')	Soluble	Solid	DI Leach	
880-18879-98	CS-98 (4')	Soluble	Solid	DI Leach	
880-18879-99	CS-99 (4')	Soluble	Solid	DI Leach	
880-18879-100	CS-100 (4')	Soluble	Solid	DI Leach	
MB 880-33914/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-33914/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-33914/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-18879-81 MS	CS-81 (4')	Soluble	Solid	DI Leach	
880-18879-81 MSD	CS-81 (4')	Soluble	Solid	DI Leach	
880-18879-91 MS	CS-91 (4')	Soluble	Solid	DI Leach	
880-18879-91 MSD	CS-91 (4')	Soluble	Solid	DI Leach	

Leach Batch: 33918

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-101	CS-101 (4')	Soluble	Solid	DI Leach	
880-18879-102	SW-1 (4')	Soluble	Solid	DI Leach	
880-18879-103	SW-2 (4')	Soluble	Solid	DI Leach	
880-18879-104	SW-3 (4')	Soluble	Solid	DI Leach	
880-18879-105	SW-4 (4')	Soluble	Solid	DI Leach	
880-18879-106	SW-5 (4')	Soluble	Solid	DI Leach	
880-18879-107	SW-6 (4')	Soluble	Solid	DI Leach	
880-18879-108	SW-7 (4')	Soluble	Solid	DI Leach	
880-18879-109	SW-8 (4')	Soluble	Solid	DI Leach	
880-18879-110	SW-9 (4')	Soluble	Solid	DI Leach	
880-18879-111	SW-10 (4')	Soluble	Solid	DI Leach	
880-18879-112	SW-11 (4')	Soluble	Solid	DI Leach	
880-18879-113	SW-12 (4')	Soluble	Solid	DI Leach	
MB 880-33918/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-33918/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-33918/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-18879-106 MS	SW-5 (4')	Soluble	Solid	DI Leach	
880-18879-106 MSD	SW-5 (4')	Soluble	Solid	DI Leach	

Analysis Batch: 33940

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-101	CS-101 (4')	Soluble	Solid	300.0	33918
880-18879-102	SW-1 (4')	Soluble	Solid	300.0	33918
880-18879-103	SW-2 (4')	Soluble	Solid	300.0	33918
880-18879-104	SW-3 (4')	Soluble	Solid	300.0	33918
880-18879-105	SW-4 (4')	Soluble	Solid	300.0	33918
880-18879-106	SW-5 (4')	Soluble	Solid	300.0	33918
880-18879-107	SW-6 (4')	Soluble	Solid	300.0	33918
880-18879-108	SW-7 (4')	Soluble	Solid	300.0	33918
880-18879-109	SW-8 (4')	Soluble	Solid	300.0	33918
880-18879-110	SW-9 (4')	Soluble	Solid	300.0	33918
880-18879-111	SW-10 (4')	Soluble	Solid	300.0	33918
880-18879-112	SW-11 (4')	Soluble	Solid	300.0	33918

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Analysis Batch: 33940 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-113	SW-12 (4')	Soluble	Solid	300.0	33918
MB 880-33918/1-A	Method Blank	Soluble	Solid	300.0	33918
LCS 880-33918/2-A	Lab Control Sample	Soluble	Solid	300.0	33918
LCSD 880-33918/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	33918
880-18879-106 MS	SW-5 (4')	Soluble	Solid	300.0	33918
880-18879-106 MSD	SW-5 (4')	Soluble	Solid	300.0	33918

Analysis Batch: 34012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-21	CS-21 (4')	Soluble	Solid	300.0	33911
880-18879-22	CS-22 (4')	Soluble	Solid	300.0	33911
880-18879-23	CS-23 (4')	Soluble	Solid	300.0	33911
880-18879-24	CS-24 (4')	Soluble	Solid	300.0	33911
880-18879-25	CS-25 (4')	Soluble	Solid	300.0	33911
880-18879-26	CS-26 (4')	Soluble	Solid	300.0	33911
880-18879-27	CS-27 (4')	Soluble	Solid	300.0	33911
880-18879-28	CS-28 (4')	Soluble	Solid	300.0	33911
880-18879-29	CS-29 (4')	Soluble	Solid	300.0	33911
880-18879-30	CS-30 (4')	Soluble	Solid	300.0	33911
880-18879-31	CS-31 (4')	Soluble	Solid	300.0	33911
880-18879-32	CS-32 (4')	Soluble	Solid	300.0	33911
880-18879-33	CS-33 (4')	Soluble	Solid	300.0	33911
880-18879-34	CS-34 (4')	Soluble	Solid	300.0	33911
880-18879-35	CS-35 (4')	Soluble	Solid	300.0	33911
880-18879-36	CS-36 (4')	Soluble	Solid	300.0	33911
880-18879-37	CS-37 (4')	Soluble	Solid	300.0	33911
880-18879-38	CS-38 (4')	Soluble	Solid	300.0	33911
880-18879-39	CS-39 (4')	Soluble	Solid	300.0	33911
880-18879-40	CS-40 (4')	Soluble	Solid	300.0	33911
MB 880-33911/1-A	Method Blank	Soluble	Solid	300.0	33911
LCS 880-33911/2-A	Lab Control Sample	Soluble	Solid	300.0	33911
LCSD 880-33911/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	33911
880-18879-21 MS	CS-21 (4')	Soluble	Solid	300.0	33911
880-18879-21 MSD	CS-21 (4')	Soluble	Solid	300.0	33911
880-18879-31 MS	CS-31 (4')	Soluble	Solid	300.0	33911
880-18879-31 MSD	CS-31 (4')	Soluble	Solid	300.0	33911

Analysis Batch: 34013

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-41	CS-41 (4')	Soluble	Solid	300.0	33912
880-18879-42	CS-42 (4')	Soluble	Solid	300.0	33912
880-18879-43	CS-43 (4')	Soluble	Solid	300.0	33912
880-18879-44	CS-44 (4')	Soluble	Solid	300.0	33912
880-18879-45	CS-45 (4')	Soluble	Solid	300.0	33912
880-18879-46	CS-46 (4')	Soluble	Solid	300.0	33912
880-18879-47	CS-47 (4')	Soluble	Solid	300.0	33912
880-18879-48	CS-48 (4')	Soluble	Solid	300.0	33912
880-18879-49	CS-49 (4')	Soluble	Solid	300.0	33912
880-18879-50	CS-50 (4')	Soluble	Solid	300.0	33912
880-18879-51	CS-51 (4')	Soluble	Solid	300.0	33912
880-18879-52	CS-52 (4')	Soluble	Solid	300.0	33912

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Analysis Batch: 34013 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-53	CS-53 (4')	Soluble	Solid	300.0	33912
880-18879-54	CS-54 (4')	Soluble	Solid	300.0	33912
880-18879-55	CS-55 (4')	Soluble	Solid	300.0	33912
880-18879-56	CS-56 (4')	Soluble	Solid	300.0	33912
880-18879-57	CS-57 (4')	Soluble	Solid	300.0	33912
880-18879-58	CS-58 (4')	Soluble	Solid	300.0	33912
880-18879-59	CS-59 (4')	Soluble	Solid	300.0	33912
880-18879-60	CS-60 (4')	Soluble	Solid	300.0	33912
MB 880-33912/1-A	Method Blank	Soluble	Solid	300.0	33912
LCS 880-33912/2-A	Lab Control Sample	Soluble	Solid	300.0	33912
LCSD 880-33912/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	33912
880-18879-41 MS	CS-41 (4')	Soluble	Solid	300.0	33912
880-18879-41 MSD	CS-41 (4')	Soluble	Solid	300.0	33912
880-18879-51 MS	CS-51 (4')	Soluble	Solid	300.0	33912
880-18879-51 MSD	CS-51 (4')	Soluble	Solid	300.0	33912

Analysis Batch: 34015

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-61	CS-61 (4')	Soluble	Solid	300.0	33913
880-18879-62	CS-62 (4')	Soluble	Solid	300.0	33913
880-18879-63	CS-63 (4')	Soluble	Solid	300.0	33913
880-18879-64	CS-64 (4')	Soluble	Solid	300.0	33913
880-18879-65	CS-65 (4')	Soluble	Solid	300.0	33913
880-18879-66	CS-66 (4')	Soluble	Solid	300.0	33913
880-18879-67	CS-67 (4')	Soluble	Solid	300.0	33913
880-18879-68	CS-68 (4')	Soluble	Solid	300.0	33913
880-18879-69	CS-69 (4')	Soluble	Solid	300.0	33913
880-18879-70	CS-70 (4')	Soluble	Solid	300.0	33913
880-18879-71	CS-71 (4')	Soluble	Solid	300.0	33913
880-18879-72	CS-72 (4')	Soluble	Solid	300.0	33913
880-18879-73	CS-73 (4')	Soluble	Solid	300.0	33913
880-18879-74	CS-74 (4')	Soluble	Solid	300.0	33913
880-18879-75	CS-75 (4')	Soluble	Solid	300.0	33913
880-18879-76	CS-76 (4')	Soluble	Solid	300.0	33913
880-18879-77	CS-77 (4')	Soluble	Solid	300.0	33913
880-18879-78	CS-78 (4')	Soluble	Solid	300.0	33913
880-18879-79	CS-79 (4')	Soluble	Solid	300.0	33913
880-18879-80	CS-80 (4')	Soluble	Solid	300.0	33913
MB 880-33913/1-A	Method Blank	Soluble	Solid	300.0	33913
LCS 880-33913/2-A	Lab Control Sample	Soluble	Solid	300.0	33913
LCSD 880-33913/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	33913
880-18879-61 MS	CS-61 (4')	Soluble	Solid	300.0	33913
880-18879-61 MSD	CS-61 (4')	Soluble	Solid	300.0	33913
880-18879-71 MS	CS-71 (4')	Soluble	Solid	300.0	33913
880-18879-71 MSD	CS-71 (4')	Soluble	Solid	300.0	33913

