Received by OCD: 4/13/2023 3:59:42 PM Form C-141 State of New Mexico Page 6 Oil Conservation Division

	Page 1 of 10	5
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 is	tems 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 must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office		
Laboratory analyses of final sampling (Note: appropriate ODC	C District office must be notified 2 days prior to final sampling)		
Description of remediation activities			
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of	ntions. The responsible party acknowledges they must substantially inditions that existed prior to the release or their final land use in		
	Title:		
Signature: MArk Ritchis	Date:		
email:	Telephone:		
OCD Only			
Received by: Jocelyn Harimon	Date: <u>04/13/2023</u>		
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.		
Closure Approved by: Robert Hamlet	Date: 9/1/2023		
Printed Name: Robert Hamlet	Title: Environmental Specialist - Advanced		



#### SITE INFORMATION

Closure Report
Mimosa Fed #3 SWD
Incident # NAPP2227144903
Eddy County, New Mexico
Unit P Sec 4 T20S R24E
32.597879°, -104.585853°

Produced Water Release
Point of Release: Tank Overflow
Release Date: 09/28/2022

Volume Released: 2,155 barrels of Produced Water Volume Recovered: 2,155 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



#### TABLE OF CONTENTS

#### 1.0 SITE INFORMATION AND BACKGROUND

2.0 SITE CHARACTERIZATION AND GROUNDWATER

3.0 NMAC REGULATORY CRITERIA

4.0 SITE ASSESSMENT

5.0 CONCLUSION

#### **FIGURES**

FIGURE 1	OVERVIEW	FIGURE 2	TOPOGRAPHIC

FIGURE 3 SAMPLE LOCATION

#### **APPENDICES**

APPENDIX A TABLE

APPENDIX B PHOTOS

APPENDIX C INITIAL C-141 AND FINAL

APPENDIX D SITE CHARACTERIZATION AND GROUNDWATER

APPENDIX E LABORATORY REPORTS



January 30, 2023

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

Re: Closure Report
Mimosa Fed #3 SWD
Silverback Operating II, LLC
Incident # NAPP2227144903
Site Location: Unit P, S04, T20S, R24E
(Lat 32.597879°, Long -104.585853°)
Eddy County, New Mexico

Mr. Bratcher:

On behalf of Silverback Operating II, LLC (Silverback Exploration), Carmona Resources, LLC has prepared this letter to document site activities for the Mimosa Fed #3 SWD. The site is located at 32.597879°, -104.585853° within Unit P, S04, T20S, R24E, in Eddy County, New Mexico (Figures 1 and 2).

#### 1.0 Site information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the leak was discovered on September 28, 2022, due to an overflowing water tank. It resulted in approximately two thousand one hundred and fifty-five (2,155) barrels of produced water, and two thousand one hundred and fifty-five (2,155) barrels of produced water were recovered. The impacted area is located on the pad, 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 medium karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water source is within a 0.50-mile radius of the location. The nearest identified well is approximately 0.64 miles Northeast of the site in S03, T20S, R24E and was drilled in 1994. The well has a reported depth to groundwater of 227.85 feet below the ground surface (ft bgs). A copy of the associated Summary Report is attached in Appendix D.

On December 6, 2022, Carmona Resources, LLC was onsite to drill a groundwater determination bore to 105' below ground surface and within a 0.50-mile radius of the location. The groundwater determination bore is located approximately 0.03 miles south of the site at 32.597389, -104.586147 in S4, T20S, R24E. The bore was left open for 72 hours and tagged with a water level meter. The bore has shown no signs of water at a depth of 105' below ground surface (bgs). A copy of the groundwater determination bore log is attached in Appendix D.

#### 3.0 NMAC Regulatory Criteria

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

310 West Wall Street, Suite 500 Midland TX, 79701 432.813.1992 • Benzene: 10 milligrams per kilogram (mg/kg).

• Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.

• TPH: 1,000 mg/kg (GRO + DRO).

• TPH: 2,500 mg/kg (GRO + DRO + MRO).

• Chloride: 20,000 mg/kg

#### 4.0 Site Assessment Activities

#### **Initial Assessment**

On October 4, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of six (6) sample points (S-1 through S-6) and four (4) horizontal sample points (H-1 through H-4) were installed to total depths ranging from surface to 1.0' below the surface. Soil samples were collected and submitted to the laboratory for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The sample locations are shown in Figure 3. Refer to Table 1.

#### Trenching Activities

On October 17, 2022, Carmona Resources, LLC performed trenching activities to evaluate soil impacts stemming from the release and attempt to delineate vertical. Four (4) trenches (T-1 through T-4) were advanced to depths ranging from the surface to 3' bgs inside the release area to evaluate the extent. See Figure 3 for the soil sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Envirotech Laboratories in Farmington, New Mexico. 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.

The analytical results are provided in Table 1.

#### Further Assessment

On December 6, 2022, Carmona Resources was onsite to define the release for the area of S-4 (T-2), S-5 (T-3), and S-6 (T-4) vertically. Soil samples were collected and submitted to the laboratory for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E.

All samples were below the regulatory limits and summarized in Table 1.

#### 5.0 Conclusions

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

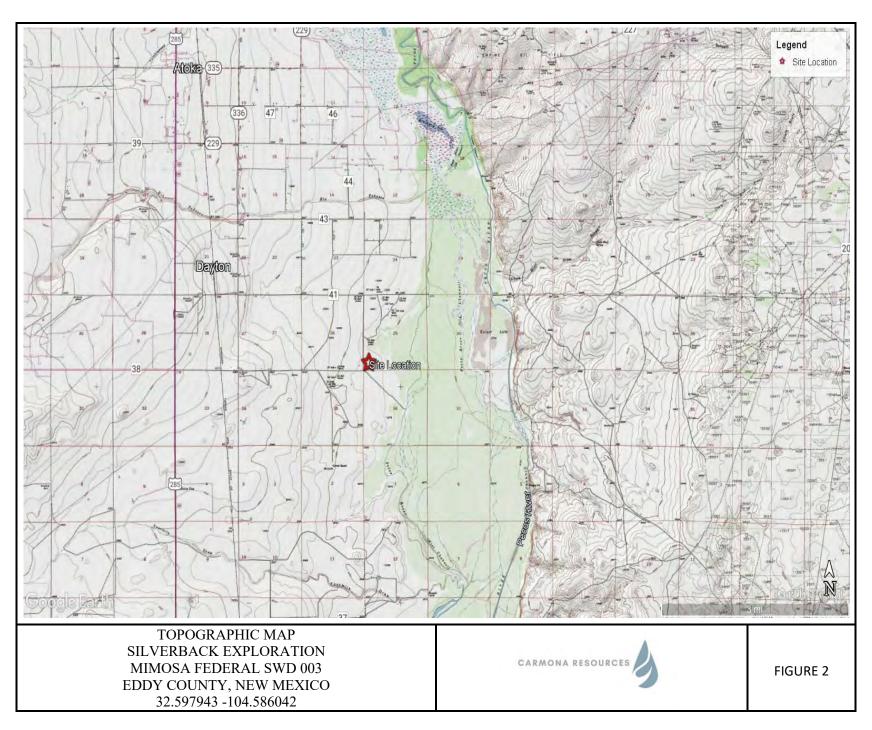
# CARMONA RESOURCES



SITE OVERVIEW MAP SILVERBACK EXPLORATION MIMOSA FEDERAL SWD 003 EDDY COUNTY, NEW MEXICO 32.597943 -104.586042



FIGURE 1





# **APPENDIX A**

# CARMONA RESOURCES

Table 1 Silverback Exploration Mimosa Federal SWD 003 Eddy County, New Mexico

Sample ID   Date   Depth (f)   Giro   Diro   Mitro   Total   (mg/kg)   (mg	O-min la ID	Date	Davids (6)		TPH	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
T-1  10/17/2022	Sample ID	Date	Depth (it)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
T-1	S-1	10/4/2022	0-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	775
T-1		10/17/2022	0-1	ND	ND	ND	ND	0.0692	0.0420	ND	ND	0.1112	205
**   2.0	T.1	"	1.5	ND	ND	ND	ND	0.0357	ND	ND	ND	0.0357	472
\$-2   10 4 2022   0-1   ND   ND   ND   ND   ND   ND   ND   N	'-'	"	2.0	ND	ND	ND	ND	0.0361	ND	ND	ND	0.0361	951
\$-3		"	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	512
S-4   10/4/2022	S-2	10/4/2022	0-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	417
T-2	S-3	10/4/2022	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	230
T-2    "   1.5	S-4	10/4/2022	0-1	ND	106	135	241	ND	ND	ND	ND	ND	13,900
T-2		10/17/2022	0-1	ND	ND	ND	ND	0.0585	0.0303	ND	ND	0.0888	1,950
10		"	1.5	ND	ND	ND	ND	0.0369	ND	ND	ND	0.0369	876
12/6/2022   3.5   ND   ND   ND   ND   ND   ND   ND   N	T-2		2.0	ND	ND	ND	ND	0.0515	ND	ND	ND	0.0515	1,420
S-5													
T-3    10/17/2022		12/6/2022	3.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	23.5
T-3         "         1.5         ND         N	S-5	10/4/2022	0-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,730
T-3   "   2.0   ND   ND   ND   ND   ND   ND   ND   N		10/17/2022	0-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	462
10/4/2022   0-1   ND   ND   ND   ND   ND   ND   ND   N		"	1.5	ND	ND	ND	ND	0.0291	ND	ND	ND	0.0291	4,620
12/6/2022   3.5   ND   ND   ND   ND   ND   ND   ND   N	T-3		2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,130
S-6         10/4/2022         0-1         ND													
T-4    10/17/2022   0-1   ND   ND   ND   ND   ND   ND   ND   N		12/6/2022	3.5	ND	29.1	ND	29.1	ND	ND	ND	ND	ND	33.3
T-4  " 1.5 ND	S-6	10/4/2022	0-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	807
T-4         "         2.0         ND         3,380           "         3.0         ND         44.7         ND         44.7         0.0858         0.0361         ND		10/17/2022	0-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,710
" 3.0 ND 44.7 ND 44.7 0.0858 0.0361 ND ND ND ND ND 664  12/6/2022 3.5 ND		"	1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	7,030
H-1   10/4/2022   0-0.5   ND   ND   ND   ND   ND   ND   ND   N	T-4	"	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,380
H-1		"			44.7		44.7	0.0858	0.0361	ND	ND		664
H-2 10/4/2022 0-0.5 ND 177  H-3 10/4/2022 0-0.5 ND 130 193 323 ND ND ND ND ND ND ND 1,440  10/17/2022 0-0.5 ND		12/6/2022	3.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	25.5
H-3    10/4/2022   0-0.5   ND   130   193   323   ND   ND   ND   ND   ND   1,440	H-1	10/4/2022	0-0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	73.8
H-3 10/17/2022 0-0.5 ND ND ND ND 0.0974 0.0545 ND ND ND ND 518  H-4 10/4/2022 0-0.5 ND	H-2	10/4/2022	0-0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	177
10/17/2022   0-0.5   ND   ND   ND   ND   0.0974   0.0545   ND   ND   ND   518	H-3	10/4/2022	0-0.5	ND	130	193	323	ND	ND	ND	ND	ND	1,440
Regulatory Criteria A         1,000 mg/kg         2,500 mg/kg         10 mg/kg         -         -         50 mg/kg         20,000 mg/kg	п-3	10/17/2022	0-0.5	ND	ND	ND	ND	0.0974	0.0545	ND	ND	ND	518
	H-4	10/4/2022	0-0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	483
	Regulato	ry Criteria <sup>A</sup>		1,000	mg/kg		2,500 mg/kg	10 mg/kg	-	-	-	50 mg/kg	20,000 mg/kg

(-) Not Analyzed

<sup>A</sup> – Table 1 - 19.15.29 NMAC mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(S) Sample Point

(H) Horizontal

(T) Trench

(ND) Non Detect

# **APPENDIX B**

# CARMONA RESOURCES

#### PHOTOGRAPHIC LOG

Silverback Operating II, LLC

#### Photograph No. 1

Facility: Mimosa Fed #3 SWD

County: Eddy County, New Mexico

**Description:** 

View North, area of S-1/T-1.



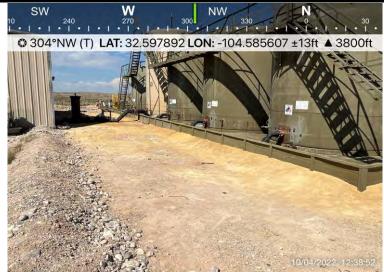
#### Photograph No. 2

Facility: Mimosa Fed #3 SWD

County: Eddy County, New Mexico

**Description:** 

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



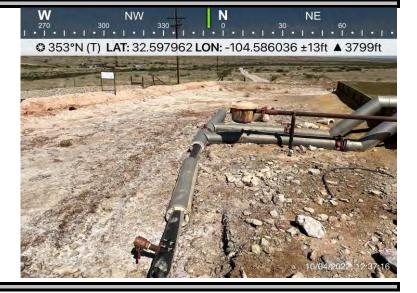
#### Photograph No. 3

Facility: Mimosa Fed #3 SWD

County: Eddy County, New Mexico

Description:

View North, area of S-4/T-2.





#### PHOTOGRAPHIC LOG

Silverback Operating II, LLC

#### Photograph No. 1

Facility: Mimosa Fed #3 SWD

County: Eddy County, New Mexico

**Description:** 

View East, area of S-5/T-3 and S-6/T-4.



#### Photograph No. 2

Facility: Mimosa Fed #3 SWD

County: Eddy County, New Mexico

#### **Description:**

View Northeast, of installing the groundwater determination bore.





# **APPENDIX C**

# CARMONA RESOURCES

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

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

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**

QUESTIONS

Action 146926

#### **QUESTIONS**

Operator:	OGRID:
Silverback Operating II, LLC	330968
IH10 West, Suite 201	Action Number:
San Antonio, TX 78257	146926
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

#### QUESTIONS

Location of Release Source		
Please answer all of the questions in this group.		
Site Name	Mimosa Fed #3 SWD	
Date Release Discovered	09/28/2022	
Surface Owner	Federal	

Incident Details		
Please answer all of the questions in this group.		
Incident Type	Produced Water Release	
Did this release result in a fire or is the result of a fire	No	
Has this release reached or does it have a reasonable probability of reaching a watercourse	No	
Has this release endangered or does it have a reasonable probability of endangering public health	No	
Has this release substantially damaged or will it substantially damage property or the environment	No	
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No	

Nature and Volume of Release				
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.				
Crude Oil Released (bbls) Details	Not answered.			
Produced Water Released (bbls) Details	Cause: Overflow - Tank, Pit, Etc.   Water Tank   Produced Water   Released: 2,155 BBL   Recovered: 2,155 BBL   Lost: 0 BBL ]			
Is the concentration of dissolved chloride in the produced water >10,000 mg/l	Yes			
Condensate Released (bbls) Details	Not answered.			
Natural Gas Vented (Mcf) Details	Not answered.			
Natural Gas Flared (Mcf) Details	Not answered.			
Other Released Details	Not answered.			
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.			

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** 

QUESTIONS, Page 2

Action 146926

$\sim$			(contin	
	I – 🥆 I	11 11/12	ICONTIN	וחמווו

Operator:	OGRID:
Silverback Operating II, LLC	330968
IH10 West, Suite 201	Action Number:
San Antonio, TX 78257	146926
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

#### QUESTIONS

Nature and Volume of Release (continued)				
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.			
Was this a major release as defined by 19.15.29.7(A) NMAC	Yes, major release.			
Reasons why this would be considered a submission for a notification of a major release	Unauthorized release of a volume, excluding gases, of 25 barrels or more			
If YES, was immediate notice given to the OCD, by whom	Mark Ritchie			
If YES, was immediate notice given to the OCD, to whom	Mike Bratcher			
If YES, was immediate notice given to the OCD, when	09/28/2022			
If YES, was immediate notice given to the OCD, by what means (phone, email, etc.)	Email			
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.				

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	True			
The impacted area has been secured to protect human health and the environment	True			
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True			
All free liquids and recoverable materials have been removed and managed appropriately	True			
If all the actions described above have not been undertaken, explain why	Not answered.			

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 prepare and attach a narrative of actions to date in the follow-up C-141 submission. 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 prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

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**

ACKNOWLEDGMENTS

Action 146926

#### **ACKNOWLEDGMENTS**

Operator:	OGRID:			
Silverback Operating II, LLC	330968			
IH10 West, Suite 201	Action Number:			
San Antonio, TX 78257	146926			
	Action Type:			
	[NOTIFY] Notification Of Release (NOR)			

#### **ACKNOWLEDGMENTS**

✓	I acknowledge that I am authorized to submit notification of a releases on behalf of my operator.
V	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
V	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
V	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.
V	I acknowledge the fact that 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.
V	I acknowledge the fact that, 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.

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

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 146926

#### **CONDITIONS**

Operator:	OGRID:
Silverback Operating II, LLC	330968
IH10 West, Suite 201	Action Number:
San Antonio, TX 78257	146926
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

#### CONDITIONS

Created By	Condition	Condition Date
mritchie	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	9/28/2022

Received by OCD: 4/13/2023 3:59:42 PM Form C-141 State of New Mexico Page 3 Oil Conservation Division

	Page 20 of 105
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?						
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☐ No					
Did the release impact areas <b>not</b> 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 ver contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	tical extents of soil					
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 well 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	ls.					

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.