Analysis Batch: 34016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-81	CS-81 (4')	Soluble	Solid	300.0	33914
880-18879-82	CS-82 (4')	Soluble	Solid	300.0	33914
880-18879-83	CS-83 (4')	Soluble	Solid	300.0	33914

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Analysis Batch: 34016 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-84	CS-84 (4')	Soluble	Solid	300.0	33914
880-18879-85	CS-85 (4')	Soluble	Solid	300.0	33914
880-18879-86	CS-86 (4')	Soluble	Solid	300.0	33914
880-18879-87	CS-87 (4')	Soluble	Solid	300.0	33914
880-18879-88	CS-88 (4')	Soluble	Solid	300.0	33914
880-18879-89	CS-89 (4')	Soluble	Solid	300.0	33914
880-18879-90	CS-90 (4')	Soluble	Solid	300.0	33914
880-18879-91	CS-91 (4')	Soluble	Solid	300.0	33914
880-18879-92	CS-92 (4')	Soluble	Solid	300.0	33914
880-18879-93	CS-93 (4')	Soluble	Solid	300.0	33914
880-18879-94	CS-94 (4')	Soluble	Solid	300.0	33914
880-18879-95	CS-95 (4')	Soluble	Solid	300.0	33914
880-18879-96	CS-96 (4')	Soluble	Solid	300.0	33914
880-18879-97	CS-97 (4')	Soluble	Solid	300.0	33914
880-18879-98	CS-98 (4')	Soluble	Solid	300.0	33914
880-18879-99	CS-99 (4')	Soluble	Solid	300.0	33914
880-18879-100	CS-100 (4')	Soluble	Solid	300.0	33914
MB 880-33914/1-A	Method Blank	Soluble	Solid	300.0	33914
LCS 880-33914/2-A	Lab Control Sample	Soluble	Solid	300.0	33914
LCSD 880-33914/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	33914
880-18879-81 MS	CS-81 (4')	Soluble	Solid	300.0	33914
880-18879-81 MSD	CS-81 (4')	Soluble	Solid	300.0	33914
880-18879-91 MS	CS-91 (4')	Soluble	Solid	300.0	33914
880-18879-91 MSD	CS-91 (4')	Soluble	Solid	300.0	33914

Analysis Batch: 34018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-1	CS-1 (4')	Soluble	Solid	300.0	33907
880-18879-2	CS-2 (4')	Soluble	Solid	300.0	33907
880-18879-3	CS-3 (4')	Soluble	Solid	300.0	33907
880-18879-4	CS-4 (4')	Soluble	Solid	300.0	33907
880-18879-5	CS-5 (4')	Soluble	Solid	300.0	33907
880-18879-6	CS-6 (4')	Soluble	Solid	300.0	33907
880-18879-7	CS-7 (4')	Soluble	Solid	300.0	33907
880-18879-8	CS-8 (4')	Soluble	Solid	300.0	33907
880-18879-9	CS-9 (4')	Soluble	Solid	300.0	33907
880-18879-10	CS-10 (4')	Soluble	Solid	300.0	33907
880-18879-11	CS-11 (4')	Soluble	Solid	300.0	33907
880-18879-12	CS-12 (4')	Soluble	Solid	300.0	33907
880-18879-13	CS-13 (4')	Soluble	Solid	300.0	33907
880-18879-14	CS-14 (4')	Soluble	Solid	300.0	33907
880-18879-15	CS-15 (4')	Soluble	Solid	300.0	33907
880-18879-16	CS-16 (4')	Soluble	Solid	300.0	33907
880-18879-17	CS-17 (4')	Soluble	Solid	300.0	33907
880-18879-18	CS-18 (4')	Soluble	Solid	300.0	33907
880-18879-19	CS-19 (4')	Soluble	Solid	300.0	33907
880-18879-20	CS-20 (4')	Soluble	Solid	300.0	33907
MB 880-33907/1-A	Method Blank	Soluble	Solid	300.0	33907
LCS 880-33907/2-A	Lab Control Sample	Soluble	Solid	300.0	33907
LCSD 880-33907/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	33907
880-18879-1 MS	CS-1 (4')	Soluble	Solid	300.0	33907

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Analysis Batch: 34018 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18879-1 MSD	CS-1 (4')	Soluble	Solid	300.0	33907
880-18879-11 MS	CS-11 (4')	Soluble	Solid	300.0	33907
880-18879-11 MSD	CS-11 (4')	Soluble	Solid	300.0	33907

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- 14

Lab Chronicle

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-1 (4')

Lab Sample ID: 880-18879-1

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	34187	09/12/22 09:04	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34174	09/12/22 12:20	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33869	09/07/22 09:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33873	09/07/22 11:23	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	33907	09/07/22 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34018	09/09/22 00:10	CH	EET MID

Client Sample ID: CS-2 (4')

Lab Sample ID: 880-18879-2

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	34187	09/12/22 09:04	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34174	09/12/22 12:46	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33869	09/07/22 09:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33873	09/07/22 12:27	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	33907	09/07/22 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34018	09/09/22 00:24	CH	EET MID

Client Sample ID: CS-3 (4')

Lab Sample ID: 880-18879-3

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	34187	09/12/22 09:04	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34174	09/12/22 13:11	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	33869	09/07/22 09:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33873	09/07/22 12:49	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	33907	09/07/22 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34018	09/09/22 00:29	CH	EET MID

Client Sample ID: CS-4 (4')

Lab Sample ID: 880-18879-4

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	34187	09/12/22 09:04	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34174	09/12/22 13:37	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-4 (4')

Lab Sample ID: 880-18879-4

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	33869	09/07/22 09:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33873	09/07/22 13:10	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	33907	09/07/22 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34018	09/09/22 00:34	CH	EET MID

Client Sample ID: CS-5 (4')

Lab Sample ID: 880-18879-5

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	34187	09/12/22 09:04	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34174	09/12/22 14:02	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	33869	09/07/22 09:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33873	09/07/22 13:31	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	33907	09/07/22 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34018	09/09/22 00:39	CH	EET MID

Client Sample ID: CS-6 (4')

Lab Sample ID: 880-18879-6

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	34187	09/12/22 09:04	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34174	09/12/22 14:28	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33869	09/07/22 09:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33873	09/07/22 13:53	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	33907	09/07/22 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34018	09/09/22 00:53	CH	EET MID

Client Sample ID: CS-7 (4')

Lab Sample ID: 880-18879-7

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	34187	09/12/22 09:04	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34174	09/12/22 14:54	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	33869	09/07/22 09:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33873	09/07/22 14:14	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-7 (4')

Lab Sample ID: 880-18879-7

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	33907	09/07/22 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34018	09/09/22 00:58	CH	EET MID

Client Sample ID: CS-8 (4')

Lab Sample ID: 880-18879-8

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	34187	09/12/22 09:04	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34174	09/12/22 15:19	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33869	09/07/22 09:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33873	09/07/22 14:36	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	33907	09/07/22 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34018	09/09/22 01:03	CH	EET MID

Client Sample ID: CS-9 (4')

Lab Sample ID: 880-18879-9

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	34187	09/12/22 09:04	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34174	09/12/22 15:45	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	33869	09/07/22 09:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33873	09/07/22 14:57	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	33907	09/07/22 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34018	09/09/22 01:08	CH	EET MID

Client Sample ID: CS-10 (4')

Lab Sample ID: 880-18879-10

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	34187	09/12/22 09:04	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34174	09/12/22 16:11	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33869	09/07/22 09:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33873	09/07/22 15:19	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	33907	09/07/22 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34018	09/09/22 01:13	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-11 (4')

Lab Sample ID: 880-18879-11

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	34187	09/12/22 09:04	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34174	09/12/22 17:53	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33869	09/07/22 09:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33873	09/07/22 16:02	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	33907	09/07/22 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34018	09/09/22 01:17	CH	EET MID

Client Sample ID: CS-12 (4')

Lab Sample ID: 880-18879-12

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	34187	09/12/22 09:04	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34174	09/12/22 18:18	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33869	09/07/22 09:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33873	09/07/22 16:24	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	33907	09/07/22 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34018	09/09/22 01:32	CH	EET MID

Client Sample ID: CS-13 (4')

Lab Sample ID: 880-18879-13

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	34187	09/12/22 09:04	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34174	09/12/22 18:44	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	33869	09/07/22 09:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33873	09/07/22 16:45	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	33907	09/07/22 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34018	09/09/22 01:37	CH	EET MID

Client Sample ID: CS-14 (4')

Lab Sample ID: 880-18879-14

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	34187	09/12/22 09:04	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34174	09/12/22 19:10	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-14 (4')

Lab Sample ID: 880-18879-14

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33869	09/07/22 09:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33873	09/07/22 17:07	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	33907	09/07/22 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34018	09/09/22 01:51	CH	EET MID

Client Sample ID: CS-15 (4')

Lab Sample ID: 880-18879-15

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	34187	09/12/22 09:04	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34174	09/12/22 19:35	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33869	09/07/22 09:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33873	09/07/22 17:28	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	33907	09/07/22 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34018	09/09/22 02:13	CH	EET MID

Client Sample ID: CS-16 (4')

Lab Sample ID: 880-18879-16

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	34187	09/12/22 09:04	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34174	09/12/22 20:01	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	33869	09/07/22 09:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33873	09/07/22 17:50	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	33907	09/07/22 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34018	09/09/22 01:56	CH	EET MID

Client Sample ID: CS-17 (4')

Lab Sample ID: 880-18879-17

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	34187	09/12/22 09:04	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34174	09/12/22 20:26	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33869	09/07/22 09:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33873	09/07/22 18:11	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-17 (4')

Lab Sample ID: 880-18879-17

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	33907	09/07/22 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34018	09/09/22 02:01	CH	EET MID

Client Sample ID: CS-18 (4')

Lab Sample ID: 880-18879-18

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	34187	09/12/22 09:04	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34174	09/12/22 20:52	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	33869	09/07/22 09:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33873	09/07/22 18:33	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	33907	09/07/22 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34018	09/09/22 02:06	CH	EET MID

Client Sample ID: CS-19 (4')

Lab Sample ID: 880-18879-19

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	34187	09/12/22 09:04	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34174	09/12/22 21:17	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33869	09/07/22 09:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33873	09/07/22 18:54	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	33907	09/07/22 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34018	09/09/22 07:55	CH	EET MID

Client Sample ID: CS-20 (4')

Lab Sample ID: 880-18879-20

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	34187	09/12/22 09:04	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34174	09/12/22 21:43	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33869	09/07/22 09:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33873	09/07/22 19:16	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	33907	09/07/22 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34018	09/09/22 08:00	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-21 (4')

Lab Sample ID: 880-18879-21

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	34188	09/12/22 09:11	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34174	09/13/22 01:31	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33870	09/07/22 08:28	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33875	09/07/22 21:03	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	33911	09/07/22 10:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34012	09/08/22 20:11	CH	EET MID

Client Sample ID: CS-22 (4')

Lab Sample ID: 880-18879-22

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	34188	09/12/22 09:11	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34174	09/13/22 01:56	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33870	09/07/22 08:28	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33875	09/07/22 22:07	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	33911	09/07/22 10:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34012	09/08/22 20:38	CH	EET MID

Client Sample ID: CS-23 (4')

Lab Sample ID: 880-18879-23

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	34188	09/12/22 09:11	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34174	09/13/22 02:21	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	33870	09/07/22 08:28	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33875	09/07/22 22:28	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	33911	09/07/22 10:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34012	09/08/22 20:48	CH	EET MID

Client Sample ID: CS-24 (4')

Lab Sample ID: 880-18879-24

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	34188	09/12/22 09:11	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34174	09/13/22 02:46	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-24 (4')

Lab Sample ID: 880-18879-24

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	33870	09/07/22 08:28	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33875	09/07/22 22:50	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	33911	09/07/22 10:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34012	09/08/22 20:57	CH	EET MID

Client Sample ID: CS-25 (4')

Lab Sample ID: 880-18879-25

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	34188	09/12/22 09:11	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34174	09/13/22 03:11	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	33870	09/07/22 08:28	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33875	09/07/22 23:12	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	33911	09/07/22 10:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34012	09/08/22 21:06	CH	EET MID

Client Sample ID: CS-26 (4')

Lab Sample ID: 880-18879-26

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	34188	09/12/22 09:11	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34174	09/13/22 03:36	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33870	09/07/22 08:28	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33875	09/07/22 23:33	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	33911	09/07/22 10:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34012	09/08/22 21:34	CH	EET MID

Client Sample ID: CS-27 (4')

Lab Sample ID: 880-18879-27

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	34188	09/12/22 09:11	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34174	09/13/22 04:01	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	33870	09/07/22 08:28	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33875	09/07/22 23:55	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-27 (4')

Lab Sample ID: 880-18879-27

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	33911	09/07/22 10:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34012	09/08/22 21:43	CH	EET MID

Client Sample ID: CS-28 (4')

Lab Sample ID: 880-18879-28

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	34188	09/12/22 09:11	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34174	09/13/22 04:27	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33870	09/07/22 08:28	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33875	09/08/22 00:16	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	33911	09/07/22 10:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34012	09/08/22 21:52	CH	EET MID

Client Sample ID: CS-29 (4')

Lab Sample ID: 880-18879-29

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	34188	09/12/22 09:11	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34174	09/13/22 04:52	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33870	09/07/22 08:28	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33875	09/08/22 00:37	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	33911	09/07/22 10:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34012	09/08/22 22:01	CH	EET MID

Client Sample ID: CS-30 (4')

Lab Sample ID: 880-18879-30

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	34188	09/12/22 09:11	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34174	09/13/22 05:17	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33870	09/07/22 08:28	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33875	09/08/22 00:58	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	33911	09/07/22 10:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34012	09/08/22 22:10	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-31 (4')

Lab Sample ID: 880-18879-31

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	34188	09/12/22 09:11	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34174	09/13/22 06:59	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33870	09/07/22 08:28	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33875	09/08/22 01:41	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	33911	09/07/22 10:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34012	09/08/22 22:20	CH	EET MID

Client Sample ID: CS-32 (4')

Lab Sample ID: 880-18879-32

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	34188	09/12/22 09:11	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34174	09/13/22 07:25	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33870	09/07/22 08:28	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33875	09/08/22 02:02	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	33911	09/07/22 10:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34012	09/08/22 22:47	CH	EET MID

Client Sample ID: CS-33 (4')

Lab Sample ID: 880-18879-33

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	34188	09/12/22 09:11	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34174	09/13/22 07:51	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33870	09/07/22 08:28	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33875	09/08/22 02:23	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	33911	09/07/22 10:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34012	09/08/22 22:57	CH	EET MID

Client Sample ID: CS-34 (4')

Lab Sample ID: 880-18879-34

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	34188	09/12/22 09:11	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34174	09/13/22 08:17	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-34 (4')

Lab Sample ID: 880-18879-34

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33870	09/07/22 08:28	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33875	09/08/22 02:44	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	33911	09/07/22 10:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34012	09/08/22 23:24	CH	EET MID

Client Sample ID: CS-35 (4')

Lab Sample ID: 880-18879-35

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	34188	09/12/22 09:11	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34174	09/13/22 08:49	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33870	09/07/22 08:28	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33875	09/08/22 03:05	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	33911	09/07/22 10:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34012	09/08/22 23:33	CH	EET MID

Client Sample ID: CS-36 (4')

Lab Sample ID: 880-18879-36

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	34188	09/12/22 09:11	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34174	09/13/22 09:15	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33870	09/07/22 08:28	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33875	09/08/22 03:26	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	33911	09/07/22 10:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34012	09/08/22 23:43	CH	EET MID

Client Sample ID: CS-37 (4')

Lab Sample ID: 880-18879-37

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	34188	09/12/22 09:11	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34174	09/13/22 09:41	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	33870	09/07/22 08:28	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33875	09/08/22 03:47	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-37 (4')

Lab Sample ID: 880-18879-37

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	33911	09/07/22 10:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34012	09/08/22 23:52	CH	EET MID

Client Sample ID: CS-38 (4')

Lab Sample ID: 880-18879-38

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	34188	09/12/22 09:11	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34174	09/13/22 10:06	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	33870	09/07/22 08:28	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33875	09/08/22 04:08	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	33911	09/07/22 10:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34012	09/09/22 00:01	CH	EET MID

Client Sample ID: CS-39 (4')

Lab Sample ID: 880-18879-39

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	34188	09/12/22 09:11	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34174	09/13/22 10:32	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33870	09/07/22 08:28	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33875	09/08/22 04:29	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	33911	09/07/22 10:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34012	09/09/22 00:10	CH	EET MID

Client Sample ID: CS-40 (4')

Lab Sample ID: 880-18879-40

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	34188	09/12/22 09:11	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34174	09/13/22 10:58	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33870	09/07/22 08:28	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33875	09/08/22 04:50	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	33911	09/07/22 10:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34012	09/09/22 00:19	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-41 (4')

Lab Sample ID: 880-18879-41

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	34195	09/12/22 09:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34301	09/13/22 07:51	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33934	09/07/22 14:59	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33873	09/07/22 21:03	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	33912	09/07/22 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34013	09/09/22 01:33	CH	EET MID

Client Sample ID: CS-42 (4')

Lab Sample ID: 880-18879-42

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	34195	09/12/22 09:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34301	09/13/22 08:11	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33934	09/07/22 14:59	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33873	09/07/22 22:07	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	33912	09/07/22 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34013	09/09/22 02:01	CH	EET MID

Client Sample ID: CS-43 (4')

Lab Sample ID: 880-18879-43

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	34195	09/12/22 09:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34301	09/13/22 08:50	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	33934	09/07/22 14:59	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33873	09/07/22 22:28	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	33912	09/07/22 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34013	09/09/22 02:10	CH	EET MID