Received by OCD: 4/13/2023 3:59:42 PM Form C-141 State of New Mexico Page 4 Oil Conservation Division

	Page 21 of 10	<i>05</i>
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:								
Signature: MArk Ritchie	_ Date:							
email:	Telephone:							
OCD Only								
Received by: Jocelyn Harimon	Date: 04/13/2023							

<b>Received by OCD: 4/13/20</b>	223 3:59:42 PM
Form C-141	State of New Mexico
Page 6	Oil Conservation Division

Incident ID
District RP
Facility ID
Application ID

### Closure

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

Closure Report Attachment Checklist: Each of the following is	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 must be notified 2 days prior to liner inspection)	s of the liner integrity if applicable (Note: appropriate OCD District office									
☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)										
☐ Description of remediation activities										
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and reluman health or the environment. In addition, OCD acceptance of	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in									
Printed Name:	Title:									
Signature: MArk Ritchis	Date:									
email:	Telephone:									
OCD Only										
Received by: Jocelyn Harimon	Date: <u>04/13/2023</u>									
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.									
Closure Approved by:	Date:									
Printed Name:	Title:									

# **APPENDIX D**

# CARMONA RESOURCES





Project Name : Date : Tuesday, December 6, 2022

Project No. : 1148 Sampler : Lane Scarborough
Location : Eddy County, New Mexico

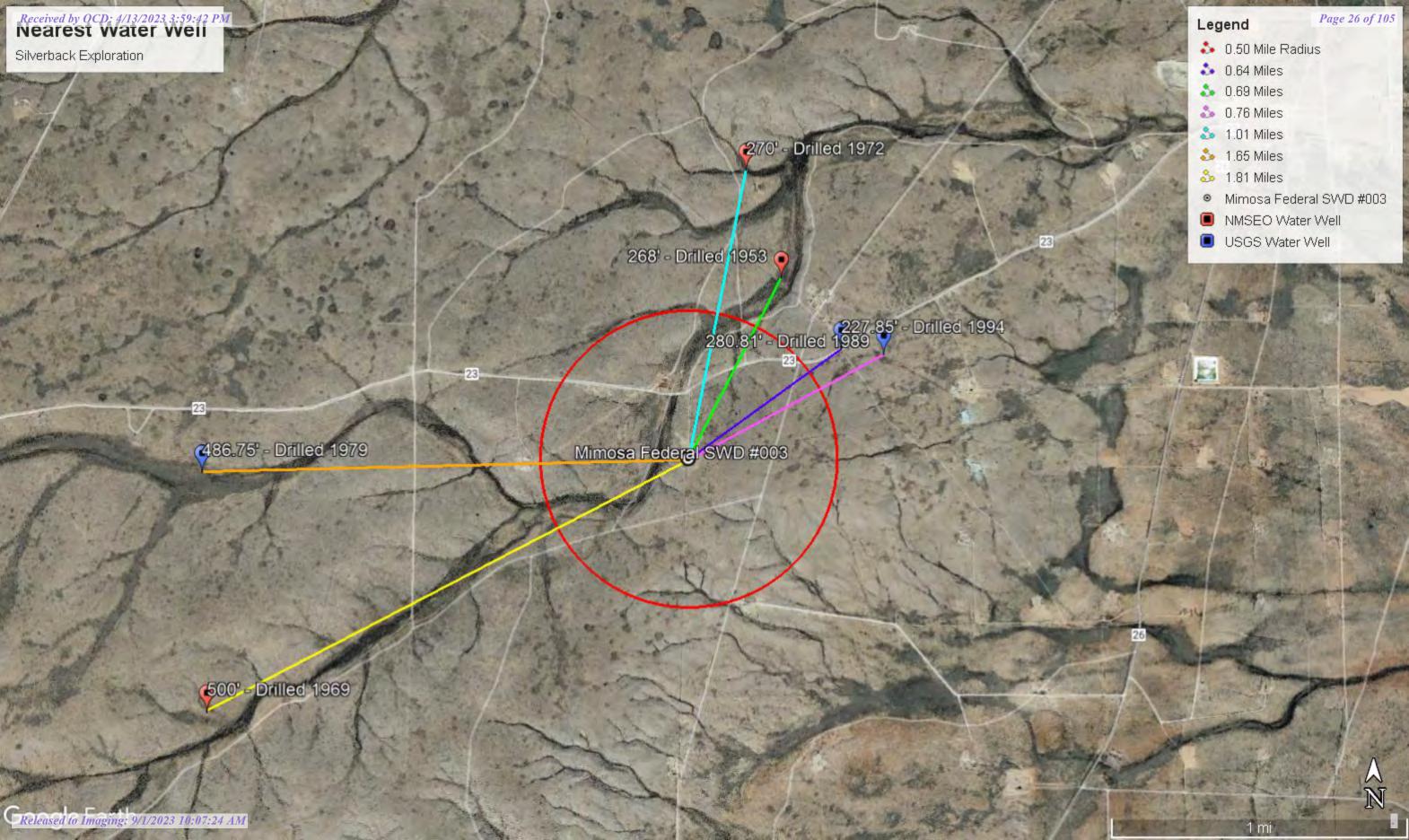
Coordinates: 32.597389°, -104.586147° Driller: Scarborough Drilling

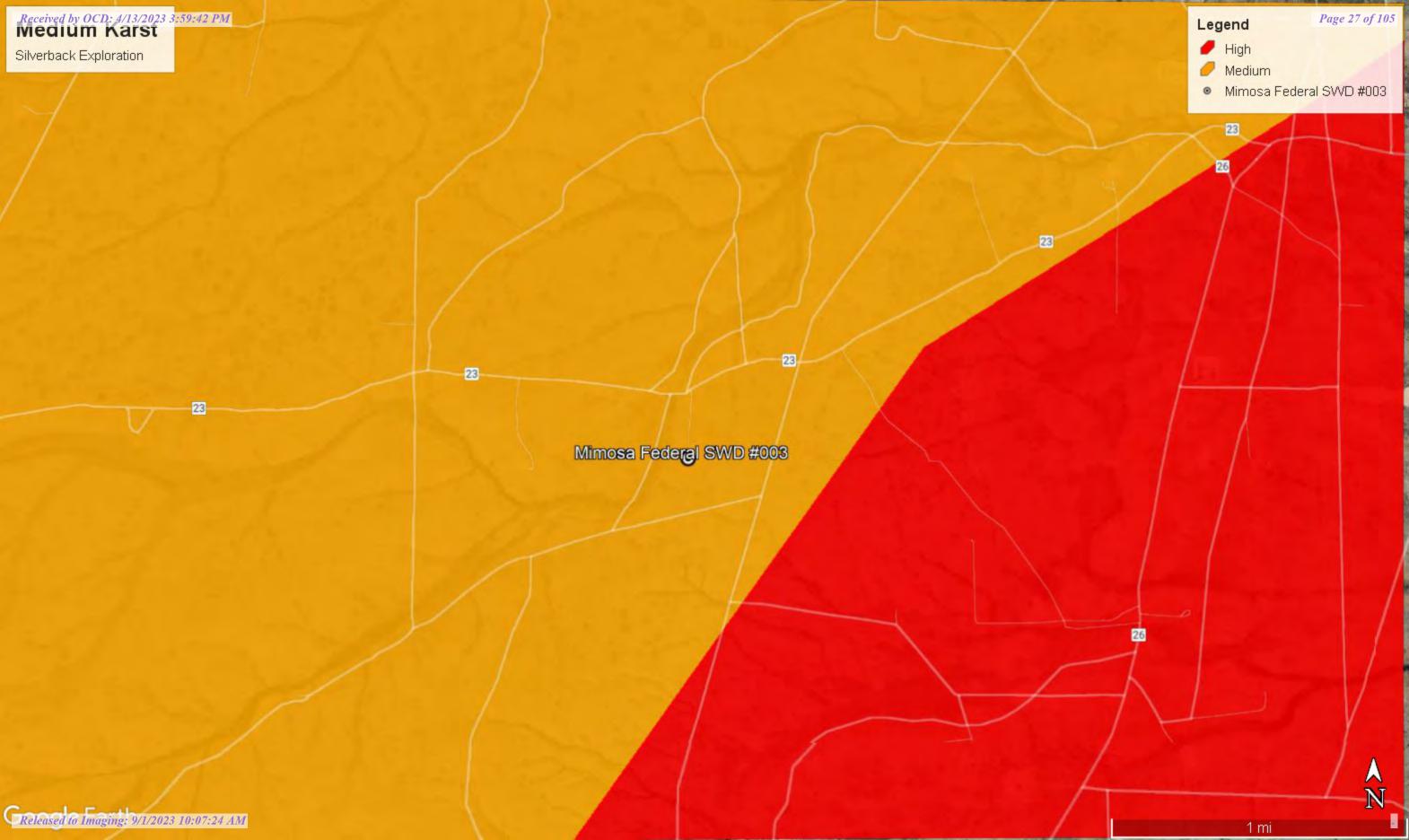
Elevation: 3,797' Method: Air Rotary

Depth (ft.)	WL	Soil Description	Lithology	Depth (ft.)	L Soil Description	Lithology
0 1		(0'-1') - White/Light coarse grained, well graded, angular gravel (GW).		50	(50') - White/Light coarse grained, well graded, angular gravel (GW).	
5 —		(5') - White/Light coarse grained, well graded, angular gravel (GW).		55	(55') - White/Light coarse grained, well graded, angular gravel (GW).	
10		(10') - White/Light coarse grained, well graded, angular gravel (GW).	-	60	(60') - White/Light coarse grained, well graded, angular gravel (GW).	-
10		(15') - Light brown medium stiff clay with >25% carse grained angular gravel (GC).		65	(65') - White/Light coarse grained, well graded, angular gravel (GW).	
20		(20') - Light brown medium stiff clay with >25% carse grained angular gravel (GC).		70	(70') - White/Light grey silty sand with gypsum grains (SM).	WWW
25		(25') - White/Light coarse grained, well graded, angular gravel (GW).	<u>(//////</u>	75	(75') - White/Light grey silty sand with gypsum grains (SM).	
30		(30') - White/Light coarse grained, well graded, angular gravel (GW).		80	(80') - White/Light grey silty sand with gypsum grains (SM).	
35		(35') - White/Light coarse grained, well graded, angular gravel (GW).		85	(85') - White/Light grey silty sand with gypsum grains (SM).	
40		(40') - White/Light coarse grained, well graded, angular gravel (GW).		90 -	(90') - Red/Light brwon vey loose clayey sand (SC)	
45		(45') -Red/Light brown very stiff clayey sand with >5% coarse, well cemmented angular gravel (SC).	WW.	95	(95') - Red/Light brwon vey loose clayey sand (SC)	
50				105	(100'-105') - White/Light grey coarse grained, well graned, angular gravel (GW).	

Comments:

Boring terminated at 105' with no presence of groundwater or moisture.







# New Mexico Office of the State Engineer Water Column/Average Depth to Water

(NAD83 UTM in meters)

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.) (R=POD has been replaced, O=orphaned, C=the file is

closed)

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

(quarters are smallest to largest)

(In feet)

	POD Sub-		Q	Q	Q							Depth	Depth	Water
POD Number	Code basin	County	64	16	4 \$	Sec	Tws	Rng	X	Υ	Distance	Well	Water	Column
RA 03084	RA	ED			1	03	20S	24E	539366		1112	330	268	62
RA 05723	RA	ED		3	3	34	19S	24E	539170	3608353* 🌕	1622	310	270	40
RA 05478	RA	ED	3	2	3	80	20S	24E	536272	3605389* 🌕	2930	550	500	50
RA 05146	RA	ED		1	2	14	20S	24E	541600	3604734* 🌑	3406	300	80	220
RA 04245	RA	ED		4	4	35	19S	24E	542005	3608363* 🌑	3528	300		
RA 05676	RA	ED	2	2	3	28	19S	24E	538058	3610471* 🌍	3796	600	558	42
RA 04956	RA	ED		1	1	21	20S	24E	537605	3603101* 🌍	3869	1013		
RA 03085	RA	СН			1	01	20S	24E	542613	3607799* 🌍	3892	465	300	165

Average Depth to Water: 3

329 feet

Minimum Depth:

80 feet

Maximum Depth:

558 feet

**Record Count: 8** 

UTMNAD83 Radius Search (in meters):

**Easting (X):** 538861.82 **Northing (Y):** 3606760.37 **Radius:** 4000

\*UTM location was derived from PLSS - see Help

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



#### Click to hideNews Bulletins

- Explore the NEW <u>USGS National Water Dashboard</u> 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 =

• 323611104343701

#### Minimum number of levels = 1

Save file of selected sites to local disk for future upload

#### USGS 323611104343701 20S.24E.03.132443

Eddy County, New Mexico

Latitude 32°36'11", Longitude 104°34'37" NAD27

Land-surface elevation 3,736 feet above NAVD88

The depth of the well is 465 feet below land surface.

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

This well is completed in the Artesia Group (313ARTS) local aquifer.

#### **Output formats**

Tab-separated data

Table of data

acalact nor	eselect period										
eselect per	100										
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	
1979-11-08	3	D	62610		3463.34	NGVD29	1	Z			
1979-11-08	3	D	62611		3464.95	NAVD88	1	Z			
1979-11-08	3	D	72019	271.05			1	Z			
1984-02-02	2	D	62610		3507.05	NGVD29	1	Z			
1984-02-02	2	D	62611		3508.66	NAVD88	1	Z			
1984-02-02	2	D	72019	227.34			1	Z			
1989-02-10	)	D	62610		3513.29	NGVD29	1	Z			
1989-02-10	)	D	62611		3514.90	NAVD88	1	Z			
1989-02-10	)	D	72019	221.10			1	Z			
1994-02-11	1	D	62610		3506.54	NGVD29	1	S			
1994-02-11	1	D	62611		3508.15	NAVD88	1	S			
1994-02-11	1	D	72019	227.85			1	S			

Date	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	1
Parameter code	72019	Depth to water level	l, feet below land surfac	ce		
Referenced vertical datum	NAVD88	North American Vert	tical Datum of 1988			
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929				
Status	1	Static				
Method of measurement	S	Steel-tape measure	ment.			
Method of measurement	Z	Other.				
Measuring agency		Not determined				
Source of measurement	Not determined					
Water-level approval status	А	Approved for publication	ation Processing and	review completed.		

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

Accessibility

FOIA

Privacy

Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey
Title: Groundwater for New Mexico: Water Levels
URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

Page Contact Information: <u>New Mexico Water Data Maintainer</u> Page Last Modified: 2022-10-02 11:34:55 EDT

0.3 0.27 nadww01





### New Mexico Office of the State Engineer

# **Point of Diversion Summary**

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag POD Number

Q64 Q16 Q4 Sec Tws Rng

X Y

RA 03084

1 03 20S 24E

539366 3607752\*



Driller License: Driller Company:

**Driller Name:** EXISTING WELL

**Drill Finish Date:** 06/12/1953 **Plug Date:** 

Log File Date: 11/19/1953 PCW Rcv Date: Source: Shallow

Pump Type: Pipe Discharge Size: Estimated Yield:

Casing Size: Depth Well: 330 feet Depth Water: 268 feet

Water Bearing Stratifications: Top Bottom Description

305 310 Limestone/Dolomite/Chalk

Meter Number:3588Meter Make:BROOKSMeter Serial Number:9011T506832Meter Multiplier:10.0000Number of Dials:4Meter Type:Diversion

Unit of Measure: Barrels 42 gal. Return Flow Percent:

Usage Multiplier: Reading Frequency: Quarterly

х

#### Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr Comment	Mtr Amount Online
01/06/2000	2000	6078	A	RPT	0
07/04/2000	2000	6078	A	RPT	0
01/19/2001	2000	6078	A	RPT	0
07/09/2001	2001	6078	A	RPT	0
01/17/2002	2001	6078	A	RPT	0
04/04/2002	2002	6078	A	RPT	0
01/31/2003	2003	6078	A	tw	0
07/31/2003	2003	6078	A	tw	0
10/30/2003	2003	6078	A	tw	0
03/01/2004	2004	6078	A	sj	0
06/01/2004	2004	6078	A	sj	0
09/01/2004	2004	6078	A	sj	0
04/13/2005	2005	6078	A	RPT	0
10/06/2005	2005	6078	A	RPT	0
12/31/2013	2013	6078	A	RPT	0
03/31/2014	2014	6078	A	RPT	0
09/30/2014	2014	6078	A	RPT	0
12/31/2014	2014	6078	A	RPT	0
06/30/2015	2015	6078	A	RPT	0
09/30/2015	2015	6078	A	RPT	0
12/31/2015	2015	6078	A	RPT	0
09/30/2016	2016	6078	A	RPT well not in service	0

12/31/2018	2018	6078 A	1	ap	0
03/31/2019	2019	6078 A	1	ap	0
12/31/2019	2020	6078 A	Λ	ap	0
09/30/2020	2020	6078 A	Λ	RPT	0
12/31/2020	2021	6078 A	Λ	WEB	0 X

**YTD Meter Amounts:	Year	Amount
	2000	0
	2001	0
	2002	0
	2003	0
	2004	0
	2005	0
	2013	0
	2014	0
	2015	0
	2016	0
	2018	0
	2019	0
	2020	0

2021

Meter Number:	8260	Meter Make:	BROOKS
Meter Serial Number:	9011T5068321	Meter Multiplier:	1.0000
Number of Dials:	6	<b>Meter Type:</b>	Diversion
Unit of Measure:	Barrels 42 gal.	<b>Return Flow Percent:</b>	
<b>Usage Multiplier:</b>		Reading Frequency:	Quarterly

0

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, or suitability for any particular purpose of the data.

10/2/22 9:24 AM

POINT OF DIVERSION SUMMARY

<sup>\*</sup>UTM location was derived from PLSS - see Help



#### Click to hideNews Bulletins

- Explore the NEW <u>USGS National Water Dashboard</u> 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 =

323610104342801

#### Minimum number of levels = 1

Save file of selected sites to local disk for future upload

#### USGS 323610104342801 20S.24E.03.14322

Eddy County, New Mexico

Latitude 32°36'10", Longitude 104°34'28" NAD27

Land-surface elevation 3,721 feet above NAVD88

The depth of the well is 310 feet below land surface.

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

This well is completed in the Artesia Group (313ARTS) local aquifer.

#### **Output formats**

Tah.	can	arat	مط د	lata

ah af dat

Table of data

<u>Graph of data</u>	<u>a</u>									
teselect peri	<u>od</u>									
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	? Sourcemeasu
1961-01-06		D	62610		3438.67	NGVD29	1	Z		
1961-01-06		D	62611		3440.27	NAVD88	1	Z		
1961-01-06		D	72019	280.73			1	Z		
1963-01-07		D	62610		3438.29	NGVD29	1	Z		
1963-01-07		D	62611		3439.89	NAVD88	1	Z		
1963-01-07		D	72019	281.11			1	Z		
1963-07-24		D	62610		3422.03	NGVD29	1	Z		
1963-07-24		D	62611		3423.63	NAVD88	1	Z		
1963-07-24		D	72019	297.37			1	Z		
1963-09-04		D	62610		3431.60	NGVD29	1	Z		
1963-09-04		D	62611		3433.20	NAVD88	1	Z		
1963-09-04		D	72019	287.80			1	Z		
1963-10		M	62610		3437.58	NGVD29	1	Z		
1963-10		М	62611		3439.18	NAVD88	1	Z		

Date	Time	? Water-level date-time accuracy	Pal	rameter de	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum
1963-10	М	72019	281.82			1	Z
963-11-20	D	62610		3437.63	NGVD29	1	Z
963-11-20	D	62611		3439.23	NAVD88	1	Z
963-11-20	D	72019	281.77			1	Z
.964-01-10	D	62610		3437.80	NGVD29	1	Z
1964-01-10	D	62611		3439.40	NAVD88	1	Z
.964-01-10	D	72019	281.60			1	Z
1965-01-13	D	62610		3437.62	NGVD29	1	Z
1965-01-13	D	62611		3439.22	NAVD88	1	Z
965-01-13	D	72019	281.78			1	Z
1966-01-27	D	62610		3437.89	NGVD29	1	Z
1966-01-27	D	62611		3439.49	NAVD88	1	Z
1966-01-27	D	72019	281.51			1	Z
1966-09-26	D	62610		3437.80	NGVD29	1	Z
1966-09-26	D	62611		3439.40	NAVD88	1	Z
1966-09-26	D	72019	281.60			1	Z
969-01-02	D	62610		3437.72	NGVD29	1	Z
1969-01-02	D	62611		3439.32	NAVD88	1	Z
1969-01-02	D	72019	281.68			1	Z
.979-11-15	D	62610		3438.28	NGVD29	1	Z
1979-11-15	D	62611		3439.88	NAVD88	1	Z
1979-11-15	D	72019	281.12			1	Z
.984-02-02	D	62610		3437.54	NGVD29	1	Z
.984-02-02	D	62611		3439.14	NAVD88	1	Z
984-02-02	D	72019	281.86			1	Z
.989-02-10	D	62610		3438.59	NGVD29	1	Z
.989-02-10	D	62611		3440.19	NAVD88	1	Z
1989-02-10	D	72019	280.81			1	Z

Fx	plan	atio	on

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 Month		
Parameter code	62610	Groundwater level above NGVD 1929, feet		
Parameter code	er 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		
Method of measurement	Z	Other.		
Measuring agency		Not determined		
Source of measurement		Not determined		
Water-level approval status	А	Approved for publication Processing and review completed.		

Questions about sites/data? Feedback on this web site Automated retrievals Help



Page Contact Information: <u>New Mexico Water Data Maintainer</u> Page Last Modified: 2022-10-02 11:33:08 EDT

0.28 0.25 nadww01



### New Mexico Office of the State Engineer

# **Point of Diversion Summary**

19S 24E

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number** 

Q64 Q16 Q4 Sec Tws Rng

RA 05723

539170 3608353\*

**Driller License:** 

353

**Driller Company:** 

OSBOURN DRILLING & PUMP CO.

**Driller Name:** 

**Drill Start Date:** 02/22/1972 **Drill Finish Date:** 

03/13/1972

**Plug Date:** 

Log File Date:

03/15/1972

**PCW Rcv Date:** 

Source:

Shallow

**Pump Type:** 

Pipe Discharge Size:

**Estimated Yield:** 

**Casing Size:** 

7.00

Depth Well:

310 feet

**Depth Water:** 

270 feet

**Water Bearing Stratifications:** 

**Top Bottom Description** 

272

290 Limestone/Dolomite/Chalk

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.

10/2/22 9:27 AM

POINT OF DIVERSION SUMMARY

<sup>\*</sup>UTM location was derived from PLSS - see Help



#### Click to hideNews Bulletins

- Explore the NEW <u>USGS National Water Dashboard</u> 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 =

323549104365101

#### Minimum number of levels = 1

Save file of selected sites to local disk for future upload

#### USGS 323549104365101 20S.24E.05.331141

Eddy County, New Mexico

Latitude 32°35'49", Longitude 104°36'51" NAD27

Land-surface elevation 3,847 feet above NAVD88

The depth of the well is 500 feet below land surface.

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

This well is completed in the Rustler Formation (312RSLR) local aquifer.

#### **Output formats**

Table of data
Tab-separated data
Graph of data

Reselect perio	<u>)a</u>									
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
1968-12-12		D	62610		3369.83	NGVD29	1	Z		
1968-12-12		D	62611		3371.50	NAVD88	1	Z		
1968-12-12		D	72019	475.50			1	Z		
1970-01-12		D	62610		3370.93	NGVD29	1	Z		
1970-01-12		D	62611		3372.60	NAVD88	1	Z		
1970-01-12		D	72019	474.40			1	Z		
1971-01-20		D	62610		3370.12	NGVD29	1	Z		
1971-01-20		D	62611		3371.79	NAVD88	1	Z		
1971-01-20		D	72019	475.21			1	Z		
1974-01-24		D	62610		3360.63	NGVD29	1	Z		
1974-01-24		D	62611		3362.30	NAVD88	1	Z		
1974-01-24		D	72019	484.70			1	Z		
1975-01-14		D	62610		3359.68	NGVD29	1	Z		
1975-01-14		D	62611		3361.35	NAVD88	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	5
1975-01-14	D	72019	485.65		1	Z	
1979-01-30	D	62610	3358.58	NGVD29	1	Z	
1979-01-30	D	62611	3360.25	NAVD88	1	Z	
1979-01-30	D	72019	486.75		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
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	Α	Approved for publication Processing and review completed.

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

Accessibility

FOIA

Privacy

Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey Title: Groundwater for New Mexico: Water Levels

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

Page Contact Information: New Mexico Water Data Maintainer Page Last Modified: 2022-10-02 11:31:42 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 Tws Rng

20S 24E

RA 05478

Water Bearing Stratifications:

536272 3605389\*

**Driller License:** 

**Driller Company:** 

ABBOTT BROTHERS COMPANY

**Driller Name:** 

**Drill Start Date:** 02/25/1969 **Drill Finish Date:** 

03/07/1969

**Plug Date:** 

Log File Date:

03/24/1969 **PCW Rcv Date:**  Source:

Shallow

**Pump Type: Casing Size:**  Pipe Discharge Size:

Depth Well:

**Estimated Yield: Depth Water:** 

500 feet

**Top Bottom Description** 257

550 feet

Limestone/Dolomite/Chalk 270 Limestone/Dolomite/Chalk 289 292 Shale/Mudstone/Siltstone

480 Sandstone/Gravel/Conglomerate

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, or suitability for any particular purpose of the data.

10/2/22 9:29 AM

POINT OF DIVERSION SUMMARY

<sup>\*</sup>UTM location was derived from PLSS - see Help

# **APPENDIX E**

# CARMONA RESOURCES

Report to:
Conner Moehring



5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

Practical Solutions for a Better Tomorrow

### **Analytical Report**

Carmona Resources

Project Name: Mimosa Federal SWD 003

Work Order: E210025

Job Number: [none]

Received: 10/6/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 10/10/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/10/22

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

Project Name: Mimosa Federal SWD 003

Workorder: E210025

Date Received: 10/6/2022 10:07:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/6/2022 10:07:00AM, under the Project Name: Mimosa Federal SWD 003.

The analytical test results summarized in this report with the Project Name: Mimosa Federal SWD 003 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Rayny Hagan

Technical Representative

Alexa Michaels

West Texas Midland/Odessa Area

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

#### **Sample Summary**

Carmona Resources	Project Name:	Mimosa Federal SWD 003	Donoutode
310 West Wall St. Suite 415	Project Number:		Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	10/10/22 16:38

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S-1 (0 - 1')	E210025-01A	Soil	10/04/22	10/06/22	Glass Jar, 4 oz.
S-2 (0 - 1')	E210025-02A	Soil	10/04/22	10/06/22	Glass Jar, 4 oz.
S-3 (0 .5')	E210025-03A	Soil	10/04/22	10/06/22	Glass Jar, 4 oz.
S-4 (0 - 1')	E210025-04A	Soil	10/04/22	10/06/22	Glass Jar, 4 oz.
S-5 (0 - 1')	E210025-05A	Soil	10/04/22	10/06/22	Glass Jar, 4 oz.
S-6 (0 - 1'	E210025-06A	Soil	10/04/22	10/06/22	Glass Jar, 4 oz.
H-1 (0 - 5')	E210025-07A	Soil	10/04/22	10/06/22	Glass Jar, 4 oz.
H-2 (0 - 5')	E210025-08A	Soil	10/04/22	10/06/22	Glass Jar, 4 oz.
H-3 (0 - 5')	E210025-09A	Soil	10/04/22	10/06/22	Glass Jar, 4 oz.
H-4 (0 - 5')	E210025-10A	Soil	10/04/22	10/06/22	Glass Jar, 4 oz.



Carmona Resources	Project Name:	Mimosa Federal SWD 003	
310 West Wall St. Suite 415	Project Number:	[none]	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	10/10/2022 4:38:21PM

S-1 (0 - 1') E210025-01

		E210025-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
· · · · · · · · · · · · · · · · · · ·	resur			•	7 11141 7 204	110105
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: IY		Batch: 2241085
Benzene	ND	0.0250	1	10/06/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/06/22	10/07/22	
Toluene	ND	0.0250	1	10/06/22	10/07/22	
o-Xylene	ND	0.0250	1	10/06/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/06/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/06/22	10/07/22	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	10/06/22	10/07/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2241085
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/06/22	10/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.5 %	70-130	10/06/22	10/07/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: JL		Batch: 2241086
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/22	10/06/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/22	10/06/22	
Surrogate: n-Nonane		106 %	50-200	10/06/22	10/06/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: RAS		Batch: 2241087
Chloride	775	20.0	1	10/06/22	10/06/22	



Carmona Resources	Project Name:	Mimosa Federal SWD 003	
310 West Wall St. Suite 415	Project Number:	[none]	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	10/10/2022 4:38:21PM

S-2 (0 - 1') E210025-02

		E210025-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2241085
Benzene	ND	0.0250	1	10/06/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/06/22	10/07/22	
Toluene	ND	0.0250	1	10/06/22	10/07/22	
o-Xylene	ND	0.0250	1	10/06/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/06/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/06/22	10/07/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	10/06/22	10/07/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: IY		Batch: 2241085
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/06/22	10/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.1 %	70-130	10/06/22	10/07/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2241086
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/22	10/06/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/22	10/06/22	
Surrogate: n-Nonane		111 %	50-200	10/06/22	10/06/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2241087
Chloride	417	200	10	10/06/22	10/06/22	



Carmona Resources	Project Name:	Mimosa Federal SWD 003	
310 West Wall St. Suite 415	Project Number:	[none]	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	10/10/2022 4:38:21PM

#### S-3 (0 .5') E210025-03

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: IY		Batch: 2241085
ND	0.0250	1	10/06/22	10/07/22	
ND	0.0250	1	10/06/22	10/07/22	
ND	0.0250	1	10/06/22	10/07/22	
ND	0.0250	1	10/06/22	10/07/22	
ND	0.0500	1	10/06/22	10/07/22	
ND	0.0250	1	10/06/22	10/07/22	
	101 %	70-130	10/06/22	10/07/22	
mg/kg	mg/kg	Ana	Analyst: IY		Batch: 2241085
ND	20.0	1	10/06/22	10/07/22	
	95.9 %	70-130	10/06/22	10/07/22	
mg/kg	mg/kg	Ana	lyst: JL		Batch: 2241086
ND	25.0	1	10/06/22	10/07/22	
ND	50.0	1	10/06/22	10/07/22	
	102 %	50-200	10/06/22	10/07/22	
mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2241087
230	20.0	1	10/06/22	10/06/22	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           ND         20.0250           MB/kg         mg/kg           MB/kg         mg/kg           ND         20.0           95.9 %         mg/kg           ND         25.0           ND         50.0           102 %         mg/kg           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         Ana           ND         0.0250         1           ND         70-130           mg/kg         mg/kg         Ana           ND         20.0         1           95.9 %         70-130           mg/kg         mg/kg         Ana           ND         25.0         1           ND         50.0         1           102 %         50-200           mg/kg         mg/kg         Ana	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         10/06/22           ND         0.0250         1         10/06/22           ND         0.0250         1         10/06/22           ND         0.0500         1         10/06/22           ND         0.0250         1         10/06/22           ND         0.0250         1         10/06/22           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         10/06/22           mg/kg         mg/kg         Analyst: JL           ND         25.9 %         70-130         10/06/22           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         10/06/22           ND         50.0         1         10/06/22           ND         50.0         1         10/06/22           mg/kg         Mg/kg         Analyst: JL	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         10/06/22         10/07/22           ND         0.0250         1         10/06/22         10/07/22           ND         0.0250         1         10/06/22         10/07/22           ND         0.0500         1         10/06/22         10/07/22           ND         0.0250         1         10/06/22         10/07/22           ND         0.0250         1         10/06/22         10/07/22           mg/kg         mg/kg         Analyst: IY         ND         10/07/22           mg/kg         mg/kg         Analyst: IY         ND         20.0         1         10/06/22         10/07/22           mg/kg         mg/kg         Analyst: JL         ND         25.9         70-130         10/06/22         10/07/22           ND         25.0         1         10/06/22         10/07/22           ND         50.0         1         10/06/22         10/07/22           ND         50.0         1         10/06/22         10/07/22           Mg/kg         Mg/



Carmona Resources	Project Name:	Mimosa Federal SWD 003	
310 West Wall St. Suite 415	Project Number:	[none]	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	10/10/2022 4:38:21PM

S-4 (0 - 1') E210025-04

		E210025-04				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
. Ilm., w				•	1 11111 / 201	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2241085
Benzene	ND	0.0250	1	10/06/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/06/22	10/07/22	
Toluene	ND	0.0250	1	10/06/22	10/07/22	
o-Xylene	ND	0.0250	1	10/06/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/06/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/06/22	10/07/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	10/06/22	10/07/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2241085
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/06/22	10/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.3 %	70-130	10/06/22	10/07/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2241086
Diesel Range Organics (C10-C28)	106	25.0	1	10/06/22	10/07/22	
Oil Range Organics (C28-C36)	135	50.0	1	10/06/22	10/07/22	
Surrogate: n-Nonane		100 %	50-200	10/06/22	10/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: RAS		Batch: 2241087
Chloride	13900	1000	50	10/06/22	10/06/22	



Carmona Resources	Project Name:	Mimosa Federal SWD 003	
310 West Wall St. Suite 415	Project Number:	[none]	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	10/10/2022 4:38:21PM

S-5 (0 - 1') E210025-05

		E210023-03				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Tillalyee	resur	Emit	Differen	Trepared	7 Hary Zea	110005
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY	Batch: 2241085	
Benzene	ND	0.0250	1	10/06/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/06/22	10/07/22	
Toluene	ND	0.0250	1	10/06/22	10/07/22	
o-Xylene	ND	0.0250	1	10/06/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/06/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/06/22	10/07/22	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	10/06/22	10/07/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2241085
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/06/22	10/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.4 %	70-130	10/06/22	10/07/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2241086
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/22	10/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/22	10/07/22	
Surrogate: n-Nonane		110 %	50-200	10/06/22	10/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2241087
Chloride	1730	40.0	2	10/06/22	10/06/22	



Carmona Resources	Project Name:	Mimosa Federal SWD 003	
310 West Wall St. Suite 415	Project Number:	[none]	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	10/10/2022 4:38:21PM

#### S-6 (0 - 1' E210025-06

	L210023 00				
Result	Reporting Limit		n Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2241085
ND	0.0250	1	10/06/22	10/07/22	
ND	0.0250	1	10/06/22	10/07/22	
ND	0.0250	1	10/06/22	10/07/22	
ND	0.0250	1	10/06/22	10/07/22	
ND	0.0500	1	10/06/22	10/07/22	
ND	0.0250	1	10/06/22	10/07/22	
	101 %	70-130	10/06/22	10/07/22	
mg/kg	mg/kg	Ana	alyst: IY		Batch: 2241085
ND	20.0	1	10/06/22	10/07/22	
	95.5 %	70-130	10/06/22	10/07/22	
mg/kg	mg/kg	Ana	ılyst: JL		Batch: 2241086
ND	25.0	1	10/06/22	10/07/22	
ND	50.0	1	10/06/22	10/07/22	
	103 %	50-200	10/06/22	10/07/22	
mg/kg	mg/kg	Ana	nlyst: RAS		Batch: 2241087
807	20.0	1	10/06/22	10/06/22	
	mg/kg ND Mg/kg ND mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           MD         20.0250           MD         20.0           95.5 %         mg/kg           MD         25.0           ND         50.0           103 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg         Ana           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           mg/kg         mg/kg         Ana           ND         20.0         1           95.5 %         70-130         70-130           mg/kg         mg/kg         Ana           ND         25.0         1           ND         50.0         1           103 %         50-200           mg/kg         mg/kg         Ana	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         10/06/22           ND         0.0250         1         10/06/22           ND         0.0250         1         10/06/22           ND         0.0500         1         10/06/22           ND         0.0250         1         10/06/22           ND         0.0250         1         10/06/22           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         10/06/22           mg/kg         mg/kg         Analyst: JL           ND         25.5 %         70-130         10/06/22           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         10/06/22           ND         50.0         1         10/06/22           ND         50.0         1         10/06/22           mg/kg         mg/kg         Analyst: RAS	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         10/06/22         10/07/22           ND         0.0250         1         10/06/22         10/07/22           ND         0.0250         1         10/06/22         10/07/22           ND         0.0500         1         10/06/22         10/07/22           ND         0.0250         1         10/06/22         10/07/22           ND         0.0250         1         10/06/22         10/07/22           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         10/06/22         10/07/22           mg/kg         mg/kg         Analyst: IY         ND         25.5 %         70-130         10/06/22         10/07/22           mg/kg         mg/kg         Analyst: JL         ND         25.0         1         10/06/22         10/07/22           ND         25.0         1         10/06/22         10/07/22           ND         50.0         1         10/06/22         10/07/22           ND         50.0         1         10/06/22<



Carmona Resources	Project Name:	Mimosa Federal SWD 003	
310 West Wall St. Suite 415	Project Number:	[none]	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	10/10/2022 4:38:21PM

H-1 (0 - 5') E210025-07

		E210025-07				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Allaryte	Result	Lillit	Dilution	Trepared	Allalyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2241085
Benzene	ND	0.0250	1	10/06/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/06/22	10/07/22	
Toluene	ND	0.0250	1	10/06/22	10/07/22	
o-Xylene	ND	0.0250	1	10/06/22	10/07/22	
o,m-Xylene	ND	0.0500	1	10/06/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/06/22	10/07/22	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	10/06/22	10/07/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2241085
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/06/22	10/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.8 %	70-130	10/06/22	10/07/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2241086
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/22	10/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/22	10/07/22	
Surrogate: n-Nonane		116 %	50-200	10/06/22	10/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2241087
Chloride	73.8	20.0	1	10/06/22	10/06/22	



Carmona Resources	Project Name:	Mimosa Federal SWD 003	
310 West Wall St. Suite 415	Project Number:	[none]	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	10/10/2022 4:38:21PM

H-2 (0 - 5')

		E210025-08				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2241085
Benzene	ND	0.0250	1	10/06/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/06/22	10/07/22	
Toluene	ND	0.0250	1	10/06/22	10/07/22	
o-Xylene	ND	0.0250	1	10/06/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/06/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/06/22	10/07/22	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	10/06/22	10/07/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2241085
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/06/22	10/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.6 %	70-130	10/06/22	10/07/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2241086
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/22	10/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/22	10/07/22	
Surrogate: n-Nonane		114 %	50-200	10/06/22	10/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2241087
Chloride	177	20.0	1	10/06/22	10/06/22	



Carmona Resources	Project Name:	Mimosa Federal SWD 003	
310 West Wall St. Suite 415	Project Number:	[none]	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	10/10/2022 4:38:21PM