Client Sample ID: CS-44 (4')

Lab Sample ID: 880-18879-44

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	34195	09/12/22 09:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34301	09/13/22 09:10	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-44 (4')

Lab Sample ID: 880-18879-44

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	33934	09/07/22 14:59	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33873	09/07/22 22:50	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	33912	09/07/22 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34013	09/09/22 02:19	CH	EET MID

Client Sample ID: CS-45 (4')

Lab Sample ID: 880-18879-45

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	34195	09/12/22 09:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34301	09/13/22 09:31	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	33934	09/07/22 14:59	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33873	09/07/22 23:12	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	33912	09/07/22 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34013	09/09/22 02:28	CH	EET MID

Client Sample ID: CS-46 (4')

Lab Sample ID: 880-18879-46

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	34195	09/12/22 09:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34301	09/13/22 09:51	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33934	09/07/22 14:59	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33873	09/07/22 23:33	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	33912	09/07/22 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34013	09/09/22 02:56	CH	EET MID

Client Sample ID: CS-47 (4')

Lab Sample ID: 880-18879-47

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	34195	09/12/22 09:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34301	09/13/22 10:12	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	33934	09/07/22 14:59	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33873	09/07/22 23:55	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-47 (4')

Lab Sample ID: 880-18879-47

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	33912	09/07/22 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34013	09/09/22 03:05	CH	EET MID

Client Sample ID: CS-48 (4')

Lab Sample ID: 880-18879-48

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	34195	09/12/22 09:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34301	09/13/22 10:32	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33934	09/07/22 14:59	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33873	09/08/22 00:16	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	33912	09/07/22 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34013	09/09/22 03:14	CH	EET MID

Client Sample ID: CS-49 (4')

Lab Sample ID: 880-18879-49

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	34195	09/12/22 09:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34301	09/13/22 10:53	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33934	09/07/22 14:59	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33873	09/08/22 00:37	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	33912	09/07/22 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34013	09/09/22 03:24	CH	EET MID

Client Sample ID: CS-50 (4')

Lab Sample ID: 880-18879-50

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	34195	09/12/22 09:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34301	09/13/22 11:13	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33934	09/07/22 14:59	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33873	09/08/22 00:58	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	33912	09/07/22 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34013	09/09/22 03:33	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-51 (4')

Lab Sample ID: 880-18879-51

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	34195	09/12/22 09:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34301	09/13/22 13:04	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33934	09/07/22 14:59	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33873	09/08/22 01:41	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	33912	09/07/22 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34013	09/09/22 03:42	CH	EET MID

Client Sample ID: CS-52 (4')

Lab Sample ID: 880-18879-52

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	34195	09/12/22 09:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34301	09/13/22 13:24	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33934	09/07/22 14:59	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33873	09/08/22 02:02	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	33912	09/07/22 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34013	09/09/22 04:10	CH	EET MID

Client Sample ID: CS-53 (4')

Lab Sample ID: 880-18879-53

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	34195	09/12/22 09:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34301	09/13/22 13:45	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33934	09/07/22 14:59	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33873	09/08/22 02:23	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	33912	09/07/22 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34013	09/09/22 04:19	CH	EET MID

Client Sample ID: CS-54 (4')

Lab Sample ID: 880-18879-54

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	34195	09/12/22 09:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34301	09/13/22 14:05	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-54 (4')

Lab Sample ID: 880-18879-54

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33934	09/07/22 14:59	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33873	09/08/22 02:44	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	33912	09/07/22 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34013	09/09/22 04:47	CH	EET MID

Client Sample ID: CS-55 (4')

Lab Sample ID: 880-18879-55

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	34195	09/12/22 09:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34301	09/13/22 14:25	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33934	09/07/22 14:59	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33873	09/08/22 03:05	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	33912	09/07/22 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34013	09/09/22 04:56	CH	EET MID

Client Sample ID: CS-56 (4')

Lab Sample ID: 880-18879-56

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	34195	09/12/22 09:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34301	09/13/22 14:46	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33934	09/07/22 14:59	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33873	09/08/22 03:26	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	33912	09/07/22 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34013	09/09/22 05:05	CH	EET MID

Client Sample ID: CS-57 (4')

Lab Sample ID: 880-18879-57

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	34195	09/12/22 09:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34301	09/13/22 15:06	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	33934	09/07/22 14:59	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33873	09/08/22 03:47	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-57 (4')

Lab Sample ID: 880-18879-57

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	33912	09/07/22 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34013	09/09/22 05:14	CH	EET MID

Client Sample ID: CS-58 (4')

Lab Sample ID: 880-18879-58

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	34195	09/12/22 09:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34301	09/13/22 15:27	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	33934	09/07/22 14:59	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33873	09/08/22 04:08	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	33912	09/07/22 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34013	09/09/22 05:24	CH	EET MID

Client Sample ID: CS-59 (4')

Lab Sample ID: 880-18879-59

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	34195	09/12/22 09:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34301	09/13/22 15:47	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33934	09/07/22 14:59	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33873	09/08/22 04:29	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	33912	09/07/22 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34013	09/09/22 05:33	CH	EET MID

Client Sample ID: CS-60 (4')

Lab Sample ID: 880-18879-60

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	34195	09/12/22 09:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34301	09/13/22 16:07	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33934	09/07/22 14:59	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33873	09/08/22 04:50	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	33912	09/07/22 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34013	09/09/22 05:42	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-61 (4')

Lab Sample ID: 880-18879-61

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	34216	09/12/22 09:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34384	09/13/22 14:56	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33953	09/07/22 16:44	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33879	09/07/22 21:13	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	33913	09/07/22 10:40	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34015	09/09/22 09:32	CH	EET MID

Client Sample ID: CS-62 (4')

Lab Sample ID: 880-18879-62

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	34216	09/12/22 09:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34384	09/13/22 15:22	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33953	09/07/22 16:44	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33879	09/07/22 22:15	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	33913	09/07/22 10:40	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34015	09/09/22 09:47	CH	EET MID

Client Sample ID: CS-63 (4')

Lab Sample ID: 880-18879-63

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	34216	09/12/22 09:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34384	09/13/22 15:47	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	33953	09/07/22 16:44	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33879	09/07/22 22:35	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	33913	09/07/22 10:40	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34015	09/09/22 09:51	CH	EET MID

Client Sample ID: CS-64 (4')

Lab Sample ID: 880-18879-64

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	34216	09/12/22 09:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34384	09/13/22 16:13	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-64 (4')

Lab Sample ID: 880-18879-64

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	33953	09/07/22 16:44	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33879	09/07/22 22:55	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	33913	09/07/22 10:40	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34015	09/09/22 09:56	CH	EET MID

Client Sample ID: CS-65 (4')

Lab Sample ID: 880-18879-65

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	34216	09/12/22 09:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34384	09/13/22 16:38	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	33953	09/07/22 16:44	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33879	09/07/22 23:15	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	33913	09/07/22 10:40	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34015	09/09/22 10:01	CH	EET MID

Client Sample ID: CS-66 (4')

Lab Sample ID: 880-18879-66

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	34216	09/12/22 09:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34384	09/13/22 17:04	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33953	09/07/22 16:44	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33879	09/07/22 23:36	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	33913	09/07/22 10:40	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34015	09/09/22 10:16	CH	EET MID

Client Sample ID: CS-67 (4')

Lab Sample ID: 880-18879-67

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	34216	09/12/22 09:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34384	09/13/22 17:29	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	33953	09/07/22 16:44	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33879	09/07/22 23:56	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-67 (4')

Lab Sample ID: 880-18879-67

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	33913	09/07/22 10:40	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34015	09/09/22 10:21	CH	EET MID

Client Sample ID: CS-68 (4')

Lab Sample ID: 880-18879-68

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	34216	09/12/22 09:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34384	09/13/22 17:55	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33953	09/07/22 16:44	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33879	09/08/22 00:15	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	33913	09/07/22 10:40	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34015	09/09/22 10:25	CH	EET MID

Client Sample ID: CS-69 (4')

Lab Sample ID: 880-18879-69

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	34216	09/12/22 09:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34384	09/13/22 18:20	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33953	09/07/22 16:44	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33879	09/08/22 00:35	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	33913	09/07/22 10:40	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34015	09/09/22 10:30	CH	EET MID

Client Sample ID: CS-70 (4')

Lab Sample ID: 880-18879-70

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	34216	09/12/22 09:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34384	09/13/22 18:46	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33953	09/07/22 16:44	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33879	09/08/22 00:55	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	33913	09/07/22 10:40	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34015	09/09/22 10:35	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-71 (4')

Lab Sample ID: 880-18879-71

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	34216	09/12/22 09:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34384	09/13/22 20:29	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33953	09/07/22 16:44	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33879	09/08/22 01:35	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	33913	09/07/22 10:40	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34015	09/09/22 10:40	CH	EET MID

Client Sample ID: CS-72 (4')

Lab Sample ID: 880-18879-72

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	34216	09/12/22 09:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34384	09/13/22 20:55	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33953	09/07/22 16:44	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33879	09/08/22 01:55	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	33913	09/07/22 10:40	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34015	09/09/22 10:55	CH	EET MID

Client Sample ID: CS-73 (4')