H-3 (0 - 5') E210025-09

		E210025-09				
Againta	Result	Reporting Limit	Dilution	Duomonod	Analyzed	Notes
Analyte	Resuit	Limit	Dilution	Prepared	Anaryzed	notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2241085
Benzene	ND	0.0250	1	10/06/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/06/22	10/07/22	
Toluene	ND	0.0250	1	10/06/22	10/07/22	
o-Xylene	ND	0.0250	1	10/06/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/06/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/06/22	10/07/22	
Surrogate: 4-Bromochlorobenzene-PID		109 %	70-130	10/06/22	10/07/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2241085
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/06/22	10/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.4 %	70-130	10/06/22	10/07/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2241086
Diesel Range Organics (C10-C28)	130	25.0	1	10/06/22	10/07/22	
Oil Range Organics (C28-C36)	193	50.0	1	10/06/22	10/07/22	
Surrogate: n-Nonane		116 %	50-200	10/06/22	10/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: RAS		Batch: 2241087
Chloride	1440	200	10	10/06/22	10/06/22	



Carmona Resources	Project Name:	Mimosa Federal SWD 003	
310 West Wall St. Suite 415	Project Number:	[none]	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	10/10/2022 4:38:21PM

H-4 (0 - 5') E210025-10

		E210025-10				
Aughte	Result	Reporting Limit	Dilution	Duomono J	A malarga J	Notes
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2241085
Benzene	ND	0.0250	1	10/06/22	10/07/22	
Ethylbenzene	ND	0.0250	1	10/06/22	10/07/22	
Toluene	ND	0.0250	1	10/06/22	10/07/22	
o-Xylene	ND	0.0250	1	10/06/22	10/07/22	
p,m-Xylene	ND	0.0500	1	10/06/22	10/07/22	
Total Xylenes	ND	0.0250	1	10/06/22	10/07/22	
Surrogate: 4-Bromochlorobenzene-PID		110 %	70-130	10/06/22	10/07/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2241085
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/06/22	10/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.1 %	70-130	10/06/22	10/07/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2241086
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/22	10/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/22	10/07/22	
Surrogate: n-Nonane		109 %	50-200	10/06/22	10/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2241087
Chloride	483	20.0	1	10/06/22	10/06/22	



Surrogate: 4-Bromochlorobenzene-PID

8.18

#### **QC Summary Data**

Carmona Resources Project Name: Mimosa Federal SWD 003
Reported:
310 West Wall St. Suite 415
Project Number: [none]
Midland TX, 79701
Project Manager: Conner Moehring 10/10/2022 4:38:21PM

Midland TX, 79701		Project Manager	: Co	onner Moehrii	ng				10/10/2022 4:38:21PM		
Volatile Organics by EPA 8021B An											
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2241085-BLK1)							Prepared: 1	0/06/22	Analyzed: 10/06/22		
Benzene	ND	0.0250									
Ethylbenzene	ND	0.0250									
Toluene	ND	0.0250									
o-Xylene	ND	0.0250									
o,m-Xylene	ND	0.0500									
Total Xylenes	ND	0.0250									
Surrogate: 4-Bromochlorobenzene-PID	8.19		8.00		102	70-130					
LCS (2241085-BS1)							Prepared: 1	0/06/22	Analyzed: 10/06/22		
Benzene	4.87	0.0250	5.00		97.4	70-130					
Ethylbenzene	5.20	0.0250	5.00		104	70-130					
Toluene	5.24	0.0250	5.00		105	70-130					
p-Xylene	5.36	0.0250	5.00		107	70-130					
o,m-Xylene	10.5	0.0500	10.0		105	70-130					
Total Xylenes	15.9	0.0250	15.0		106	70-130					
Surrogate: 4-Bromochlorobenzene-PID	8.18		8.00		102	70-130					
LCS Dup (2241085-BSD1)							Prepared: 1	0/06/22	Analyzed: 10/06/22		
Benzene	4.41	0.0250	5.00		88.2	70-130	9.91	20			
Ethylbenzene	4.71	0.0250	5.00		94.3	70-130	9.71	20			
Toluene	4.75	0.0250	5.00		95.0	70-130	9.74	20			
o-Xylene	4.87	0.0250	5.00		97.3	70-130	9.70	20			
p,m-Xylene	9.56	0.0500	10.0		95.6	70-130	9.57	20			
Total Xylenes	14.4	0.0250	15.0		96.2	70-130	9.61	20			

70-130



Surrogate: 1-Chloro-4-fluorobenzene-FID

7.75

#### **QC Summary Data**

Carmona ResourcesProject Name:Mimosa Federal SWD 003Reported:310 West Wall St. Suite 415Project Number:[none]Midland TX, 79701Project Manager:Conner Moehring10/10/2022 4:38:21PM

Midland TX, 79701		Project Manager		onner Moehrii	ng			10/1	10/2022 4:38:21PN
	Non	halogenated	Organics l	by EPA 80	15D - G	RO		A	Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2241085-BLK1)							Prepared: 1	0/06/22 Anal	yzed: 10/06/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.67		8.00		95.9	70-130			
LCS (2241085-BS2)							Prepared: 1	0/06/22 Anal	yzed: 10/06/22
Gasoline Range Organics (C6-C10)	58.7	20.0	50.0		117	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.78		8.00		97.2	70-130			
LCS Dup (2241085-BSD2)							Prepared: 1	0/06/22 Anal	yzed: 10/06/22
Gasoline Range Organics (C6-C10)	56.1	20.0	50.0		112	70-130	4.46	20	

96.9

70-130



#### **QC Summary Data**

Carmona ResourcesProject Name:Mimosa Federal SWD 003Reported:310 West Wall St. Suite 415Project Number:[none]Midland TX, 79701Project Manager:Conner Moehring10/10/2022 4:38:21PM

Midland 1X, /9/01		Project Manage	r: Co	nner Moenrii	ng			10	0/10/2022 4:38:21PN
	Nonha	logenated Or	ganics by	EPA 8015I	) - DRO	ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2241086-BLK1)							Prepared: 1	0/06/22 Ana	alyzed: 10/06/22
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	62.2		50.0		124	50-200			
LCS (2241086-BS1)							Prepared: 1	0/06/22 Ana	alyzed: 10/06/22
Diesel Range Organics (C10-C28)	287	25.0	250		115	38-132			
Surrogate: n-Nonane	55.8		50.0		112	50-200			
Matrix Spike (2241086-MS1)				Source:	E210025-0	06	Prepared: 1	0/06/22 Ana	alyzed: 10/06/22
Diesel Range Organics (C10-C28)	269	25.0	250	ND	108	38-132			
Surrogate: n-Nonane	46.7		50.0		93.4	50-200			
Matrix Spike Dup (2241086-MSD1)				Source:	E210025-	06	Prepared: 1	0/06/22 Ana	alyzed: 10/06/22
Diesel Range Organics (C10-C28)	207	25.0	250	ND	82.7	38-132	26.1	20	R3
Surrogate: n-Nonane	32.9		50.0		65.8	50-200			



#### **QC Summary Data**

Carmona Resources 310 West Wall St. Suite 415		Project Name: Project Number:	[1	Iimosa Federa none]		i			Reported:
Midland TX, 79701		Project Manager	: С	onner Moehri	ng				10/10/2022 4:38:211
		Anions	by EPA	300.0/9056 <i>£</i>	4				Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2241087-BLK1)							Prepared: 1	0/06/22 <i>A</i>	Analyzed: 10/06/22
Chloride	ND	20.0							
LCS (2241087-BS1)							Prepared: 1	0/06/22 A	Analyzed: 10/06/22
Chloride	254	20.0	250		101	90-110			
Matrix Spike (2241087-MS1)				Source:	E210023-	)1	Prepared: 1	0/06/22 A	Analyzed: 10/06/22
Chloride	253	40.0	250	ND	101	80-120			
Matrix Spike Dup (2241087-MSD1)				Source:	E210023-	)1	Prepared: 1	0/06/22 A	Analyzed: 10/06/22
Chloride	248	40.0	250	ND	99.0	80-120	2.21	20	

#### QC Summary Report Comment:

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



#### **Definitions and Notes**

Carmona Resources	Project Name:	Mimosa Federal SWD 003	
310 West Wall St. Suite 415	Project Number:		Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	10/10/22 16:38

R3 The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



						GI	taili	01	ous	,,,,,,	y						١	Vork O	rder	No	:E21α	)25_
	T				1				B11.1.1					-		_		10/	1. 0		Page1_	of1
Project Manager:	Conner Moe				Bill to: (if			Mark	Ritchie	9				-			Carl Car	_			Comments	
Company Name:	Carmona Re	esources			Company	/ Name:								_				ST LPR	P L	rowr	nfields RC	perfund
Address:	310 W Wall	St Ste 415			Address:												roject:	_	-	_	_	
City, State ZIP:	Midland, TX	79701			City, Stat	e ZIP:												Level				Level IV
Phone:	(432) 813-6	823		Emai	l: mritchie	@silvert	oackexp	com							De	liverab	les: ED	D $\square$	Al	DaP'	T Other:	
Project Name:	Mir	nosa Federal SV	VD 003	Tur	n Around							AN	ALYS	IS RE	REQUEST Preservative				ive Codes			
Project Number:		1148		Routine	✓ Rush	1	Pres. Code														None: NO	DI Water: H <sub>2</sub> O
Project Location	Ed	dy County, New	Mexico	Due Date:	72	HR															Cool: Cool	MeOH: Me
Sampler's Name:		GP/MM							MRO)									1			HCL: HC	HNO <sub>3</sub> ; HN
PO#:							S		+						-1			1 1	- 1		H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub>	NaOH: Na
SAMPLE RECE	IPT	Temp Blank:	Yes No	Wet Ice:	Yes	No	Parameters	18	DRO	300.0					- 8			1 1	- 1		H <sub>3</sub> PO <sub>4</sub> : HP	
Received Intact:		Yes No	Thermometer I	D:			aran	8021B	0	Je 3(								1 1	1		NaHSO <sub>4</sub> : NABIS	8
Cooler Custody Sea	als: Ye	es No N/A	Correction Fac	tor:			ď	втех	(GRO	Chloride											Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	3
Sample Custody Se.	als: Ye	es No N/A	Temperature R	eading:				0	15M	င်								1 1	- 1		Zn Acetate+NaO	
Total Containers:			Corrected Tem	perature:					TPH 8015M (									1 1			NaOH+Ascorbic	Acid: SAPC
Sample Ide	entification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		Į.												Sample C	omments
S-1 (0	0-1')	10/4/2022		X		G	1	X	X	X										1		
S-2 (0	0-1')	10/4/2022		X		G	1	X	X	X										2		
S-3 (0	0.5')	10/4/2022		X		G	1	X	X	X										3		

Comments:

S-4 (0-1')

S-5 (0-1')

S-6 (0-1'

H-1 (0-5')

H-2 (0-5')

H-3 (0-5')

H-4 (0-5')

10/4/2022

10/4/2022

10/4/2022

10/4/2022

10/4/2022

10/4/2022

10/4/2022

X

X

X

X

X

X

X

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
milled m	10.05.2022	6.11	10.5.22
+3	10.5.22	the Clate	10/6/22 10:07
810			

XX

XX

XX

X

XX

X

XX

X

X

1

1

1

1

1

G

G

G

G

G

G

G

X

X

X

X

X

X

X

45

6

10

Page 60 of 105

Printed: 10/6/2022 10:10:37AM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	10/06/22 10:	07	Work Order ID	): E210025
Phone:	(432) 813-6823	Date Logged In:	10/05/22 16:	36	Logged In By:	Caitlin Christian
Email:	cmoehring@carmonaresouces.com	Due Date:	10/10/22 17:	:00 (2 day TAT)		
Chain of	Custody (COC)					
1. Does th	ne sample ID match the COC?		Yes			
2. Does th	ne number of samples per sampling site location ma	tch the COC	Yes			
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: <u>U</u>	<u>IPS</u>	
4. Was the	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	No			
5. Were al	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in	1 the field	Yes			
	i.e, 15 minute hold time, are not included in this disucssi			_	Comm	ents/Resolution
Sample T	<u>urn Around Time (TAT)</u>					.1.1. 606
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Time sampled not pro	ovided on COC.
Sample C	<u>Cooler</u>					
7. Was a s	sample cooler received?		Yes			
8. If yes, v	was cooler received in good condition?		Yes			
9. Was the	e sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If yes,	were custody/security seals intact?		NA			
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling	e received w/i 15	Yes			
13. If no v	visible ice, record the temperature. Actual sample	temperature: 4°C	<u> </u>			
Sample C						
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers		Yes			
	appropriate volume/weight or number of sample contain	ners collected?	Yes			
Field Lab						
	field sample labels filled out with the minimum info	ormation:	Voc			
	ample ID? ate/Time Collected?		Yes	L		
	ollectors name?		No No			
	reservation		110			
	the COC or field labels indicate the samples were pr	reserved?	No			
22. Are sa	imple(s) correctly preserved?		NA			
	filteration required and/or requested for dissolved n	netals?	No			
Multipha	se Sample Matrix					
	the sample have more than one phase, i.e., multipha	se?	No			
	does the COC specify which phase(s) is to be analy		NA			
•	act Laboratory	,	1112			
	arc <u>Laboratory</u> Imples required to get sent to a subcontract laborato	m19	No			
	subcontract laboratory specified by the client and it	•		ubcontract Lab	· no	
		1 30 WIIO:	IVA 5	uocomiaci Lao	. па	
Client In	<u>struction</u>					

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

Report to:
Conner Moehring



5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

Practical Solutions for a Better Tomorrow

### **Analytical Report**

Carmona Resources

Project Name: Mimosa Federal SWD 003

Work Order: E210101

Job Number: 22113-0001

Received: 10/19/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 10/25/22

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

Date Reported: 10/25/22

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

Project Name: Mimosa Federal SWD 003

Workorder: E210101

Date Received: 10/19/2022 10:40:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/19/2022 10:40:00AM, under the Project Name: Mimosa Federal SWD 003.

The analytical test results summarized in this report with the Project Name: Mimosa Federal SWD 003 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

**Alexa Michaels** 

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

**Southern New Mexico Area** Lynn Jarboe

Technical Representative/Client Services

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Rayny Hagan Technical Representative

West Texas Midland/Odessa Area

Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

# Table of Contents

7	itle Page	1
(	Cover Page	2
7	able of Contents	3
5	Sample Summary	5
5	Sample Data	6
	T-1 (0-1')	6
	T-1 (1.5')	7
	T-1 (2')	8
	T-1 (3')	9
	T-2 (0-1')	10
	T-2 (1.5')	11
	T-2 (2')	12
	T-2 (3')	13
	T-3 (0-1')	14
	T-3 (1.5')	15
	T-3 (2')	16
	T-3 (3')	17
	T-4 (0-1')	18
	T-4 (1.5')	19
	T-4 (2')	20
	T-4 (3')	21
	H-3 (0-0.5')	22
(	QC Summary Data	23
	QC - Volatile Organics by EPA 8021B	23
	QC - Nonhalogenated Organics by EPA 8015D - GRO	24

# Table of Contents (continued)

QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	25
QC - Anions by EPA 300.0/9056A	26
Definitions and Notes	27
Chain of Custody etc.	28

#### Sample Summary

Carmona Resources	Project Name:	Mimosa Federal SWD 003	Donoutode
310 West Wall St. Suite 415	Project Number:	22113-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	10/25/22 15:16

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
T-1 (0-1')	E210101-01A	Soil	10/17/22	10/19/22	Glass Jar, 4 oz.
T-1 (1.5')	E210101-02A	Soil	10/17/22	10/19/22	Glass Jar, 4 oz.
T-1 (2')	E210101-03A	Soil	10/17/22	10/19/22	Glass Jar, 4 oz.
T-1 (3')	E210101-04A	Soil	10/17/22	10/19/22	Glass Jar, 4 oz.
T-2 (0-1')	E210101-05A	Soil	10/17/22	10/19/22	Glass Jar, 4 oz.
T-2 (1.5')	E210101-06A	Soil	10/17/22	10/19/22	Glass Jar, 4 oz.
T-2 (2')	E210101-07A	Soil	10/17/22	10/19/22	Glass Jar, 4 oz.
T-2 (3')	E210101-08A	Soil	10/17/22	10/19/22	Glass Jar, 4 oz.
T-3 (0-1')	E210101-09A	Soil	10/17/22	10/19/22	Glass Jar, 4 oz.
T-3 (1.5')	E210101-10A	Soil	10/17/22	10/19/22	Glass Jar, 4 oz.
T-3 (2')	E210101-11A	Soil	10/17/22	10/19/22	Glass Jar, 4 oz.
T-3 (3')	E210101-12A	Soil	10/17/22	10/19/22	Glass Jar, 4 oz.
T-4 (0-1')	E210101-13A	Soil	10/17/22	10/19/22	Glass Jar, 4 oz.
T-4 (1.5')	E210101-14A	Soil	10/17/22	10/19/22	Glass Jar, 4 oz.
T-4 (2')	E210101-15A	Soil	10/17/22	10/19/22	Glass Jar, 4 oz.
T-4 (3')	E210101-16A	Soil	10/17/22	10/19/22	Glass Jar, 4 oz.
H-3 (0-0.5')	E210101-17A	Soil	10/17/22	10/19/22	Glass Jar, 4 oz.