Lab Sample ID: 880-18879-73

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	34216	09/12/22 09:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34384	09/13/22 21:20	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33953	09/07/22 16:44	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33879	09/08/22 02:14	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	33913	09/07/22 10:40	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34015	09/09/22 11:00	CH	EET MID

Client Sample ID: CS-74 (4')

Lab Sample ID: 880-18879-74

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	34216	09/12/22 09:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34384	09/13/22 21:46	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-74 (4')

Lab Sample ID: 880-18879-74

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33953	09/07/22 16:44	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33879	09/08/22 02:34	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	33913	09/07/22 10:40	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34015	09/09/22 11:14	CH	EET MID

Client Sample ID: CS-75 (4')

Lab Sample ID: 880-18879-75

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	34216	09/12/22 09:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34384	09/13/22 22:12	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33953	09/07/22 16:44	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33879	09/08/22 02:54	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	33913	09/07/22 10:40	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34015	09/09/22 11:19	CH	EET MID

Client Sample ID: CS-76 (4')

Lab Sample ID: 880-18879-76

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	34216	09/12/22 09:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34384	09/13/22 22:37	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33953	09/07/22 16:44	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33879	09/08/22 03:13	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	33913	09/07/22 10:40	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34015	09/09/22 11:43	CH	EET MID

Client Sample ID: CS-77 (4')

Lab Sample ID: 880-18879-77

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	34216	09/12/22 09:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34384	09/13/22 23:03	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	33953	09/07/22 16:44	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33879	09/08/22 03:34	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-77 (4')

Lab Sample ID: 880-18879-77

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	33913	09/07/22 10:40	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34015	09/09/22 11:24	CH	EET MID

Client Sample ID: CS-78 (4')

Lab Sample ID: 880-18879-78

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	34216	09/12/22 09:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34384	09/13/22 23:29	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	33953	09/07/22 16:44	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33879	09/08/22 03:53	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	33913	09/07/22 10:40	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34015	09/09/22 11:29	CH	EET MID

Client Sample ID: CS-79 (4')

Lab Sample ID: 880-18879-79

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	34216	09/12/22 09:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34384	09/13/22 23:54	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33953	09/07/22 16:44	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33879	09/08/22 04:13	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	33913	09/07/22 10:40	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34015	09/09/22 11:34	CH	EET MID

Client Sample ID: CS-80 (4')

Lab Sample ID: 880-18879-80

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	34216	09/12/22 09:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34384	09/14/22 00:20	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33953	09/07/22 16:44	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33879	09/08/22 04:33	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	33913	09/07/22 10:40	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34015	09/09/22 11:38	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-81 (4')

Lab Sample ID: 880-18879-81

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	34264	09/12/22 10:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34441	09/14/22 12:30	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33978	09/08/22 08:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33968	09/08/22 10:46	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	33914	09/07/22 10:42	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34016	09/08/22 18:39	CH	EET MID

Client Sample ID: CS-82 (4')

Lab Sample ID: 880-18879-82

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	34264	09/12/22 10:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34441	09/14/22 12:50	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33978	09/08/22 08:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33968	09/08/22 11:50	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	33914	09/07/22 10:42	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34016	09/08/22 18:53	CH	EET MID

Client Sample ID: CS-83 (4')

Lab Sample ID: 880-18879-83

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	34264	09/12/22 10:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34441	09/14/22 13:11	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	33978	09/08/22 08:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33968	09/08/22 12:12	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	33914	09/07/22 10:42	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34016	09/08/22 18:58	CH	EET MID

Client Sample ID: CS-84 (4')

Lab Sample ID: 880-18879-84

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	34264	09/12/22 10:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34441	09/14/22 13:31	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-84 (4')

Lab Sample ID: 880-18879-84

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	33978	09/08/22 08:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33968	09/08/22 12:33	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	33914	09/07/22 10:42	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34016	09/08/22 19:03	CH	EET MID

Client Sample ID: CS-85 (4')

Lab Sample ID: 880-18879-85

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	34264	09/12/22 10:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34441	09/14/22 13:52	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	33978	09/08/22 08:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33968	09/08/22 12:55	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	33914	09/07/22 10:42	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34016	09/08/22 19:08	CH	EET MID

Client Sample ID: CS-86 (4')

Lab Sample ID: 880-18879-86

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	34264	09/12/22 10:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34441	09/14/22 14:12	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33978	09/08/22 08:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33968	09/08/22 13:17	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	33914	09/07/22 10:42	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34016	09/08/22 19:22	CH	EET MID

Client Sample ID: CS-87 (4')

Lab Sample ID: 880-18879-87

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	34264	09/12/22 10:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34441	09/14/22 14:32	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	33978	09/08/22 08:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33968	09/08/22 13:38	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-87 (4')

Lab Sample ID: 880-18879-87

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	33914	09/07/22 10:42	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34016	09/08/22 19:27	CH	EET MID

Client Sample ID: CS-88 (4')

Lab Sample ID: 880-18879-88

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	34264	09/12/22 10:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34441	09/14/22 14:53	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33978	09/08/22 08:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33968	09/08/22 14:00	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	33914	09/07/22 10:42	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34016	09/08/22 19:32	CH	EET MID

Client Sample ID: CS-89 (4')

Lab Sample ID: 880-18879-89

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	34264	09/12/22 10:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34441	09/14/22 15:13	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33978	09/08/22 08:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33968	09/08/22 14:22	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	33914	09/07/22 10:42	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34016	09/08/22 19:37	CH	EET MID

Client Sample ID: CS-90 (4')

Lab Sample ID: 880-18879-90

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	34264	09/12/22 10:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34441	09/14/22 15:34	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33978	09/08/22 08:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33968	09/08/22 14:43	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	33914	09/07/22 10:42	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34016	09/08/22 19:42	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-91 (4')

Lab Sample ID: 880-18879-91

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	34178	09/14/22 08:38	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34384	09/14/22 09:50	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33978	09/08/22 08:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33968	09/08/22 15:26	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	33914	09/07/22 10:42	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34016	09/08/22 19:47	CH	EET MID

Client Sample ID: CS-92 (4')

Lab Sample ID: 880-18879-92

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	34178	09/14/22 08:38	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34384	09/14/22 10:16	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33978	09/08/22 08:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33968	09/08/22 15:48	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	33914	09/07/22 10:42	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34016	09/08/22 20:01	CH	EET MID

Client Sample ID: CS-93 (4')

Lab Sample ID: 880-18879-93

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	34178	09/14/22 08:38	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34384	09/14/22 10:41	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33978	09/08/22 08:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33968	09/08/22 16:09	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	33914	09/07/22 10:42	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34016	09/08/22 20:06	CH	EET MID

Client Sample ID: CS-94 (4')

Lab Sample ID: 880-18879-94

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	34178	09/14/22 08:38	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34384	09/14/22 11:07	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-94 (4')

Lab Sample ID: 880-18879-94

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33978	09/08/22 08:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33968	09/08/22 16:31	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	33914	09/07/22 10:42	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34016	09/08/22 20:21	CH	EET MID

Client Sample ID: CS-95 (4')

Lab Sample ID: 880-18879-95

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	34178	09/14/22 08:38	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34384	09/14/22 11:33	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	33978	09/08/22 08:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33968	09/08/22 16:52	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	33914	09/07/22 10:42	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34016	09/08/22 20:26	CH	EET MID

Client Sample ID: CS-96 (4')

Lab Sample ID: 880-18879-96

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	34178	09/14/22 08:38	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34384	09/14/22 11:59	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33978	09/08/22 08:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33968	09/08/22 17:14	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	33914	09/07/22 10:42	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34016	09/08/22 20:30	CH	EET MID

Client Sample ID: CS-97 (4')

Lab Sample ID: 880-18879-97

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	34178	09/14/22 08:38	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34384	09/14/22 12:24	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33978	09/08/22 08:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33968	09/08/22 17:35	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-97 (4')

Lab Sample ID: 880-18879-97

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	33914	09/07/22 10:42	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34016	09/08/22 20:35	CH	EET MID

Client Sample ID: CS-98 (4')

Lab Sample ID: 880-18879-98

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	34178	09/14/22 08:38	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34384	09/14/22 12:50	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33978	09/08/22 08:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33968	09/08/22 17:57	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	33914	09/07/22 10:42	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34016	09/08/22 20:40	CH	EET MID

Client Sample ID: CS-99 (4')

Lab Sample ID: 880-18879-99

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	34178	09/14/22 08:38	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34384	09/14/22 13:15	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33978	09/08/22 08:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33968	09/08/22 18:18	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	33914	09/07/22 10:42	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34016	09/08/22 20:45	CH	EET MID

Client Sample ID: CS-100 (4')

Lab Sample ID: 880-18879-100

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	34178	09/14/22 08:38	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34384	09/14/22 13:41	MR	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33978	09/08/22 08:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33968	09/08/22 18:40	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	33914	09/07/22 10:42	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	34016	09/08/22 20:50	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: CS-101 (4')

Lab Sample ID: 880-18879-101

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	34272	09/12/22 10:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34340	09/13/22 22:09	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33979	09/08/22 08:45	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33970	09/08/22 13:17	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	33918	09/07/22 10:44	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33940	09/08/22 09:03	CH	EET MID

Client Sample ID: SW-1 (4')