Carmona Resources	Project Name:	Mimosa Federal SWD 003	
310 West Wall St. Suite 415	Project Number:	22113-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	10/25/2022 3:16:28PM

#### T-1 (0-1') E210101-01

Result		Dilution	Prepared	Analyzed	Notes
		•		111111,200	Batch: 2243093
0.0692	0.0250	1	10/20/22	10/21/22	
ND	0.0250	1	10/20/22	10/21/22	
0.0420	0.0250	1	10/20/22	10/21/22	
ND	0.0250	1	10/20/22	10/21/22	
ND	0.0500	1	10/20/22	10/21/22	
ND	0.0250	1	10/20/22	10/21/22	
	101 %	70-130	10/20/22	10/21/22	
mg/kg	mg/kg	Anal	yst: RKS		Batch: 2243093
ND	20.0	1	10/20/22	10/21/22	
	95.3 %	70-130	10/20/22	10/21/22	
mg/kg	mg/kg	Anal	yst: JL		Batch: 2243077
ND	25.0	1	10/21/22	10/21/22	
ND	50.0	1	10/21/22	10/21/22	
	99.4 %	50-200	10/21/22	10/21/22	
mg/kg	mg/kg	Anal	yst: RAS		Batch: 2243102
205	20.0	1	10/21/22	10/21/22	
	ND 0.0420 ND ND ND ND Mg/kg ND mg/kg ND mg/kg	mg/kg         mg/kg           0.0692         0.0250           ND         0.0250           0.0420         0.0250           ND         0.0500           ND         0.0250           IOI %         mg/kg           MD         20.0           95.3 %         mg/kg           ND         25.0           ND         50.0           99.4 %         mg/kg           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         Anal           0.0692         0.0250         1           ND         0.0250         1           0.0420         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         70-130           mg/kg         mg/kg         Anal           ND         20.0         1           95.3 %         70-130           mg/kg         mg/kg         Anal           ND         25.0         1           ND         50.0         1           99.4 %         50-200           mg/kg         mg/kg         Anal	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           0.0692         0.0250         1         10/20/22           ND         0.0250         1         10/20/22           0.0420         0.0250         1         10/20/22           ND         0.0250         1         10/20/22           ND         0.0500         1         10/20/22           ND         0.0250         1         10/20/22           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         10/20/22           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         10/21/22           ND         50.0         1         10/21/22           ND         50.0         1         10/21/22           ND         50.0         1         10/21/22           mg/kg         mg/kg         Analyst: JL	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           0.0692         0.0250         1         10/20/22         10/21/22           ND         0.0250         1         10/20/22         10/21/22           ND         0.0250         1         10/20/22         10/21/22           ND         0.0500         1         10/20/22         10/21/22           ND         0.0250         1         10/20/22         10/21/22           ND         0.0250         1         10/20/22         10/21/22           ND         0.0250         1         10/20/22         10/21/22           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         10/20/22         10/21/22           mg/kg         mg/kg         Analyst: JL         ND         25.0         1         10/20/22         10/21/22           ND         25.0         1         10/21/22         10/21/22         10/21/22           ND         50.0         1         10/21/22         10/21/22           ND         50.0         1         10/21/22         10/21/22 <tr< td=""></tr<>



Carmona Resources	Project Name:	Mimosa Federal SWD 003	
310 West Wall St. Suite 415	Project Number:	22113-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	10/25/2022 3:16:28PM

#### T-1 (1.5') E210101-02

	L210101 02				
Result	Reporting Limit		Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2243093
0.0357	0.0250	1	10/20/22	10/25/22	
ND	0.0250	1	10/20/22	10/25/22	
ND	0.0250	1	10/20/22	10/25/22	
ND	0.0250	1	10/20/22	10/25/22	
ND	0.0500	1	10/20/22	10/25/22	
ND	0.0250	1	10/20/22	10/25/22	
	101 %	70-130	10/20/22	10/25/22	
mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2243093
ND	20.0	1	10/20/22	10/25/22	
	97.1 %	70-130	10/20/22	10/25/22	
mg/kg	mg/kg	Ana	lyst: JL		Batch: 2243077
ND	25.0	1	10/21/22	10/21/22	
ND	50.0	1	10/21/22	10/21/22	
	103 %	50-200	10/21/22	10/21/22	
mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2243102
472	20.0	1	10/21/22	10/21/22	
	mg/kg  0.0357  ND  ND  ND  ND  ND  ND  ND  ND  ND  Mg/kg  ND  mg/kg  ND  mg/kg	Result         Limit           mg/kg         mg/kg           0.0357         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           IOI %         mg/kg           MD         20.0           97.1 %         mg/kg           ND         25.0           ND         50.0           103 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg         Ana           0.0357         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           MD         0.0250         1           MD         70-130         1           mg/kg         mg/kg         Ana           ND         20.0         1           97.1 %         70-130         1           mg/kg         mg/kg         Ana           ND         25.0         1           ND         50.0         1           103 %         50-200           mg/kg         Mg/kg         Ana	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           0.0357         0.0250         1         10/20/22           ND         0.0250         1         10/20/22           ND         0.0250         1         10/20/22           ND         0.0500         1         10/20/22           ND         0.0250         1         10/20/22           ND         0.0250         1         10/20/22           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         10/20/22           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         10/21/22           ND         50.0         1         10/21/22           ND         50.0         1         10/21/22           ND         50.0         1         10/21/22           Mg/kg         Mg/kg         Analyst: RAS	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           0.0357         0.0250         1         10/20/22         10/25/22           ND         0.0250         1         10/20/22         10/25/22           ND         0.0250         1         10/20/22         10/25/22           ND         0.0500         1         10/20/22         10/25/22           ND         0.0250         1         10/20/22         10/25/22           ND         0.0250         1         10/20/22         10/25/22           mg/kg         Mg/kg         Analyst: RKS           ND         20.0         1         10/20/22         10/25/22           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         10/20/22         10/25/22           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         10/21/22         10/21/22           ND         50.0         1         10/21/22         10/21/22           ND         50.0         1         10/21/22         10/21/22           ND         50.0



Carmona Resources	Project Name:	Mimosa Federal SWD 003	
310 West Wall St. Suite 415	Project Number:	22113-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	10/25/2022 3:16:28PM

#### T-1 (2') E210101-03

	E210101 05				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: RKS		Batch: 2243093
0.0361	0.0250	1	10/20/22	10/21/22	
ND	0.0250	1	10/20/22	10/21/22	
ND	0.0250	1	10/20/22	10/21/22	
ND	0.0250	1	10/20/22	10/21/22	
ND	0.0500	1	10/20/22	10/21/22	
ND	0.0250	1	10/20/22	10/21/22	
	101 %	70-130	10/20/22	10/21/22	
mg/kg	mg/kg	Anal	yst: RKS		Batch: 2243093
ND	20.0	1	10/20/22	10/21/22	
	96.8 %	70-130	10/20/22	10/21/22	
mg/kg	mg/kg	Anal	yst: JL		Batch: 2243077
ND	25.0	1	10/21/22	10/21/22	
ND	50.0	1	10/21/22	10/21/22	
	101 %	50-200	10/21/22	10/21/22	
mg/kg	mg/kg	Anal	yst: RAS		Batch: 2243102
951	20.0	1	10/21/22	10/21/22	
	mg/kg  0.0361  ND  ND  ND  ND  ND  ND  ND  ND  Mg/kg  ND  mg/kg  ND  mg/kg	Result         Limit           mg/kg         mg/kg           0.0361         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ID1 %         mg/kg           MD         20.0           96.8 %         mg/kg           ND         25.0           ND         50.0           I01 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg         Anal           0.0361         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           MB/kg         mg/kg         Anal           ND         20.0         1           96.8 %         70-130         70-130           mg/kg         mg/kg         Anal           ND         25.0         1           ND         50.0         1           101 %         50-200           mg/kg         mg/kg         Anal	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           0.0361         0.0250         1         10/20/22           ND         0.0250         1         10/20/22           ND         0.0250         1         10/20/22           ND         0.0500         1         10/20/22           ND         0.0250         1         10/20/22           ND         0.0250         1         10/20/22           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         10/20/22           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         10/21/22           ND         50.0         1         10/21/22           ND         50.0         1         10/21/22           MD         50.0         1         10/21/22           mg/kg         mg/kg         Analyst: JL	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           0.0361         0.0250         1         10/20/22         10/21/22           ND         0.0250         1         10/20/22         10/21/22           ND         0.0250         1         10/20/22         10/21/22           ND         0.0500         1         10/20/22         10/21/22           ND         0.0250         1         10/20/22         10/21/22           ND         0.0250         1         10/20/22         10/21/22           mg/kg         Mg/kg         Analyst: RKS           ND         20.0         1         10/20/22         10/21/22           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         10/20/22         10/21/22           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         10/21/22         10/21/22           ND         50.0         1         10/21/22         10/21/22           ND         50.0         1         10/21/22         10/21/22           ND         50.0



Carmona Resources	Project Name:	Mimosa Federal SWD 003	
310 West Wall St. Suite 415	Project Number:	22113-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	10/25/2022 3:16:28PM

#### T-1 (3') E210101-04

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg mg/kg Analyst: RKS			Batch: 2243093		
ND	0.0250	1	10/20/22	10/25/22	
ND	0.0250	1	10/20/22	10/25/22	
ND	0.0250	1	10/20/22	10/25/22	
ND	0.0250	1	10/20/22	10/25/22	
ND	0.0500	1	10/20/22	10/25/22	
ND	0.0250	1	10/20/22	10/25/22	
	99.7 %	70-130	10/20/22	10/25/22	
mg/kg	mg/kg	Analy	st: RKS		Batch: 2243093
ND	20.0	1	10/20/22	10/25/22	
	95.4 %	70-130	10/20/22	10/25/22	
mg/kg	mg/kg	Analy	vst: JL		Batch: 2243077
ND	25.0	1	10/21/22	10/21/22	
ND	50.0	1	10/21/22	10/21/22	
	104 %	50-200	10/21/22	10/21/22	
mg/kg	mg/kg	Analy	vst: RAS		Batch: 2243102
512	20.0	1	10/21/22	10/21/22	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         20.0250           MD         20.0           95.4 %         mg/kg           MD         25.0           ND         50.0           104 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg         Analy           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           99.7 %         70-130           mg/kg         mg/kg         Analy           ND         20.0         1           95.4 %         70-130         1           mg/kg         mg/kg         Analy           ND         25.0         1           ND         50.0         1           104 %         50-200           mg/kg         mg/kg         Analy	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         10/20/22           ND         0.0250         1         10/20/22           ND         0.0250         1         10/20/22           ND         0.0500         1         10/20/22           ND         0.0250         1         10/20/22           ND         0.0250         1         10/20/22           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         10/20/22           mg/kg         mg/kg         Analyst: JL           ND         25.4 %         70-130         10/20/22           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         10/21/22           ND         50.0         1         10/21/22           ND         50.0         1         10/21/22           mg/kg         mg/kg         Analyst: RAS	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         10/20/22         10/25/22           ND         0.0250         1         10/20/22         10/25/22           ND         0.0250         1         10/20/22         10/25/22           ND         0.0500         1         10/20/22         10/25/22           ND         0.0250         1         10/20/22         10/25/22           ND         0.0250         1         10/20/22         10/25/22           MD         0.0250         1         10/20/22         10/25/22           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         10/20/22         10/25/22           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         10/21/22         10/21/22           ND         50.0         1         10/21/22         10/21/22           ND         50.0         1         10/21/22         10/21/22           MD         50.0         1         10/21/22         10/21/22           <



Carmona Resources	Project Name:	Mimosa Federal SWD 003	
310 West Wall St. Suite 415	Project Number:	22113-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	10/25/2022 3:16:28PM

#### T-2 (0-1') E210101-05

		E210101-03				
Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
Miaryte	Result	Ellilit	Dilution	ii Trepared	Allalyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RKS		Batch: 2243093
Benzene	0.0585	0.0250	1	10/20/22	10/21/22	
Ethylbenzene	ND	0.0250	1	10/20/22	10/21/22	
Toluene	0.0303	0.0250	1	10/20/22	10/21/22	
o-Xylene	ND	0.0250	1	10/20/22	10/21/22	
p,m-Xylene	ND	0.0500	1	10/20/22	10/21/22	
Total Xylenes	ND	0.0250	1	10/20/22	10/21/22	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	10/20/22	10/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RKS		Batch: 2243093
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/22	10/21/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.2 %	70-130	10/20/22	10/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2243077
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/22	10/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/22	10/21/22	
Surrogate: n-Nonane		96.4 %	50-200	10/21/22	10/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2243102
Chloride	1950	40.0	2	10/21/22	10/21/22	



Carmona Resources	Project Name:	Mimosa Federal SWD 003	
310 West Wall St. Suite 415	Project Number:	22113-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	10/25/2022 3:16:28PM

#### T-2 (1.5') E210101-06

		E210101-00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	Analyst: RKS		Batch: 2243093
Benzene	0.0369	0.0250	1	10/20/22	10/21/22	
Ethylbenzene	ND	0.0250	1	10/20/22	10/21/22	
Toluene	ND	0.0250	1	10/20/22	10/21/22	
o-Xylene	ND	0.0250	1	10/20/22	10/21/22	
p,m-Xylene	ND	0.0500	1	10/20/22	10/21/22	
Total Xylenes	ND	0.0250	1	10/20/22	10/21/22	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	10/20/22	10/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243093
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/22	10/21/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.1 %	70-130	10/20/22	10/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2243077
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/22	10/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/22	10/21/22	
Surrogate: n-Nonane		91.9 %	50-200	10/21/22	10/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	Analyst: RAS		Batch: 2243102
Chloride	876	20.0	1	10/21/22	10/21/22	



Carmona Resources	Project Name:	Mimosa Federal SWD 003	
310 West Wall St. Suite 415	Project Number:	22113-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	10/25/2022 3:16:28PM

#### T-2 (2') E210101-07

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	Analyst: RKS		Batch: 2243093
0.0515	0.0250	1	10/20/22	10/25/22	
ND	0.0250	1	10/20/22	10/25/22	
ND	0.0250	1	10/20/22	10/25/22	
ND	0.0250	1	10/20/22	10/25/22	
ND	0.0500	1	10/20/22	10/25/22	
ND	0.0250	1	10/20/22	10/25/22	
	99.8 %	70-130	10/20/22	10/25/22	
mg/kg	mg/kg	Analyst: RKS			Batch: 2243093
ND	20.0	1	10/20/22	10/25/22	
	96.1 %	70-130	10/20/22	10/25/22	
mg/kg	mg/kg	Analyst: JL			Batch: 2243077
ND	25.0	1	10/21/22	10/21/22	
ND	50.0	1	10/21/22	10/21/22	
	90.6 %	50-200	10/21/22	10/21/22	
mg/kg	mg/kg	Anal	yst: RAS		Batch: 2243102
1420	20.0	1	10/21/22	10/21/22	<del></del>
	mg/kg  0.0515  ND  ND  ND  ND  ND  ND  ND  ND  MD  ND  mg/kg  ND  mg/kg	Result         Limit           mg/kg         mg/kg           0.0515         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         0.0250           99.8 %         mg/kg           MD         20.0           96.1 %         mg/kg           ND         25.0           ND         50.0           90.6 %         mg/kg           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         Anal           0.0515         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           99.8 %         70-130           mg/kg         mg/kg         Anal           ND         20.0         1           96.1 %         70-130           mg/kg         mg/kg         Anal           ND         25.0         1           ND         50.0         1           90.6 %         50-200           mg/kg         mg/kg         Anal	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           0.0515         0.0250         1         10/20/22           ND         0.0250         1         10/20/22           ND         0.0250         1         10/20/22           ND         0.0500         1         10/20/22           ND         0.0250         1         10/20/22           ND         0.0250         1         10/20/22           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         10/20/22           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         10/21/22           ND         50.0         1         10/21/22           ND         50.0         1         10/21/22           MD         50.0         1         10/21/22           mg/kg         mg/kg         Analyst: JL	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           0.0515         0.0250         1         10/20/22         10/25/22           ND         0.0250         1         10/20/22         10/25/22           ND         0.0250         1         10/20/22         10/25/22           ND         0.0500         1         10/20/22         10/25/22           ND         0.0250         1         10/20/22         10/25/22           ND         0.0250         1         10/20/22         10/25/22           mg/kg         Mg/kg         Analyst: RKS           ND         20.0         1         10/20/22         10/25/22           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         10/20/22         10/25/22           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         10/21/22         10/21/22           ND         50.0         1         10/21/22         10/21/22           ND         50.0         1         10/21/22         10/21/22           Mg/kg         Mg/kg



Carmona Resources	Project Name:	Mimosa Federal SWD 003	
310 West Wall St. Suite 415	Project Number:	22113-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	10/25/2022 3:16:28PM

## T-2 (3')

		E210101-08				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2243093
Benzene	0.0462	0.0250	1	10/20/22	10/21/22	
Ethylbenzene	ND	0.0250	1	10/20/22	10/21/22	
Toluene	ND	0.0250	1	10/20/22	10/21/22	
o-Xylene	ND	0.0250	1	10/20/22	10/21/22	
p,m-Xylene	ND	0.0500	1	10/20/22	10/21/22	
Total Xylenes	ND	0.0250	1	10/20/22	10/21/22	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	10/20/22	10/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243093
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/22	10/21/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.2 %	70-130	10/20/22	10/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2243077
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/22	10/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/22	10/21/22	
Surrogate: n-Nonane		81.1 %	50-200	10/21/22	10/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2243102
Chloride	689	20.0	1	10/21/22	10/21/22	



Carmona Resources	Project Name:	Mimosa Federal SWD 003	
310 West Wall St. Suite 415	Project Number:	22113-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	10/25/2022 3:16:28PM

#### T-3 (0-1') E210101-09

		E210101-07				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2243093
Benzene	ND	0.0250	1	10/20/22	10/21/22	
Ethylbenzene	ND	0.0250	1	10/20/22	10/21/22	
Toluene	ND	0.0250	1	10/20/22	10/21/22	
o-Xylene	ND	0.0250	1	10/20/22	10/21/22	
p,m-Xylene	ND	0.0500	1	10/20/22	10/21/22	
Total Xylenes	ND	0.0250	1	10/20/22	10/21/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	10/20/22	10/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	ng/kg Analyst: RKS			Batch: 2243093
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/22	10/21/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	10/20/22	10/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2243077
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/22	10/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/22	10/21/22	
Surrogate: n-Nonane		103 %	50-200	10/21/22	10/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2243102
Chloride	462	20.0	1	10/21/22	10/21/22	



Carmona Resources	Project Name:	Mimosa Federal SWD 003	
310 West Wall St. Suite 415	Project Number:	22113-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	10/25/2022 3:16:28PM

#### T-3 (1.5') E210101-10

		1210101 10				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2243093
Benzene	0.0291	0.0250	1	10/20/22	10/25/22	
Ethylbenzene	ND	0.0250	1	10/20/22	10/25/22	
Toluene	ND	0.0250	1	10/20/22	10/25/22	
o-Xylene	ND	0.0250	1	10/20/22	10/25/22	
o,m-Xylene	ND	0.0500	1	10/20/22	10/25/22	
Total Xylenes	ND	0.0250	1	10/20/22	10/25/22	
Surrogate: 4-Bromochlorobenzene-PID		99.7 %	70-130	10/20/22	10/25/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243093
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/22	10/25/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.7 %	70-130	10/20/22	10/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2243077
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/22	10/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/22	10/21/22	
Surrogate: n-Nonane		85.9 %	50-200	10/21/22	10/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2243102
Chloride	4620	40.0	2	10/21/22	10/21/22	



Carmona Resources	Project Name:	Mimosa Federal SWD 003	
310 West Wall St. Suite 415	Project Number:	22113-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	10/25/2022 3:16:28PM

#### T-3 (2') E210101-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2243093
Benzene	ND	0.0250	1	10/20/22	10/21/22	
Ethylbenzene	ND	0.0250	1	10/20/22	10/21/22	
Toluene	ND	0.0250	1	10/20/22	10/21/22	
o-Xylene	ND	0.0250	1	10/20/22	10/21/22	
p,m-Xylene	ND	0.0500	1	10/20/22	10/21/22	
Total Xylenes	ND	0.0250	1	10/20/22	10/21/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	10/20/22	10/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2243093
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/22	10/21/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.2 %	70-130	10/20/22	10/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2243077
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/22	10/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/22	10/21/22	
Surrogate: n-Nonane		100 %	50-200	10/21/22	10/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2243102
Chloride	1130	20.0	1	10/21/22	10/21/22	



Carmona Resources	Project Name:	Mimosa Federal SWD 003	
310 West Wall St. Suite 415	Project Number:	22113-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	10/25/2022 3:16:28PM