Lab Sample ID: 880-18879-102

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	34272	09/12/22 10:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34340	09/13/22 22:29	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	33979	09/08/22 08:45	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33970	09/08/22 13:38	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	33918	09/07/22 10:44	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33940	09/08/22 09:13	CH	EET MID

Client Sample ID: SW-2 (4')

Lab Sample ID: 880-18879-103

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	34272	09/12/22 10:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34340	09/13/22 22:49	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33979	09/08/22 08:45	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33970	09/08/22 14:00	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	33918	09/07/22 10:44	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33940	09/08/22 09:22	CH	EET MID

Client Sample ID: SW-3 (4')

Lab Sample ID: 880-18879-104

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	34272	09/12/22 10:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34340	09/13/22 23:10	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: SW-3 (4')

Lab Sample ID: 880-18879-104

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33979	09/08/22 08:45	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33970	09/08/22 14:22	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	33918	09/07/22 10:44	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33940	09/08/22 09:31	CH	EET MID

Client Sample ID: SW-4 (4')

Lab Sample ID: 880-18879-105

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	34272	09/12/22 10:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34340	09/13/22 23:30	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33979	09/08/22 08:45	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33970	09/08/22 14:43	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	33918	09/07/22 10:44	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33940	09/08/22 09:40	CH	EET MID

Client Sample ID: SW-5 (4')

Lab Sample ID: 880-18879-106

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	34272	09/12/22 10:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34340	09/13/22 23:51	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33979	09/08/22 08:45	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33970	09/08/22 15:26	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	33918	09/07/22 10:44	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33940	09/08/22 09:49	CH	EET MID

Client Sample ID: SW-6 (4')

Lab Sample ID: 880-18879-107

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	34272	09/12/22 10:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34340	09/14/22 00:11	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33979	09/08/22 08:45	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33970	09/08/22 15:48	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: SW-6 (4')

Lab Sample ID: 880-18879-107

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	33918	09/07/22 10:44	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33940	09/08/22 10:17	CH	EET MID

Client Sample ID: SW-7 (4')

Lab Sample ID: 880-18879-108

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	34272	09/12/22 10:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34340	09/14/22 00:32	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33979	09/08/22 08:45	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33970	09/08/22 16:09	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	33918	09/07/22 10:44	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33940	09/08/22 10:26	CH	EET MID

Client Sample ID: SW-8 (4')

Lab Sample ID: 880-18879-109

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	34272	09/12/22 10:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34340	09/14/22 00:52	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33979	09/08/22 08:45	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33970	09/08/22 16:31	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	33918	09/07/22 10:44	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33940	09/08/22 10:54	CH	EET MID

Client Sample ID: SW-9 (4')

Lab Sample ID: 880-18879-110

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	34272	09/12/22 10:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34340	09/14/22 01:13	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33979	09/08/22 08:45	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33970	09/08/22 16:52	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	33918	09/07/22 10:44	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33940	09/08/22 11:04	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Client Sample ID: SW-10 (4')

Lab Sample ID: 880-18879-111

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	34272	09/12/22 10:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34340	09/14/22 02:35	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33979	09/08/22 08:45	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33970	09/08/22 17:14	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	33918	09/07/22 10:44	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33940	09/08/22 11:13	CH	EET MID

Client Sample ID: SW-11 (4')

Lab Sample ID: 880-18879-112

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	34272	09/12/22 10:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34340	09/14/22 02:56	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33979	09/08/22 08:45	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33970	09/08/22 17:35	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	33918	09/07/22 10:44	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33940	09/08/22 11:22	CH	EET MID

Client Sample ID: SW-12 (4')

Lab Sample ID: 880-18879-113

Date Collected: 09/06/22 00:00

Matrix: Solid

Date Received: 09/07/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	34272	09/12/22 10:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	34340	09/14/22 03:16	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			34313	09/12/22 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			33997	09/08/22 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33979	09/08/22 08:45	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33970	09/08/22 17:57	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	33918	09/07/22 10:44	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33940	09/08/22 11:31	CH	EET MID

Laboratory References:

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

Eurofins Midland

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-24	06-30-23

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

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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

Method Summary

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

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

Protocol References:

ASTM = ASTM International

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

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources

Job ID: 880-18879-1

Project/Site: Silverback Federal B2 Tank Battery

SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-18879-1	CS-1 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-2	CS-2 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-3	CS-3 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-4	CS-4 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-5	CS-5 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-6	CS-6 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-7	CS-7 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-8	CS-8 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-9	CS-9 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-10	CS-10 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-11	CS-11 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-12	CS-12 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-13	CS-13 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-14	CS-14 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-15	CS-15 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-16	CS-16 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-17	CS-17 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-18	CS-18 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-19	CS-19 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-20	CS-20 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-21	CS-21 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-22	CS-22 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-23	CS-23 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-24	CS-24 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-25	CS-25 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-26	CS-26 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-27	CS-27 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-28	CS-28 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-29	CS-29 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-30	CS-30 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-31	CS-31 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-32	CS-32 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-33	CS-33 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-34	CS-34 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-35	CS-35 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-36	CS-36 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-37	CS-37 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-38	CS-38 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-39	CS-39 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-40	CS-40 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-41	CS-41 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-42	CS-42 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-43	CS-43 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-44	CS-44 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-45	CS-45 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-46	CS-46 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-47	CS-47 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-48	CS-48 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-49	CS-49 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-50	CS-50 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-51	CS-51 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-52	CS-52 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-53	CS-53 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-54	CS-54 (4')	Solid	09/06/22 00:00	09/07/22 08:28

Sample Summary

Client: Carmona Resources

Job ID: 880-18879-1

Project/Site: Silverback Federal B2 Tank Battery

SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-18879-55	CS-55 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-56	CS-56 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-57	CS-57 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-58	CS-58 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-59	CS-59 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-60	CS-60 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-61	CS-61 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-62	CS-62 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-63	CS-63 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-64	CS-64 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-65	CS-65 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-66	CS-66 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-67	CS-67 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-68	CS-68 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-69	CS-69 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-70	CS-70 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-71	CS-71 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-72	CS-72 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-73	CS-73 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-74	CS-74 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-75	CS-75 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-76	CS-76 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-77	CS-77 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-78	CS-78 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-79	CS-79 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-80	CS-80 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-81	CS-81 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-82	CS-82 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-83	CS-83 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-84	CS-84 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-85	CS-85 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-86	CS-86 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-87	CS-87 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-88	CS-88 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-89	CS-89 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-90	CS-90 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-91	CS-91 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-92	CS-92 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-93	CS-93 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-94	CS-94 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-95	CS-95 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-96	CS-96 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-97	CS-97 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-98	CS-98 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-99	CS-99 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-100	CS-100 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-101	CS-101 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-102	SW-1 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-103	SW-2 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-104	SW-3 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-105	SW-4 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-106	SW-5 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-107	SW-6 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-108	SW-7 (4')	Solid	09/06/22 00:00	09/07/22 08:28

Sample Summary

Client: Carmona Resources
Project/Site: Silverback Federal B2 Tank Battery

Job ID: 880-18879-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-18879-109	SW-8 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-110	SW-9 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-111	SW-10 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-112	SW-11 (4')	Solid	09/06/22 00:00	09/07/22 08:28
880-18879-113	SW-12 (4')	Solid	09/06/22 00:00	09/07/22 08:28

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Work Order No: 188791

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Project Manager	Clinton Merritt	Bill to (if different)	James Adams
Company Name	Carmoma Resources	Company Name	Haz Mat Special Services
Address	310 W Wall St Ste 415	Address	918 W Marshall Drive
City, State ZIP	Midland, TX 79701	City, State ZIP	Grand Prairie, TX 75051
Phone	432-813-6823	Email	jadams@hazmatspecialservices.com

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

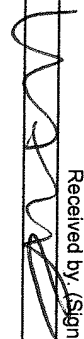
Project Name	Silverback Federal B2 Tank Battery	Turn Around	☐ Routine ☒ Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number	1116	Due Date	72 hr														None NO	DI Water H ₂ O
Project Location	Eddy Co, NM																Cool Cool	MeOH Me
Sampler's Name	CCM																HCL HC	HNO ₃ HN
PO #																	H ₂ SO ₄ H ₂	NaOH Na
SAMPLE RECEIPT	Temp Blank	Yes ☒ No ☐	Thermometer ID	Yes ☒ No ☐	Wet Ice	Yes ☒ No ☐											H ₃ PO ₄ HP	
Received Intact:	Yes ☒ No ☐																NaHSO ₄ NABIS	
Cooler Custody Seals	Yes ☒ No ☐ N/A																Na ₂ S ₂ O ₃ NaSO ₃	
Sample Custody Seals	Yes ☒ No ☐ N/A																Zn Acetate+NaOH Zn	
Total Containers																	NaOH+Ascorbic Acid SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters+B16:AX46												Sample Comments	
CS-1 (4)	9/6/2022		X		C	1	X	X	X	X										
CS-2 (4)	9/6/2022		X		C	1	X	X	X	X										
CS-3 (4)	9/6/2022		X		C	1	X	X	X	X										
CS-4 (4)	9/6/2022		X		C	1	X	X	X	X										
CS-5 (4)	9/6/2022		X		C	1	X	X	X	X										
CS-6 (4)	9/6/2022		X		C	1	X	X	X	X										
CS-7 (4)	9/6/2022		X		C	1	X	X	X	X										
CS-8 (4)	9/6/2022		X		C	1	X	X	X	X										
CS-9 (4)	9/6/2022		X		C	1	X	X	X	X										
CS-10 (4)	9/6/2022		X		C	1	X	X	X	X										