#### T-3 (3') E210101-12

Result	Reporting Limit		Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2243093
ND	0.0250	1	10/20/22	10/21/22	
ND	0.0250	1	10/20/22	10/21/22	
ND	0.0250	1	10/20/22	10/21/22	
ND	0.0250	1	10/20/22	10/21/22	
ND	0.0500	1	10/20/22	10/21/22	
ND	0.0250	1	10/20/22	10/21/22	
	102 %	70-130	10/20/22	10/21/22	
mg/kg	mg/kg	Analyst: RKS			Batch: 2243093
ND	20.0	1	10/20/22	10/21/22	
	97.0 %	70-130	10/20/22	10/21/22	
mg/kg	mg/kg	Ana	lyst: JL		Batch: 2243077
ND	25.0	1	10/21/22	10/22/22	
ND	50.0	1	10/21/22	10/22/22	
	96.0 %	50-200	10/21/22	10/22/22	
mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2243102
830	20.0	1	10/21/22	10/21/22	
	mg/kg ND Mg/kg ND mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           MD         0.0250           MD         20.0           97.0 %         mg/kg           MD         25.0           ND         50.0           96.0 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg         Anal           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           MD         0.0250         1           MD         20.0250         1           MD         20.0         1           97.0%         70-130         1           mg/kg         mg/kg         Anal           ND         25.0         1           ND         50.0         1           96.0%         50-200           mg/kg         mg/kg         Anal	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         10/20/22           ND         0.0250         1         10/20/22           ND         0.0250         1         10/20/22           ND         0.0500         1         10/20/22           ND         0.0250         1         10/20/22           ND         0.0250         1         10/20/22           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         10/20/22           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         10/21/22           ND         50.0         1         10/21/22           ND         50.0         1         10/21/22           MD         50.0         1         10/21/22           Mg/kg         mg/kg         Analyst: RAS	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         10/20/22         10/21/22           ND         0.0250         1         10/20/22         10/21/22           ND         0.0250         1         10/20/22         10/21/22           ND         0.0500         1         10/20/22         10/21/22           ND         0.0250         1         10/20/22         10/21/22           ND         0.0250         1         10/20/22         10/21/22           ND         0.0250         1         10/20/22         10/21/22           mg/kg         Mg/kg         Analyst: RKS           ND         20.0         1         10/20/22         10/21/22           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         10/21/22         10/22/22           ND         50.0         1         10/21/22         10/22/22           ND         50.0         1         10/21/22         10/22/22           ND         50.0         1         10/21/22         10/22/22           <



Carmona Resources	Project Name:	Mimosa Federal SWD 003	
310 West Wall St. Suite 415	Project Number:	22113-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	10/25/2022 3:16:28PM

#### T-4 (0-1') E210101-13

	1210101 15				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	yst: RKS		Batch: 2243093
ND	0.0250	1	10/20/22	10/21/22	
ND	0.0250	1	10/20/22	10/21/22	
ND	0.0250	1	10/20/22	10/21/22	
ND	0.0250	1	10/20/22	10/21/22	
ND	0.0500	1	10/20/22	10/21/22	
ND	0.0250	1	10/20/22	10/21/22	
	101 %	70-130	10/20/22	10/21/22	
mg/kg	mg/kg	Analyst: RKS			Batch: 2243093
ND	20.0	1	10/20/22	10/21/22	
	96.3 %	70-130	10/20/22	10/21/22	
mg/kg	mg/kg	Analy	yst: JL		Batch: 2243077
ND	25.0	1	10/21/22	10/22/22	
ND	50.0	1	10/21/22	10/22/22	
	93.5 %	50-200	10/21/22	10/22/22	
//	п	A 1-	rate DAC		Batch: 2243102
mg/kg	mg/kg	Anaiy	SI: KAS		Batch: 2243102
	mg/kg  ND  ND  ND  ND  ND  ND  ND  MD  ND  ND	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           ND         20.0           96.3 %         mg/kg           ND         25.0           ND         50.0           93.5 %	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Analy           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           MD         0.0250         1           MD         0.0250         1           MD         70-130         1           mg/kg         mg/kg         Analy           ND         20.0         1           MD         25.0         1           ND         50.0         1           93.5 %         50-200	Reporting           Result         Limit         Dilution         Prepared           mg/kg         Manalyst: RKS           ND         0.0250         1         10/20/22           ND         0.0250         1         10/20/22           ND         0.0250         1         10/20/22           ND         0.0500         1         10/20/22           ND         0.0250         1         10/20/22           ND         0.0250         1         10/20/22           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         10/20/22           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         10/21/22           ND         50.0         1         10/21/22           93.5 %         50-200         10/21/22	Reporting           Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         10/20/22         10/21/22           ND         0.0250         1         10/20/22         10/21/22           ND         0.0250         1         10/20/22         10/21/22           ND         0.0500         1         10/20/22         10/21/22           ND         0.0250         1         10/20/22         10/21/22           ND         0.0250         1         10/20/22         10/21/22           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         10/20/22         10/21/22           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         10/20/22         10/21/22           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         10/21/22         10/22/22           ND         50.0         1         10/21/22         10/22/22           ND         50.0         1         10/21/22         10/22/22



Carmona Resources	Project Name:	Mimosa Federal SWD 003	
310 West Wall St. Suite 415	Project Number:	22113-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	10/25/2022 3:16:28PM

#### T-4 (1.5') E210101-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2243093
Benzene	ND	0.0250	1	10/20/22	10/21/22	
Ethylbenzene	ND	0.0250	1	10/20/22	10/21/22	
Toluene	ND	0.0250	1	10/20/22	10/21/22	
o-Xylene	ND	0.0250	1	10/20/22	10/21/22	
p,m-Xylene	ND	0.0500	1	10/20/22	10/21/22	
Total Xylenes	ND	0.0250	1	10/20/22	10/21/22	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	10/20/22	10/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2243093
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/22	10/21/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.5 %	70-130	10/20/22	10/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2243077
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/22	10/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/22	10/22/22	
Surrogate: n-Nonane		93.2 %	50-200	10/21/22	10/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2243102
Chloride	7030	100	5	10/21/22	10/21/22	



Carmona Resources	Project Name:	Mimosa Federal SWD 003	
310 West Wall St. Suite 415	Project Number:	22113-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	10/25/2022 3:16:28PM

#### T-4 (2') E210101-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: RKS		Batch: 2243093
Benzene	ND	0.0250	1	10/20/22	10/21/22	
Ethylbenzene	ND	0.0250	1	10/20/22	10/21/22	
Toluene	ND	0.0250	1	10/20/22	10/21/22	
o-Xylene	ND	0.0250	1	10/20/22	10/21/22	
p,m-Xylene	ND	0.0500	1	10/20/22	10/21/22	
Total Xylenes	ND	0.0250	1	10/20/22	10/21/22	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	10/20/22	10/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2243093
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/22	10/21/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.1 %	70-130	10/20/22	10/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: JL		Batch: 2243077
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/22	10/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/22	10/22/22	
Surrogate: n-Nonane		82.2 %	50-200	10/21/22	10/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: RAS		Batch: 2243102
Chloride	3380	40.0	2	10/21/22	10/21/22	

Carmona Resources	Project Name:	Mimosa Federal SWD 003	
310 West Wall St. Suite 415	Project Number:	22113-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	10/25/2022 3:16:28PM

#### T-4 (3') E210101-16

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2243093
Benzene	0.0858	0.0250	1	10/20/22	10/21/22	
Ethylbenzene	ND	0.0250	1	10/20/22	10/21/22	
Toluene	0.0361	0.0250	1	10/20/22	10/21/22	
o-Xylene	ND	0.0250	1	10/20/22	10/21/22	
o,m-Xylene	ND	0.0500	1	10/20/22	10/21/22	
Total Xylenes	ND	0.0250	1	10/20/22	10/21/22	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	10/20/22	10/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2243093
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/22	10/21/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.2 %	70-130	10/20/22	10/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2243077
Diesel Range Organics (C10-C28)	44.7	25.0	1	10/21/22	10/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/22	10/22/22	
Surrogate: n-Nonane		93.4 %	50-200	10/21/22	10/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2243102
Chloride	664	20.0	1	10/21/22	10/21/22	



Carmona Resources	Project Name:	Mimosa Federal SWD 003	
310 West Wall St. Suite 415	Project Number:	22113-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	10/25/2022 3:16:28PM

#### H-3 (0-0.5')

E210101-17										
		Reporting								
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes				
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RKS		Batch: 2243093				
Benzene	0.0974	0.0250	1	10/20/22	10/21/22					
Ethylbenzene	ND	0.0250	1	10/20/22	10/21/22					
Toluene	0.0545	0.0250	1	10/20/22	10/21/22					
o-Xylene	ND	0.0250	1	10/20/22	10/21/22					
p,m-Xylene	ND	0.0500	1	10/20/22	10/21/22					
Total Xylenes	ND	0.0250	1	10/20/22	10/21/22					
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	10/20/22	10/21/22					
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RKS		Batch: 2243093				
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/22	10/21/22					
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.8 %	70-130	10/20/22	10/21/22					
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2243077				
Diesel Range Organics (C10-C28)	35.0	25.0	1	10/21/22	10/22/22					
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/22	10/22/22					
Surrogate: n-Nonane		97.0 %	50-200	10/21/22	10/22/22					
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2243102				
Chloride	518	20.0	1	10/21/22	10/21/22					



Surrogate: 4-Bromochlorobenzene-PID

## **QC Summary Data**

Carmona Resources Project Name: Mimosa Federal SWD 003 Reported:
310 West Wall St. Suite 415 Project Number: 22113-0001
Midland TX, 79701 Project Manager: Conner Moehring 10/25/2022 3:16:28PM

310 West Wall St. Suite 415 Midland TX, 79701		Project Number: Project Manager:		2113-0001 onner Moehrir	ng			10	0/25/2022 3:16:28PM
		Volatile O	rganics b	y EPA 802	1B				Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2243093-BLK1)							Prepared: 10	0/20/22 Ana	alyzed: 10/21/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.23		8.00		103	70-130			
LCS (2243093-BS1)							Prepared: 1	0/20/22 Ana	alyzed: 10/21/22
Benzene	3.99	0.0250	5.00		79.8	70-130			
Ethylbenzene	4.30	0.0250	5.00		85.9	70-130			
Foluene	4.32	0.0250	5.00		86.3	70-130			
o-Xylene	4.43	0.0250	5.00		88.6	70-130			
p,m-Xylene	8.72	0.0500	10.0		87.2	70-130			
Total Xylenes	13.2	0.0250	15.0		87.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.33		8.00		104	70-130			
LCS Dup (2243093-BSD1)							Prepared: 1	0/20/22 Ana	alyzed: 10/21/22
Benzene	3.75	0.0250	5.00		75.0	70-130	6.15	20	
Ethylbenzene	4.07	0.0250	5.00		81.5	70-130	5.33	20	
Toluene	4.07	0.0250	5.00		81.5	70-130	5.79	20	
o-Xylene	4.20	0.0250	5.00		84.0	70-130	5.29	20	
o,m-Xylene	8.28	0.0500	10.0		82.8	70-130	5.19	20	
Total Xylenes	12.5	0.0250	15.0		83.2	70-130	5.22	20	

70-130



Gasoline Range Organics (C6-C10)

Surrogate: 1-Chloro-4-fluorobenzene-FID

## **QC Summary Data**

Carmona ResourcesProject Name:Mimosa Federal SWD 003Reported:310 West Wall St. Suite 415Project Number:22113-0001Midland TX, 79701Project Manager:Conner Moehring10/25/20223:16:28PM

	Non	halogenated	Organics l	ov EPA 80°	15D - Gl	RO		۸	nalyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	maryst. KK3
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2243093-BLK1)							Prepared: 10	0/20/22 Analy	zed: 10/21/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.75		8.00		96.9	70-130			
LCS (2243093-BS2)							Prepared: 10	0/20/22 Analy	zed: 10/21/22
Gasoline Range Organics (C6-C10)	49.5	20.0	50.0		99.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.61		8.00		95.2	70-130			
LCS Dup (2243093-BSD2)							Prepared: 10	0/20/22 Analy	zed: 10/21/22

8.00

70-130

70-130

8.42

20

20.0

7.68

## **QC Summary Data**

Carmona ResourcesProject Name:Mimosa Federal SWD 003Reported:310 West Wall St. Suite 415Project Number:22113-0001Midland TX, 79701Project Manager:Conner Moehring10/25/20223:16:28PM

Midiand 1A, 79701		Project Manager		iller Moenrii	ıg			1	0/23/2022 3.10.26FF
	Nonha	logenated Or	ganics by l	EPA 8015I	) - DRO	ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2243077-BLK1)							Prepared: 1	0/21/22 An	alyzed: 10/21/22
iesel Range Organics (C10-C28)	ND	25.0							
il Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	49.2		50.0		98.4	50-200			
CS (2243077-BS1)							Prepared: 1	0/21/22 An	alyzed: 10/21/22
iesel Range Organics (C10-C28)	235	25.0	250		94.2	38-132			
urrogate: n-Nonane	49.7		50.0		99.4	50-200			
Matrix Spike (2243077-MS1)				Source:	E210101-0	08	Prepared: 1	0/21/22 An	alyzed: 10/21/22
iesel Range Organics (C10-C28)	238	25.0	250	ND	95.3	38-132			
urrogate: n-Nonane	44.1		50.0		88.1	50-200			
Matrix Spike Dup (2243077-MSD1)				Source:	E210101-0	08	Prepared: 1	0/21/22 An	alyzed: 10/21/22
iesel Range Organics (C10-C28)	246	25.0	250	ND	98.2	38-132	3.00	20	

Matrix Spike Dup (2243102-MSD1)

Chloride

462

#### **QC Summary Data**

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701		Project Name: Project Number Project Manage	:	Mimosa Federa 22113-0001 Conner Moehri		3		1	<b>Reported:</b> 0/25/2022 3:16:28PM
		Anions	by EPA	300.0/9056A	4				Analyst: RAS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2243102-BLK1)							Prepared: 1	0/21/22 An	nalyzed: 10/21/22
Chloride	ND	20.0							
LCS (2243102-BS1)							Prepared: 1	0/21/22 An	nalyzed: 10/21/22
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2243102-MS1)				Source:	E210101-	01	Prepared: 1	0/21/22 An	nalyzed: 10/21/22
Chloride	588	20.0	250	205	153	80-120			M2

250

20.0

Source: E210101-01

103

80-120

24.1

205

#### QC Summary Report Comment:

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



Prepared: 10/21/22 Analyzed: 10/21/22

20

R3

## **Definitions and Notes**

Carmona Resources	Project Name:	Mimosa Federal SWD 003	
310 West Wall St. Suite 415	Project Number:	22113-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	10/25/22 15:16

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

R3 The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



# Chain of Custody

Work Order No: <u>F210101</u> Job#22113-0001

Project Manager:	Conner	Moehr	ring			Bill to: (if	different)		Mark	Ritchie	9							W	ork Ord	er Comments	1 of2
Company Name:	Carmon	na Res	ources			Compan	y Name:									Progr	m: UST			ownfields 📑	
Address:	310 W	Wall St	Ste 415			Address										100	of Projec				periana _
City, State ZIP:	Midland	d, TX 79	9701			City, Sta	te ZIP:									Repor	ing:Leve	III Leve	el III 🗖	ST/UST  R	RP Level IV
Phone:	(432) 8	313-682	23		Ema	il: mritchie		ackexp.	com									DD 🗆		명 등 보는 - 프레	ther:
Project Name:		Mimo	sa Federal SV	/D 003	Tur	n Around							A	NALYSI	S REC	UEST				Pros	ervative Codes
Project Number:			1148		Routine	Rusi	h	Pres. Code												None: NO	DI Water: H <sub>2</sub> O
Project Location		Eddy	County, New I	Mexico	Due Date:															Cool: Cool	MeOH: Me
Sampler's Name:			CRM							+ MRO)										HCL: HC	HNO <sub>3</sub> : HN
PO #:							ço.		Σ +										H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub>	NaOH: Na	
SAMPLE RECE	EIPT Temp Blank: Yes		Yes No	Wet Ice:	Yes	) No	Parameters	m	TPH 8015M ( GRO + DRO	0.0									H <sub>3</sub> PO <sub>4</sub> : HP	7/55/07/5	
Received Intact:		CY	es No	Thermometer I	D:	4		ram	8021	+	e 30									NaHSO <sub>4</sub> : N	ABIS
Cooler Custody Sea	ils:	Yes	No N/A	Correction Fac	tor:			- E	BTEX 8021B	GR	Chloride 300.0			- 1						Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : N	
Sample Custody Se	als:	Yes	(NO) N/A	Temperature R	Reading:				8	5M (	- 5									Zn Acetate-	
Total Containers:				Corrected Tem	perature:					801										NaOH+Asc	orbic Acid: SAPC
Sample Ide	ntification	n	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH	9 8								7	Samp	ole Comments
T-1 (0	D-1')		10/17/2022		X		G	1	X	Х	Х										
T-1 (	1.5')		10/17/2022		X		G	1	X	Х	Х									2	
T-1	(2')		10/17/2022		X		G	1	X	X	Х	7						1		3	
T-1	(3')		10/17/2022		X		G	1	X	Х	Х									4	
T-2 (0	)-1')		10/17/2022		X		G	1	X	X	Х									5	
T-2 (	1.5')		10/17/2022		×		G	1	X	Х	Х	211								6	
T-2	(2')		10/17/2022		X		G	1	X	Х	Х	13								7	
T-2	(3')		10/17/2022		X		G	1	X	Х	Х							7 (1		8	
T-3 (0	0-1')		10/17/2022		X		G	1	Х	Х	X	1000								9	
T-3 (	1.5')		10/17/2022		Х		G	1	X	Х	Х									10	
Comments:																					
1			Relinquished b	y: (Signature)				2	Date/	Time					Rece	eived by	(Signa	ture)			Date/Time
form n	Lord	w	1					10/18/	22			1	~~	1			0				0.18.22
UZ3/1	1	-						10.	18	.2	5	0	ul	Ke	2 /	Ch	ti			1/	19/22 10:40
0	)								0						/	700				- YC	HILL WILL

Ste 415 2701 23 Sa Federal SV 1148 County, New CRM mp Blank: es No No No N/A		Routine Due Date:  Wet Ice:	Company Address: City, Stal il: mritchie n Around Rusi	te ZIP: @silverb	Pres. Code	com	(0		<i>A</i>	MALYS	SIS REC	State of Report Delive	of Projecting:Leve	t:		Pres None: NO	RP Leve	eliv 🗆
sa Federal SV 1148 County, New CRM mp Blank: es No	Mexico Yes No Thermometer It	Routine Due Date:  Wet Ice:	City, Star	te ZIP: @silverb	Pres.	com	(0		, A	MALYS	SIS REC	State of Report Delive	of Projecting:Leve	t: II  Leve	III □st	VUST R	RP Leve	des
sa Federal SV 1148 County, New CRM mp Blank: es No	Mexico Yes No Thermometer It	Routine Due Date:  Wet Ice:	n Around	@silverb	Pres.	com	0		P	MALYS	SIS REC	Delive				Pres None: NO	ervative Co	des
sa Federal SV 1148 County, New CRM mp Blank: es No	Mexico Yes No Thermometer It	Routine Due Date:  Wet Ice:	n Around	@silverb	Pres.	com	(0		, p	MALYS	IS REC	_	rables: E	DD 🗆	ADaF	Pres None: NO	ervative Co DI Wa	des
1148 County, New CRM mp Blank: es No No N/A	Mexico Yes No Thermometer It	Neutine  Due Date:  Wet Ice:	Rusi	h			(0		-	NALYS	IS REC	QUEST	1			None: NO	DI Wa	
County, New CRM  mp Blank: es No No N/A	Yes No	Due Date:		h			6									None: NO	DI Wa	WW 20 W 3
mp Blank:	Yes No	Wet Ice:	Vac				6									15000 1000		
mp Blank: es No	Thermometer II		Vas				0						- 1	- 1 - 1		Cool: Cool	MeOH	Me
No N/A	Thermometer II		Vas				/RC	)							HCL: HC	HNO <sub>3</sub> :	HN	
No N/A	Thermometer II		(Yes		2		+					1 1				H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub>	NaOH:	Na
(No) N/A		D:	103	) No	Parameters	18	DRC	0.00				1 1				H <sub>3</sub> PO <sub>4</sub> : HF		
	Correction Fact		4		ıran	802	†	9 9								NaHSO <sub>4</sub> : N	IABIS	111
(No) N/A		tor:			ď.	BTEX 8021B	GR	Chloride 300.0								Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : I	laSO₃	
	Temperature R	eading:				m	5M	5								Zn Acetate	+NaOH: Zn	
	Corrected Tem	perature:					TPH 8015M ( GRO + DRO + MRO)					1 1				NaOH+Asi	corbic Acid: SA	PC
Date	Time	Soil	Water	Grab/ Comp	# of Cont		1AT									Sam	ple Comme	nts
10/17/2022		Х		G	1	Х	Х	Х								[]		
10/17/2022		X		G	1	Х	Х	Х								12		
10/17/2022		×		G	1	Х	Х	X			42					13		
10/17/2022		X		G	1	Х	Х	X								14		
10/17/2022		×		G	1	X	Х	Х										
10/17/2022		X		G	1	Х	Х	X										
10/17/2022		Х		G	1	Х	Х	Х								17		
											64		-					
											_							
		4																
	10/17/2022 10/17/2022 10/17/2022 10/17/2022 10/17/2022	10/17/2022 10/17/2022 10/17/2022	10/17/2022 X 10/17/2022 X 10/17/2022 X 10/17/2022 X	10/17/2022 X 10/17/2022 X 10/17/2022 X 10/17/2022 X	10/17/2022       X       G         10/17/2022       X       G         10/17/2022       X       G         10/17/2022       X       G         10/17/2022       X       G	10/17/2022       X       G       1         10/17/2022       X       G       1         10/17/2022       X       G       1         10/17/2022       X       G       1         10/17/2022       X       G       1	10/17/2022       X       G       1       X         G       1       X       X       G       1       X	10/17/2022         X         G         1         X         X           10/17/2022         X         G         1         X         X	10/17/2022         X         G         1         X         X           10/17/2022         X         G         1         X         X	10/17/2022       X       G       1       X       X       X         10/17/2022       X       G       1       X       X       X         10/17/2022       X       G       1       X       X       X         10/17/2022       X       G       1       X       X       X	10/17/2022       X       G       1       X       X       X         10/17/2022       X       G       1       X       X       X         10/17/2022       X       G       1       X       X       X         10/17/2022       X       G       1       X       X       X	10/17/2022       X       G       1       X       X       X         10/17/2022       X       G       1       X       X       X         10/17/2022       X       G       1       X       X       X         10/17/2022       X       G       1       X       X       X	10/17/2022       X       G       1       X       X       X         10/17/2022       X       G       1       X       X       X         10/17/2022       X       G       1       X       X       X         10/17/2022       X       G       1       X       X       X	10/17/2022       X       G       1       X       X       X         10/17/2022       X       G       1       X       X       X         10/17/2022       X       G       1       X       X       X         10/17/2022       X       G       1       X       X       X	10/17/2022       X       G       1       X       X       X         10/17/2022       X       G       1       X       X       X         10/17/2022       X       G       1       X       X       X         10/17/2022       X       G       1       X       X       X	10/17/2022       X       G       1       X       X       X         10/17/2022       X       G       1       X       X       X         10/17/2022       X       G       1       X       X       X         10/17/2022       X       G       1       X       X       X	10/17/2022       X       G       1       X       X       X       I3         10/17/2022       X       G       1       X       X       X       I4         10/17/2022       X       G       1       X       X       X       I5         10/17/2022       X       G       1       X       X       X       IQ	10/17/2022 X G 1 X X X X II3 10/17/2022 X G 1 X X X X II4 10/17/2022 X G 1 X X X X II5 10/17/2022 X G 1 X X X X II6 10/17/2022 X G 1 X X X X II6

Page 90 of 105

Printed: 10/19/2022 1:18:10PM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	10/19/22 10	0:40	Work Order II	D: E210101
Phone:	(432) 813-6823	Date Logged In:	10/18/22 16	5:51	Logged In By	r: Caitlin Christian
Email:	cmoehring@carmonaresouces.com	Due Date:	10/25/22 13	7:00 (4 day TAT)		
Chain of	Custoda (COC)					
	Custody (COC)		V			
	ne sample ID match the COC? The number of samples per sampling site location mat	ch the COC	Yes			
	amples dropped off by client or carrier?	ch the COC	Yes	~ · ·	TDC	
	e COC complete, i.e., signatures, dates/times, reques	tad analysas?	Yes No	Carrier: <u>U</u>	<u> </u>	
	Il samples received within holding time?	icu anaryses:	Yes			
J. Wele a	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion		ies		Comm	nents/Resolution
Sample T	urn Around Time (TAT)				TT' 1 1 4	11 1 000
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Time sampled not pro	ovided on COC.
Sample C	<u>Cooler</u>					
7. Was a s	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was the	e sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If yes,	were custody/security seals intact?		NA			
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	received w/i 15	Yes			
Sample C			_			
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers?	i	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field Lab	· · · · · · · · · · · · · · · · · · ·	ers conceica.	105			
	field sample labels filled out with the minimum info	rmation.				
	ample ID?		Yes			
	ate/Time Collected?		Yes	ı		
C	ollectors name?		No			
Sample P	<u>reservation</u>					
21. Does	the COC or field labels indicate the samples were pr	eserved?	No			
	imple(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved m	etals?	No			
Multipha	se Sample Matrix					
26. Does	the sample have more than one phase, i.e., multiphas	se?	No			
27. If yes,	does the COC specify which phase(s) is to be analy	zed?	NA			
Subcontr	act Laboratory					
	imples required to get sent to a subcontract laborator	v?	No			
	subcontract laboratory specified by the client and if	•		Subcontract Lab	: na	
	struction		·			
Chent In	isti uction					

Date

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

Report to:
Conner Moehring



5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

Practical Solutions for a Better Tomorrow

# **Analytical Report**

Carmona Resources

Project Name: Mimosa Federal SWD 003

Work Order: E212094

Job Number: 22113-0001

Received: 12/15/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 12/20/22

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

Date Reported: 12/20/22

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

Project Name: Mimosa Federal SWD 003

Workorder: E212094

Date Received: 12/15/2022 10:30:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/15/2022 10:30:00AM, under the Project Name: Mimosa Federal SWD 003.

The analytical test results summarized in this report with the Project Name: Mimosa Federal SWD 003 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

**Alexa Michaels** 

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

**Southern New Mexico Area** Lynn Jarboe

Technical Representative/Client Services

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Technical Representative

Rayny Hagan

West Texas Midland/Odessa Area

Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

## **Table of Contents**

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
T-2 (3.5')	5
T-3 (3.5')	6
T-4 (3.5')	7
QC Summary Data	8
QC - Volatile Organics by EPA 8021B	8
QC - Nonhalogenated Organics by EPA 8015D - GRO	9
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	10
QC - Anions by EPA 300.0/9056A	11
Definitions and Notes	12
Chain of Custody etc.	13

## Sample Summary

Carmona Resources	Project Name:	Mimosa Federal SWD 003	Donoutode	
310 West Wall St. Suite 415	Project Number:	22113-0001	Reported:	
Midland TX, 79701	Project Manager:	Conner Moehring	12/20/22 11:05	

Client Sample ID	Lab Sample ID Matrix	Sampled F	Received	Container
T-2 (3.5')	E212094-01A Solid	12/06/22 1	2/15/22	Glass Jar, 4 oz.
T-3 (3.5')	E212094-02A Solid	12/06/22 1	2/15/22	Glass Jar, 4 oz.
T-4 (3.5')	E212094-03A Solid	12/06/22 1	2/15/22	Glass Jar, 4 oz.



Carmona Resources	Project Name:	Mimosa Federal SWD 003	
310 West Wall St. Suite 415	Project Number:	22113-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	12/20/2022 11:05:46AM

#### T-2 (3.5') E212094-01

		E212074-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2251082
Benzene	ND	0.0250	1	12/16/22	12/17/22	
Ethylbenzene	ND	0.0250	1	12/16/22	12/17/22	
Toluene	ND	0.0250	1	12/16/22	12/17/22	
p-Xylene	ND	0.0250	1	12/16/22	12/17/22	
o,m-Xylene	ND	0.0500	1	12/16/22	12/17/22	
Total Xylenes	ND	0.0250	1	12/16/22	12/17/22	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	12/16/22	12/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2251082
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/16/22	12/17/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.1 %	70-130	12/16/22	12/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2251080
Diesel Range Organics (C10-C28)	ND	25.0	1	12/16/22	12/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/16/22	12/17/22	
Surrogate: n-Nonane		102 %	50-200	12/16/22	12/17/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: RAS		Batch: 2251089
Chloride	23.5	20.0	1	12/19/22	12/20/22	



Carmona Resources	Project Name:	Mimosa Federal SWD 003	
310 West Wall St. Suite 415	Project Number:	22113-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	12/20/2022 11:05:46AM

#### T-3 (3.5') E212094-02

	E212094-02				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: IY		Batch: 2251082
ND	0.0250	1	12/16/22	12/17/22	
ND	0.0250	1	12/16/22	12/17/22	
ND	0.0250	1	12/16/22	12/17/22	
ND	0.0250	1	12/16/22	12/17/22	
ND	0.0500	1	12/16/22	12/17/22	
ND	0.0250	1	12/16/22	12/17/22	
	103 %	70-130	12/16/22	12/17/22	
mg/kg	mg/kg	Ana	lyst: IY		Batch: 2251082
ND	20.0	1	12/16/22	12/17/22	
	98.0 %	70-130	12/16/22	12/17/22	
mg/kg	mg/kg	Ana	lyst: JL		Batch: 2251080
29.1	25.0	1	12/16/22	12/17/22	
ND	50.0	1	12/16/22	12/17/22	
	103 %	50-200	12/16/22	12/17/22	
mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2251089
33.3	20.0	1	12/19/22	12/20/22	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result         Reporting Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0500           ND         0.0250           103 %           mg/kg         mg/kg           ND         20.0           98.0 %         mg/kg           mg/kg         mg/kg           ND         50.0           103 %         mg/kg           mg/kg         mg/kg	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Anal           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           Mg/kg         mg/kg         Anal           ND         20.0         1           98.0 %         70-130         70-130           mg/kg         mg/kg         Anal           29.1         25.0         1           ND         50.0         1           103 %         50-200           mg/kg         mg/kg         Anal	Reporting           Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         12/16/22           ND         0.0250         1         12/16/22           ND         0.0250         1         12/16/22           ND         0.0500         1         12/16/22           ND         0.0250         1         12/16/22           ND         0.0250         1         12/16/22           mg/kg         mg/kg         Analyst: IV           ND         20.0         1         12/16/22           mg/kg         mg/kg         Analyst: JL           29.1         25.0         1         12/16/22           ND         50.0         1         12/16/22           ND         50.0         1         12/16/22           ND         50.0         1         12/16/22           Mg/kg         mg/kg         Analyst: JL	Reporting           Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         12/16/22         12/17/22           ND         0.0250         1         12/16/22         12/17/22           ND         0.0250         1         12/16/22         12/17/22           ND         0.0500         1         12/16/22         12/17/22           ND         0.0250         1         12/16/22         12/17/22           ND         0.0250         1         12/16/22         12/17/22           mg/kg         mg/kg         Analyst: IY         ND         12/16/22         12/17/22           mg/kg         mg/kg         Analyst: IJ         12/16/22         12/17/22           mg/kg         mg/kg         Analyst: JL         12/16/22         12/17/22           nD         50.0         1         12/16/22



Carmona Resources	Project Name:	Mimosa Federal SWD 003	
310 West Wall St. Suite 415	Project Number:	22113-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	12/20/2022 11:05:46AM

#### T-4 (3.5') E212094-03

Batch: 2251082 2/17/22 2/17/22 2/17/22 2/17/22 2/17/22
2/17/22 2/17/22 2/17/22 2/17/22
2/17/22 2/17/22 2/17/22
2/17/22 2/17/22
2/17/22
2/17/22
2/1//22
2/17/22
2/17/22
Batch: 2251082
2/17/22
2/17/22
Batch: 2251080
2/17/22
2/17/22
2/17/22
Batch: 2251089
2/20/22



Surrogate: 4-Bromochlorobenzene-PID

#### **QC Summary Data**

Mimosa Federal SWD 003 Carmona Resources Project Name: Reported: 310 West Wall St. Suite 415 Project Number: 22113-0001 Midland TX, 79701 Project Manager: Conner Moehring 12/20/2022 11:05:46AM **Volatile Organics by EPA 8021B** Analyst: IY Source RPD Reporting Spike Rec Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2251082-BLK1) Prepared: 12/16/22 Analyzed: 12/17/22 ND 0.0250 ND Ethylbenzene 0.0250 ND Toluene 0.0250 ND 0.0250 o-Xylene ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 8.11 8.00 101 70-130 LCS (2251082-BS1) Prepared: 12/16/22 Analyzed: 12/17/22 4.76 5.00 95.1 70-130 0.0250 Benzene Ethylbenzene 4.89 0.0250 5.00 97.9 70-130 4.98 99.7 70-130 Toluene 0.0250 5.00 5.02 100 70-130 o-Xylene 0.0250 5.00 9.91 0.0500 10.0 99.1 70-130 p,m-Xylene 14.9 99.5 70-130 0.0250 15.0 Total Xylenes

Matrix Spike (2251082-MS1)			Source:	E212092-	22	Prepared: 12/16/22 Analyzed: 12/17/22	
Benzene	5.12	0.0250	5.00	ND	102	54-133	
Ethylbenzene	5.28	0.0250	5.00	ND	106	61-133	
Toluene	5.37	0.0250	5.00	ND	107	61-130	
o-Xylene	5.40	0.0250	5.00	ND	108	63-131	
p,m-Xylene	10.7	0.0500	10.0	ND	107	63-131	
Total Xylenes	16.1	0.0250	15.0	ND	107	63-131	
Surrogate: 4-Bromochlorobenzene-PID	8.15		8.00		102	70-130	

8.00

8.11

101

70-130

Matrix Spike Dup (2251082-MSD1)				Source:	E212092-	22	Prepared: 12/16/22 Analyzed: 12/17/22			
Benzene	4.98	0.0250	5.00	ND	99.6	54-133	2.66	20		
Ethylbenzene	5.11	0.0250	5.00	ND	102	61-133	3.12	20		
Toluene	5.23	0.0250	5.00	ND	105	61-130	2.73	20		
o-Xylene	5.25	0.0250	5.00	ND	105	63-131	2.83	20		
p,m-Xylene	10.3	0.0500	10.0	ND	103	63-131	3.23	20		
Total Xylenes	15.6	0.0250	15.0	ND	104	63-131	3.09	20		
Surrogate: 4-Bromochlorobenzene-PID	8.09		8.00		101	70-130				

Surrogate: 1-Chloro-4-fluorobenzene-FID

## **QC Summary Data**

Carmona ResourcesProject Name:Mimosa Federal SWD 003Reported:310 West Wall St. Suite 415Project Number:22113-0001Midland TX, 79701Project Manager:Conner Moehring12/20/2022 11:05:46AM

				ng			12	/20/2022 11:05:46Al
Nonh	alogenated (	Organics l	by EPA 80	15D - GI	RO			Analyst: IY
sult /kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
						Prepared: 12	2/16/22 Ana	alyzed: 12/17/22
D	20.0							
92		8.00		98.9	70-130			
						Prepared: 12	2/16/22 Ana	alyzed: 12/17/22
1.5	20.0	50.0		103	70-130			
06		8.00		101	70-130			
			Source:	E212092-	22	Prepared: 12	2/16/22 Ana	alyzed: 12/17/22
5.0	20.0	50.0	ND	110	70-130			
93		8.00		99.1	70-130			
			Source:	E212092-	22	Prepared: 12	2/16/22 Ana	alyzed: 12/17/22
2.9	20.0	50.0	ND	106	70-130	3.89	20	
	D D 925	Reporting Limit mg/kg  D 20.0 925 20.0 060 20.0	Reporting   Limit   Level   mg/kg   mg/kg   mg/kg   mg/kg	Reporting   Spike   Level   Result	Reporting   Spike   Result   Rec   Result   Rec	Limit   Level   Result   Rec   Limits   mg/kg   mg/kg   mg/kg   mg/kg   %   %   %	Reporting   Limit   Level   Result   Rec   Limits   RPD     Mg   mg/kg   mg/kg   mg/kg   % % % % %     Prepared: 12   D   20.0   98.9   70-130     Prepared: 12   Source: E212092-22   Prepared: 12	Reporting   Spike   Limit   Level   Result   Rec   Limits   RPD   Limit   Regult   Rec   Limits   RPD   Limit   Regult   Rec   Limits   RPD   Limit   Rec   Limits   RPD   Limit   Rec   Limits   RPD   Limit   RPD   Limit   Rec   Limits   RPD   Limit   RPD   RPD

8.00

7.91

98.8

70-130

## **QC Summary Data**

Carmona ResourcesProject Name:Mimosa Federal SWD 003Reported:310 West Wall St. Suite 415Project Number:22113-0001Midland TX, 79701Project Manager:Conner Moehring12/20/2022 11:05:46AM