As Soon As Possible

880-18879 Chain of Custody



Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	9.7.02 8:28am		

Project Manager	Clinton Merritt	Bill to (if different)	James Adams
Company Name	Carmona Resources	Company Name	Haz Mat Special Services
Address	310 W Wall St Ste 415	Address	918 W Marshal Drive
City, State ZIP	Midland TX 79701	City, State ZIP	Grand Prairie Tx 75051
Phone	432-813-6823	Email	jadams@hazmatspecialservices.com

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

Project Name		Silverback Federal B2 Tank Battery	Turn Around		Pass. Code	ANALYSIS REQUEST										Preservative Codes					
Project Number	1116	☐ Routine	☒ Rush	Due Date		72 hr											None NO	DI Water H ₂ O			
Project Location	Eddy Co. NM															Cool Cool	MeOH Me				
Sampler's Name	CCM															HCL HC	HNO ₃ HN				
PO #:																H ₂ SO ₄ H ₂	NaOH Na				
SAMPLE RECEIPT		Temp Blank.	Yes	No	Thermometer ID	Yes	No	Wet Ice	Yes	No											
Received Intact:		Yes	No		Correction Factor																
Cooler Custody Seals		Yes	No	N/A	Temperature Reading																
Sample Custody Seals		Yes	No	N/A	Corrected Temperature																
Total Containers																					
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont														
CS-11 (4)		9/6/2022		X		C	1	X	X	X	X										
CS-12 (4)		9/6/2022		X		C	1	X	X	X	X										
CS-13 (4)		9/6/2022		X		C	1	X	X	X	X										
CS-14 (4)		9/6/2022		X		C	1	X	X	X	X										
CS-15 (4)		9/6/2022		X		C	1	X	X	X	X										
CS-16 (4)		9/6/2022		X		C	1	X	X	X	X										
CS-17 (4)		9/6/2022		X		C	1	X	X	X	X										
CS-18 (4)		9/6/2022		X		C	1	X	X	X	X										
CS-19 (4)		9/6/2022		X		C	1	X	X	X	X										
CS-20 (4)		9/6/2022		X		C	1	X	X	X	X										
Email to: Mike Carmona mcarmona@carmonaresources.com , Corner Moehring cmoehring@carmonaresources.com , and Clinton Merritt merrittc@carmonaresources.com																					
Retinquished by (Signature)														Date/Time							
Received by (Signature)														Date/Time							

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

Parameters+B16:AX46	Pres. Code	ANALYSIS REQUEST								Preservative Codes	
		BTEX 8021B	8015M (GRO + DRO + MRO)	Chloride 300.0							
										None NO	DI Water- H ₂ O
										Cool Cool	MeOH Me
										HCL HC	HNO ₃ HN
										H ₂ SO ₄ H ₂	NaOH Na
										H ₃ PO ₄ HP	
										NaHSO ₄ NABIS	
										Na ₂ S ₂ O ₃ NaSO ₃	
										Zn Acetate+NaOH Zn	
										NaOH+Ascorbic Acid SAPC	

[illegible]

Email to: Mike Carmona Mcarmona@carmonaresources.com, Conner Moehring CMoehring@carmonaresources.com, and Clinton Merritt merrittc@carmonaresources.com

Released to Imaging: 6/15/2023 11:17:22 AM

Project Manager	Clinton Merritt	Bill to (if different)	James Adams
Company Name	Carmona Resources	Company Name	Haz Mat Special Services
Address	310 W Wall St Ste 415	Address	918 W Marsha Drive
City, State ZIP	Midland, TX 79701	City, State ZIP	Grand Prairie, Tx 75051
Phone	432-813-6823	Email	jadams@hazmatspecialservices.com

Work Order Comments			
Program: UST/PT	☐ PRP	☐ Brownfields	☐ RC ☐ perfund
State of Project:			
Reporting Level II	☐ Level III	☐ ST/UST	☐ RRP ☐ Level IV ☐
Deliverables EDD	☐ ADAPT	☐ Other	

Project Name		Silverback Federal B2 Tank Battery		Turn Around		ANALYSIS REQUEST										Preservative Codes		
Project Number	1116	☐ Routine	☒ Rush												None NO	DI Water H ₂ O		
Project Location	Eddy Co. NM	Due Date	72 hr												Cool Cool	MeOH Me		
Sampler's Name	CCM														HCL HC	HNO ₃ HN		
PO #:															H ₂ SO ₄ H ₂	NaOH Na		
SAMPLE RECEIPT		Temp Blank	Yes No	Yes No	Wet Ice	Yes No											H ₃ PO ₄ HP	
Received Intact:		Yes No	Thermometer ID											NaHSO ₄ NABIS				
Cooler Custody Seals		Yes No N/A	Correction Factor											Na ₂ S ₂ O ₃ NaSO ₃				
Sample Custody Seals		Yes No N/A	Temperature Reading											Zn Acetate+NaOH Zn				
Total Containers:		Corrected Temperature												NaOH+Ascorbic Acid SAPC				
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments
CS-31 (4)	9/6/2022			X		C	1	X	X	X								
CS-32 (4)	9/6/2022			X		C	1	X	X	X								
CS-33 (4)	9/6/2022			X		C	1	X	X	X								
CS-34 (4)	9/6/2022			X		C	1	X	X	X								
CS-35 (4)	9/6/2022			X		C	1	X	X	X								
CS-36 (4)	9/6/2022			X		C	1	X	X	X								
CS-37 (4)	9/6/2022			X		C	1	X	X	X								
CS-38 (4)	9/6/2022			X		C	1	X	X	X								
CS-39 (4)	9/6/2022			X		C	1	X	X	X								
CS-40 (4)	9/6/2022			X		C	1	X	X	X								

Email to: Mike Carmona Mcarmona@carmonaresources.com, Corner Moehring cmoehring@carmonaresources.com, and Clinton Merritt merrittc@carmonaresources.com

Relinquished by (Signature)

Date/Time

Received by (Signature)

Date/Time

Project Manager	Clinton Merritt	Bill to (if different)	James Adams
Company Name	Carmona Resources	Company Name	Haz Mat Special Services
Address	310 W Wall St Ste 415	Address	918 W Marshal Drive
City, State ZIP	Midland, TX 79701	City State ZIP	Grand Prairie Tx 75051
Phone	432-813-6823	Email	jadamsm@hazmatspecialservices.com

Work Order Comments				
Program: UST/PST	☐ PRP	☐ Brownfields	☐ RC	☐ Superfund
State of Project:				
Reporting Level II	☐ Level III	☐ ST/UST	☐ RRP	☐ Level IV
Deliverables EDD	☐	Adapt	☐	Other

[illegible][illegible]

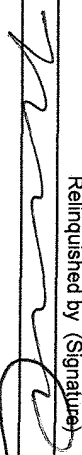
Email to [Mike Carmona Mcarmona@cammonaresources.com](mailto:Mike.Carmona@cammonaresources.com), [Conner Moehring@cammonaresources.com](mailto:Conner.Moehring@cammonaresources.com), and [Clinton Merritt merittc@cammonaresources.com](mailto:Clinton.Meritt@cammonaresources.com)

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
			

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Work Order No: 18879

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Project Manager		Clinton Merritt		Bill to (if different)		James Adams																							
Company Name		Carmona Resources		Company Name		Haz Mat Special Services																							
Address		310 W Wall St Ste 415		Address		918 W Marshal Drive																							
City, State ZIP		Midland TX 79701		City, State ZIP		Grand Prairie TX 75061																							
Phone		432-813-6823		Email		ladams@hazmatspecialservices.com																							
Project Name		Silverback Federal B2 Tank Battery		Turn Around		ANALYSIS REQUEST																							
Project Number		1116		☐ Routine ☒ Rush		Pres. Code																							
Project Location		Eddy Co, NM		Due Date		72 hr																							
Sampler's Name		CCM																											
PO #																													
SAMPLE RECEIPT		Temp Blank		Yes No		Wet Ice		Yes No																					
Received Inact.		Yes No		Thermometer ID																									
Cooler Custody Seals		Yes No N/A		Correction Factor																									
Sample Custody Seals		Yes No N/A		Temperature Reading																									
Total Containers				Corrected Temperature																									
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont		Parameters+B16:AX46		BTEX 8021B		TPH 8015M (GRO + DRO + MRO)		Chloride 300.0		ANALYSIS REQUEST						Preservative Codes	
CS-51 (4)		9/6/2022				X				C		1		X		X		X								None NO		DI Water H ₂ O	
CS-52 (4)		9/6/2022				X				C		1		X		X		X								Cool Cool		MeOH Me	
CS-53 (4)		9/6/2022				X				C		1		X		X		X								HCL HC		HNO ₃ HN	
CS-54 (4)		9/6/2022				X				C		1		X		X		X								H ₂ SO ₄ H ₂		NaOH Na	
CS-55 (4)		9/6/2022				X				C		1		X		X		X								H ₃ PO ₄ HP			
CS-56 (4)		9/6/2022				X				C		1		X		X		X								NaHSO ₄ NABIS			
CS-57 (4)		9/6/2022				X				C		1		X		X		X								Na ₂ S ₂ O ₃ NaSO ₃			
CS-58 (4)		9/6/2022				X				C		1		X		X		X								Zn Acetate+NaOH Zn			
CS-59 (4)		9/6/2022				X				C		1		X		X		X								NaOH+Ascorbic Acid SAPC			
CS-60 (4)		9/6/2022				X				C		1		X		X		X											
Email to: Mike Carmona Mcarmona@carmonaresources.com, Conner Moehring@camonaresources.com, and Clinton Merritt merrittc@carmonaresources.com																													
Relinquished by (Signature)				Date/Time				Received by (Signature)				Date/Time																	
																													

Project Manager		Clinton Merritt		Bill to (if different)		James Adams	
Company Name		Carmona Resources		Company Name		Haz Mat Special Services	
Address		310 W Wall St Ste 415		Address		918 W Marshal Drive	
City, State ZIP		Midland, TX 79701		City, State ZIP		Grand Prairie, TX 75051	
Phone		432-813-6823		Email		jadams@hazmatspecialservices.com	
Project Name		Silverback Federal B2 Tank Battery		Turn Around		Pres. Code	
Project Number		1116		☐ Routine ☒ Rush			
Project Location		Eddy Co. NM		Due Date		72 hr	
Sampler's Name		CCM					
PO #							
SAMPLE RECEIPT		Temp Blank		Yes No		Wet Ice	
Received Intact		Yes No		Thermometer ID		Yes No	
Cooler Custody Seals		Yes No N/A		Correction Factor			
Sample Custody Seals		Yes No N/A		Temperature Reading			
Total Containers				Corrected Temperature			
Sample Identification		Date		Time		Soil	
						Water	
						Grab/Comp	
						# of Cont	
CS-61 (4)		9/6/2022				X X X X	
CS-62 (4)		9/6/2022				X X X X	
CS-63 (4)		9/6/2022				X X X X	
CS-64 (4)		9/6/2022				X X X X	
CS-65 (4)		9/6/2022				X X X X	
CS-66 (4)		9/6/2022				X X X X	
CS-67 (4)		9/6/2022				X X X X	
CS-68 (4)		9/6/2022				X X X X	
CS-69 (4)		9/6/2022				X X X X	
CS-70 (4)		9/6/2022				X X X X	
Email to Mike Carmona Mcarmona@carmonaresources.com, Corner Moehring@carmonaresources.com, and Clinton Merritt merrittc@carmonaresources.com							
Relinquished by (Signature)				Date/Time			
Received by (Signature)				Date/Time			

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Work Order No: 18879

9/14/2022

Project Manager		Clinton Merritt		Bill to (if different)		James Adams	
Company Name		Carmona Resources		Company Name		Haz Mat Special Services	
Address		310 W Wall St Ste 415		Address		918 W Marshal Drive	
City, State ZIP		Midland, TX 79701		City, State ZIP		Grand Prairie Tx 75051	
Phone		432-813-6823		Email		jadams@hazmatspecialservices.com	
Project Name		Silverback Federal B2 Tank Battery		Turn Around		ANALYSIS REQUEST	
Project Number		1116		☐ Routine ☒ Rush		Pres. Code	
Project Location		Eddy Co. NM		Due Date		72 hr	
Sampler's Name		CCM					
PO #							
SAMPLE RECEIPT		Temp Blank		Yes No		Wet Ice	
Received Intact		Yes No		Thermometer ID		Yes No	
Cooler Custody Seals		Yes No N/A		Correction Factor			
Sample Custody Seals		Yes No N/A		Temperature Reading			
Total Containers				Corrected Temperature			
Sample Identification		Date		Time		Soil	
CS-71 (4')		9/6/2022				X	
CS-72 (4')		9/6/2022				X	
CS-73 (4')		9/6/2022				X	
CS-74 (4')		9/6/2022				X	
CS-75 (4')		9/6/2022				X	
CS-76 (4')		9/6/2022				X	
CS-77 (4')		9/6/2022				X	
CS-78 (4')		9/6/2022				X	
CS-79 (4')		9/6/2022				X	
CS-80 (4')		9/6/2022				X	
Parameters+B16:AX46							
BTEx 8021B							
TPH 8015M (GRO + DRO + MRO)							
Chloride 300.0							
Sample Comments							
Relinquished by (Signature)				Date/Time			
Received by (Signature)				Date/Time			
Email to Mike Carmona Mcarmona@carmonaresources.com, Corner Moeching@carmonaresources.com, and Clinton Merritt merrittc@carmonaresources.com							

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Work Order No: 18879

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Project Manager		Clinton Merritt		Bill to (if different)		James Adams	
Company Name		Carmona Resources		Company Name		Haz Mat Special Services	
Address		310 W Wall St Ste 415		Address		918 W Marshal Drive	
City, State ZIP		Midland, TX 79701		City, State ZIP		Grand Prairie TX 75051	
Phone		432-813-6823		Email		jadams@hazmatspecialservices.com	
Project Name		Silverback Federal B2 Tank Battery		Turn Around		ANALYSIS REQUEST	
Project Number		1116		☐ Routine ☒ Rush			
Project Location		Eddy Co, NM		Due Date		72 hr	
Sampler's Name		CCM					
PO #							
SAMPLE RECEIPT		Temp Blank		Yes No		Well Ice	
Received Intact		Yes No		Thermometer ID		Yes No	
Cooler Custody Seals		Yes No N/A		Correction Factor			
Sample Custody Seals		Yes No N/A		Temperature Reading			
Total Containers		Corrected Temperature					
Sample Identification		Date		Time		Soil	
						Water	
						Grab/Comp	
						# of Cont	
CS-81 (4)		9/6/2022				X	
CS-82 (4)		9/6/2022				X	
CS-83 (4)		9/6/2022				X	
CS-84 (4)		9/6/2022				X	
CS-85 (4)		9/6/2022				X	
CS-86 (4)		9/6/2022				X	
CS-87 (4)		9/6/2022				X	
CS-88 (4)		9/6/2022				X	
CS-89 (4)		9/6/2022				X	
CS-90 (4)		9/6/2022				X	
Email to Mike Carmona		mcarmona@carmonaresources.com		Conner Moehring		cmoehring@carmonaresources.com	
Clinton Merritt		cmerritt@carmonaresources.com					
Relinquished by (Signature)		Date/Time		Received by (Signature)		Date/Time	

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Work Order No: 10879

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Project Manager	Clinton Merritt	Bill to (if different)	James Adams
Company Name	Carmona Resources	Company Name	Haz Mat Special Services
Address	310 W Wall St Ste 415	Address	918 W Marshal Drive
City, State ZIP	Midland, TX 79701	City, State ZIP	Grand Prairie Tx 75051
Phone	432-813-6823	Email	jadams@hazmatspecialservices.com
Work Order Comments			
Program: ☐ UST/ST ☐ PRP ☐ Brownfields ☐ RC ☐ Superfund ☐			
State of Project:			
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐			
Deliverables EDD ☐ ADAPT ☐ Other			

Project Name	Silverback Federal B2 Tank Battery	Turn Around	☐ Routine ☒ Rush	Due Date	72 hr	Pres Code	ANALYSIS REQUEST												Preservative Codes	
Project Number	1116																None NO	DI Water H ₂ O		
Project Location	Eddy Co. NM																Cool Cool	MeOH Me		
Sampler's Name	CCM																HCL HC	HNO ₃ HN		
PO #:																	H ₂ SO ₄ H ₂	NaOH Na		
SAMPLE RECEIPT	Temp Blank	Yes No	Wet Ice	Yes No													H ₃ PO ₄ HP			
Received Intact:	Yes No	Thermometer ID															NaHSO ₄ NABIS			
Cooler Custody Seals	Yes No N/A	Correction Factor															Na ₂ S ₂ O ₃ NaSO ₃			
Sample Custody Seals	Yes No N/A	Temperature Reading															Zn Acetate+NaOH Zn			
Total Containers		Corrected Temperature															NaOH+Ascorbic Acid SAPC			

Sample Identification	Date	Time	Soil	Water	Grab/	# of	TPH																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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Email to Mike Carmora Mccarmora@carmonaresources.com, Conner Moehring@carmonaresources.com, and Clinton Merritt merrittc@carmonaresources.com

Relinquished by (Signature)		Date/Time	Received by (Signature)		Date/Time

Work Order Comments	
Program: UST/PT ☐ PRP ☐ Brownfields ☐ RC ☐ ☐ perfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables EDD ☐ ADAPT ☐ Other	

[illegible]

Date/Time

Work Order Comments					
Program:	UST/PST	☐ PRP	☐ Brownfields	☐ RC	☐ Superfund
State of Project:					
Reporting Level II	☐	Level III	☐	ST/UST	☐ RRP
Level IV	☐				
Deliverables	EDD	☐	Adapt	☐	Other

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-18879-1

SDG Number: Eddy Co, NM

Login Number: 18879

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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

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

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

CONDITIONS

Action 186268

CONDITIONS

Operator: Silverback Operating II, LLC 19707 IH10 West, Suite 201 San Antonio, TX 78256	OGRID: 330968
	Action Number: 186268
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2221639776 FEDERAL BZ BATTERY, thank you. This closure is approved.	6/15/2023