Whitianti 17X, 75701		1 Toject Ivianage	1. CC	milet Moeiliti	ing			12/.	20/2022 11:03:10/1	
	Nonha	logenated Or	ganics by	EPA 8015I	D - DRO	ORO/			Analyst: JL	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2251080-BLK1)							Prepared: 1	2/16/22 Ana	yzed: 12/16/22	
Diesel Range Organics (C10-C28)	ND	25.0								
Oil Range Organics (C28-C36)	ND	50.0								
Surrogate: n-Nonane	55.2		50.0		110	50-200				
LCS (2251080-BS1)							Prepared: 1	2/16/22 Ana	lyzed: 12/16/22	
Diesel Range Organics (C10-C28)	215	25.0	250		86.1	38-132				
Surrogate: n-Nonane	46.6		50.0		93.2	50-200				
Matrix Spike (2251080-MS1)				Source:	E212095-0	04	Prepared: 1	2/16/22 Ana	lyzed: 12/16/22	
Diesel Range Organics (C10-C28)	234	25.0	250	ND	93.6	38-132				
Surrogate: n-Nonane	44.6		50.0		89.2	50-200				
Matrix Spike Dup (2251080-MSD1)				Source:	Source: E212095-04			Prepared: 12/16/22 Analyzed: 12/1		
Diesel Range Organics (C10-C28)	241	25.0	250	ND	96.2	38-132	2.78	20		
Surrogate: n-Nonane	49.0		50.0		98.0	50-200				

Chloride

Chloride

Matrix Spike Dup (2251089-MSD1)

#### **QC Summary Data**

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701		Project Name: Project Number Project Manager	:	Mimosa Federa 22113-0001 Conner Moehrin		3		12	<b>Reported:</b> 2/20/2022 11:05:46AM
		Anions	by EPA	300.0/9056	4				Analyst: RAS
Analyte	Result	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD	RPD Limit %	Notes
Dl.,l. (2251090 DI I/1)	g Kg	g/kg	mg/kg	mg kg	70				
Blank (2251089-BLK1) Chloride	ND	20.0					Prepared: 1	2/19/22 An	alyzed: 12/19/22
LCS (2251089-BS1)	ND	20.0					Prepared: 1	2/19/22 An	alyzed: 12/19/22
Chloride	260	20.0	250		104	90-110			
Matrix Spike (2251089-MS1)				Source:	E212092-	21	Prepared: 1	2/19/22 An	alyzed: 12/19/22

250

250

20.0

20.0

ND

ND

104

104

Source: E212092-21

80-120

80-120

0.511

Prepared: 12/19/22 Analyzed: 12/20/22

20

261

259

#### QC Summary Report Comment:

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



#### **Definitions and Notes**

Carmona Resources Project Name: Mimosa Federal SWD 003
310 West Wall St. Suite 415 Project Number: 22113-0001 Reported:
Midland TX, 79701 Project Manager: Conner Moehring 12/20/22 11:05

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



			K/c.			I-111				<b>B</b> 11111		-				7 1						Page		of 1
Project Manager:		er Moehr				Bill to: (if			Mark	Ritchie	9	-				- 1				-		r Commer		
Company Name:		ona Reso			Company Name:											_				PRP	∐ro	wnfields	_RC	perfund [
Address:	310 W	/ Wall St	Ste 415			Address	:									<b>⊣</b> 1	State of Project:							
City, State ZIP:	Midlar	nd, TX 79	9701			City, Sta	te ZIP:									<b>⊸</b> 1	Reporting:Level II Level III ST/UST					RRP	Level IV	
Phone:	(432)	813-682	23		Ema	il: mritchie	@silvert	backexp	com								Deliver	ables:	EDD		ADa	PT 🗆	Other:	
Project Name:		Mimo	sa Federal SV	VD 003		n Around							A	NALY	SIS R	EQU	EST					Pre	servat	tive Codes
Project Number:			1148		✓ Routine	Rus	h	Pres. Code														None: N	0	DI Water: H <sub>2</sub> O
Project Location		Eddy	County, New	Mexico	Due Date:																	Cool: Co	ol	MeOH: Me
Sampler's Name:			CCM							IRO												HCL: HC	;	HNO <sub>3</sub> : HN
PO #:								2		+ 0												H <sub>2</sub> S0 <sub>4</sub> : H	12	NaOH: Na
SAMPLE RECEIPT		IPT Temp Blank:		Yes No	Wet Ice:	Yes	No	Parameters	18	DRC	0.0							1				H <sub>3</sub> PO <sub>4</sub> : H	4P	
Received Intact:		(Y	es No	Thermometer I	D:				802	+	le 30											NaHSO4	: NABIS	
Cooler Custody Seal	Custody Seals: Yes No N/A		No N/A	Correction Fac	tor:			4	BTEX 8021B	TPH 8015M ( GRO + DRO + MRO)	Chloride 300.0				- 1			- 1	4			Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	: NaSO	3
Sample Custody Sea			Custody Seals: Yes No N/						4			SM.	5								- 1			Zn Aceta
Total Containers:	-13			Corrected Tem	perature;			# of Cont		1 80									- 1			NaOH+A	scorbic	Acid: SAPC
Sample Idea	e Identification		Date	Time	Soil	Water	Grab/ Comp			Ē												Sa	mple C	omments
T-2 (3	1.5')		12/6/2022		X		G	1	X	X	X										1			
T-3 (3	1.5')		12/6/2022		X		G	1	X	X	X										2			
T-4 (3	1.5')		12/6/2022		X		G	1	Х	Х	X										3			
1																								
															-	-		-			-			
					1					-					+			-	-	_		_		
																							_	
Comments:																								
			Relinquished I	by: (Signature)					Date/	Time					F	Recei	ved by:	: (Sigr	nature)				1	Date/Time
Low	nj	ae	jerry					12/12	3/22			1	-	_									12.	13.22
120		_	0					12.	14-7	2 B	- (	Co	eit		- (	56	2	+					12-1	5-22 10:3
	/	,																						

Printed: 12/16/2022 12:55:22PM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

The continuity of the continui	Cliante	Carmona Resources	Date Received:	12/15/22 1	0.20		Work Order ID:	E212094
Chain of Crestady (COC). Does the sample In order that COC? Does the number of samples of samples per sampling site location match the COC yes. Were samples otropped of by client or carrier?  Yes. Were samples otropped of by client or carrier?  Yes. Were a samples otropped of by client or carrier?  Yes. Were a samples otropped of by client or carrier?  Yes. Were a samples otropped of by client or carrier?  Yes. Were a sample cooler exceeded within holding time?  Yes. Carrier UPS  Nove a class of the sample of the control of the field. (c. 1) status hold files, as not related at this disease to. (c. 1) status hold files, as not classed and TAT?  Yes. Was a sample cooler received?  Yes. Was a sample cooler received in good condition?  Yes. (a) When catachy-facustry seals intact?  Nove a catachy-facustry seals intact?  Nove a catachy-facustry seals for status?  Nove Thermal preservation is not required, if samples are previous wit 15 minutes of sample and sample cooler except one of 17st, and the catachy-facustry seals for status?  Nove Thermal preservation is not required, if samples are previous wit 15 minutes of sample growth one of 15st, and 15st and 15s	Client:							
Chain of Castolet (COC)  Does the sample ID match the COC?  Does the number of samples per sampling site location match the COC  Yes  Was the COC complete, 1.e., signatures, dates titines, requested analyses?  No acceptable in the COC complete, 1.e., signatures, dates titines, requested analyses?  No Exercal samples received within holding time?  No Did the COC lindes minded 17AT or Expedited TAT?  Yes  Sample Cooler  New as a sample cooler received in good condition?  Yes  B. If yes, was cooler received in good condition?  Yes  No. The country of the COC in the Cooler of the first of the Cooler  No. The Cooler of the Cooler of the Cooler  No. The Cooler of the Cooler of the Cooler of the Good of the Cooler of							Logged In By:	Caitlin Christian
Li Dees the sample to Drastich the COC 2	Email:	cmoenring@carmonaresouces.com	Due Date:	12/21/22	17:00 (4 day 1A1)			
2. Does the number of samples per sampling site location match the COC Ver	Chain of	Custody (COC)						
3. Were samples dropped of Psy client or currier?  4. West the COC complete, i.e., signatures, status/times, requested unalyser?  5. Were all ammyles received within hodings time?  5. Were all ammyles received within hodings time?  5. Did the COC indicate standard TAT, or Expedited TAT?  5. Did the COC indicate standard TAT, or Expedited TAT?  5. Did the COC indicate standard TAT, or Expedited TAT?  5. If yes, were couler received in good condition?  7. Was a sample cooler received in good condition?  8. If yes, were custody/security seals intact?  10. Were custody/security seals intact?  11. Fyes, were custody/security seals intact?  12. Was the sample received on received in yes, the received will 5 units or Sampla.  13. If no violitie is, expedited I samples are received will 5 units or Sampla.  14. Are agreed selected in VOA vials?  16. Is the head space lested in VOA vials?  16. Is the head space lested in VOA vials?  17. Was a ris plant of the compensance. Actual sample temperature: 42C  5. Sample Container  18. Are non-VOC samples collected in the correct containers?  19. Sin and the sample should be samples more received or sample containers?  19. Is the appenpriate volume/weight or number of sample containers?  19. Is the appenpriate volume/weight or number of sample containers?  19. Is the appenpriate volume/weight or number of sample containers?  19. Is the appenpriate volume/weight or number of sample containers?  19. Is the appenpriate volume/weight or number of sample containers?  19. Is the appenpriate volume/weight or number of sample containers?  19. Is the appenpriate volume/weight or number of sample containers?  19. Is the appenpriate volume/weight or number of sample containers?  19. It is the appenpriate volume/weight or number of sample containers?  19. It is a sample to the containers?  19. It is a sample to the containers of the containers?  29. Wess a subcontract laboratory specified by the client and if so who?  20. Were contained to the containers of the client and if so who?  20. We	1. Does t	he sample ID match the COC?		Yes				
3. Were samples dropped of it by elient or earnier?  4. Was the COC complete, i.e., signatures, tulera/times, requested unalyses?  5. Were all ammples received within holding sime?  New Annier, and Time (TAT)  5. Det the COC indicate standard TAT, or Expedited TAT?  5. Det the COC indicate standard TAT, or Expedited TAT?  5. Det the COC indicate standard TAT, or Expedited TAT?  5. If yes, was confer received in good condition?  7. Was a sample coder received in good condition?  9. Was the sample's received in inst., i.e., not broken?  10. Were ceutsdoy/security seals present?  10. Were ceutsdoy/security seals instart?  11. Yes, were enstrody/security seals instart?  12. Was the sample received on ice? If yes, the received in girl of single green?  13. If no visible ice, record the temperature.  14. Are agreed selected in VOX visit?  15. Are VOX samples collected in VOX visit?  16. Is the head space lests than 6-8 mm (pea sized or less)?  16. Is the head space lests than 6-8 mm (pea sized or less)?  17. Was a rapiduse collected in the correct containers?  18. Are non-VOX samples collected in the correct containers?  19. Lib to appropriate volume/weight or mamber of sample containers?  19. Lib to appropriate volume/weight or mamber of sample containers?  19. Lib to appropriate volume/weight or mamber of sample containers?  19. Lib to appropriate volume/weight or mamber of sample containers?  19. Lib to appropriate volume/weight or mamber of sample containers?  19. Lib to appropriate volume/weight or mamber of sample containers?  19. Lib to appropriate volume/weight or mamber of sample containers?  19. Lib to appropriate volume/weight or mamber of sample containers?  19. Lib to appropriate volume/weight or mamber of sample containers?  19. Lib to appropriate volume/weight or mamber of sample containers?  19. Lib to appropriate volume/weight or mamber of sample containers?  19. Lib to appropriate volume/weight or mamber of sample containers?  29. Was a subcomment laboratory specified by the client and if so who?  1			h the COC	Yes				
No New earl samples received within bolding time?  Yes  Sample Conder  No Nat a sample lacease standard TAT, or Expedited TAT?  Yes  Sample Conder  No Nat a sample conder received in good condition?  No Nat a sample lace conder received in good condition?  No New the sample(s) received intact, i.e., not broken?  No New the sample(s) received intact, i.e., not broken?  No New the sample(s) received intact, i.e., not broken?  No New the sample varied on ise? If yes, the recorded temp is 4°C, i.e., 6°±2°C  Note: Thermal preservation is not required, if samples are received wit 15 minutes of samples of samples are received wit 15 minutes of samples collected in VA Valid?  No Net: Thermal preservation is not required, if samples are received wit 15 minutes of samples present?  No Net: Thermal preservation is not required, if samples are received wit 15 minutes of samples present?  No Net: Thermal preservation is not required, if samples are received wit 15 minutes of samples present?  No N	3. Were s	amples dropped off by client or carrier?			Carrier: U	JPS		
Note: Analysis, such as pH wish should be conducted in the field, It., 15 minus bold time, are not included in this diseases.  Sample TURA Around Time (TAT)  Sample Cooler  Sample Cooler received in good condition?  Yes  If yes, was cooler received in good condition?  Yes  If yes, was cooler received in good condition?  Yes  If yes, was cooler received in good condition?  Yes  If yes, was cooler received in good condition?  Yes  If yes, was cooler received in good condition?  Yes  If yes, was cooler received in good condition?  Yes  If yes, was cooler received in good condition?  Yes  If yes, was cooler received in good condition?  Yes  If yes, was cooler received in good condition?  Yes  Note: The analysis good that yes the condition of the good condition?  Yes  Note: The analysis good condition?  Yes  Note: The analysis good to good the good condition?  Yes  Sample Condition:  A required and yes good to good the good good condition?  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Ye	4. Was th	e COC complete, i.e., signatures, dates/times, request	ed analyses?	No	_			
Sample Cooker received? Site yeas, was cooker received in good condition? Yes Site yeas, was cooker received in good condition? Yes 10. Were custody/security seals present? 10. Were custody/security seals intact? 11. If yes, were custody/security seals intact? 12. Weat the sample cooker received in good condition? Note: Thermal preservation is not required, if samples are received wii 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 14. Are augueous VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? No Als 16. Is the head space less than 6-8 mm (pea sized or less)? No Als 17. Was a sample Induced for VOC analyses? No Als 18. Are non-VOC samples collected in the correct containers? Yes 19. Is the appropriate volume/weight or number of sample containers or less of yes 19. Is the appropriate volume/weight or number of samples were preserved? No Were field sample labels filled out with the minimum information: Sample Dress round Sample Dress round Sample Dress round Sample Correctly preserved? No Als 1s bid Riceration required and/or requested for dissolved metals? No Were field and Art'x  18. Does the sample have more than one phase, i.e., multiphase? No Als 1s be Riceration required and/or requested for dissolved metals? No Subcontract Laboratory No Als as subcontract Laboratory specified by the client and if so who? No Subcontract Laboratory specified by the client and if so who? No Subcontract Laboratory specified by the client and if so who? No Subcontract Laboratory specified by the client and if so who? No Subcontract Laboratory specified by the client and if so who? No Subcontract Laboratory specified by the client and if so who? No Subcontract Laboratory specified by the client and if so who? No Subcontract Laboratory specified by the client and if so who? No Subcontract Laboratory specified by the client	5. Were a			Yes				
Sample Turn Around Time (LAT)  5. Did the COC indicates standard TAT, or Expedited TAT?  7. Was a sample cooler received?  7. Was a sample cooler received in good condition?  8. Was the sample(s) proceived intact, i.e., not broken?  10. Were custody/security seals present?  11. If yes, were custody/security seals present?  12. Was the sample for every seals intact?  13. If no visible ice, received in ne'ef If yes, the recorded temp is 4°C. i.e., 6°2°C  Note. Themal preservation is not required, if samples are received with its minutes of sampling  13. If no visible ice, received the reperture. Actual sample temperature: 4°C  Sample Container  15. Are VOC samples collected in VOA Vials?  16. Is the head space less than 6-8 mm (nea sized or less)?  17. Was a trip blank (TB) included for VOC unalyses?  18. Are non-VOC samples collected in the correct containers?  19. Is the papporties volume/veight or number of sample containers or Ves  19. Is the propriet southwer/veight or number of sample containers or Ves  19. Is the papporties volume/veight or number of sample containers or Ves  19. One were field sample labels filled out with the minimum information:  19. Sample ID?  10. One were field sample labels indicate the samples were preserved?  10. Does the COC or field labels indicate the samples were preserved?  11. Does the COC or field labels indicate the samples were preserved?  12. Are sample(s) correctly preserved?  13. If yes, does the COC specify which phase(s) is to be analyzed?  14. Subcontract Laboratory specified by the client and if so who?  15. Are Subcontract Laboratory specified by the client and if so who?  16. Subcontract Laboratory specified by the client and if so who?  17. Was a subcontract Laboratory specified by the client and if so who?  18. Are samples required to get sent to a subcontract laboratory?  19. Was a subcontract Laboratory specified by the client and if so who?  18. Are samples required to get sent to a subcontract laboratory?  19. Was a subcontract Laboratory specified by the c		- · · · · · · · · · · · · · · · · · · ·					Comment	s/Resolution
S. Did the COC: indicate standard TAT, or Expedited TAT?  Yes Sample Cooler received?  Nas a sample cooler received?  Nas a sample cooler received?  No was the sample of preceived in good condition?  Yes  No Nas the sample of preceived in good condition?  Yes  No	Cample '		1.		ı			5/110501411011
Sample Cooler  Was a sample cooler received?  Was a sample cooler received in good condition?  Yes  Was be sample(s) received in good condition?  Yes  Was be sample(s) received in good condition?  Yes  Was the sample sole created intect, i.e., not broken?  No  11. If yes, were custody/security seals present?  No  No  12. Was the sample received on its or required, if samples are received wir 15 minutes of sampling  13. If no visible ice, record the temperature. Actual sample temperature: 4°C  Sample Container  14. Are auguous VOC samples present?  15. Are VOC samples collected in VOA Vails?  NA  16. Is the hand space less than 6-8 mm (pea sized or less)?  NA  17. Was at rip blank (BT) included for VOC analyses?  NA  18. Are non-VOC samples collected in the correct containers?  Yes  19. Is the appropriate volume/weight or number of sample containers collected?  Yes  19. Is the appropriate volume/weight or number of sample containers collected?  Yes  19. Date Time Collected?  Collectors name?  No  Sample Difference required and/or requested for dissolved metals?  No  Waltiphase Sample Maria.  26. Does the COC or field dabels indicate the samples were preserved?  No  Waltiphase Sample Maria.  26. Does the sample have more than one phase, i.e., multiphase?  No  Waltiphase Sample Difference required to get sent to a subcontract laboratory?  28. Are samples required to get sent to a subcontract laboratory?  No  No  Client Instruction  Client Instruction				Ves		Time samp	led not provi	ded on COC by
7. Was a sample cooler received? 8. If yes, was cooler received in good condition? 9. Was the sample(s) received intact, i.e., not broken? 9. Was the sample(s) received intact, i.e., not broken? 10. Were custody/security seals intact? 11. If yes, were custody/security seals intact? 12. Was the sample received on ice! If yes, the recorded temp is 4°C, i.e., 6°2°C Note: Thermal preservation is not required, if samples are received wi 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 4°C Sample Constance 14. Are aqueous VOC samples present? 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Viule? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (1B) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Date Time Collected? 20. Were field sample labels filled out with the minimum information: 21. Does the COC or field labels indicate the samples were preserved? 22. Are sample) correctly preserved? 23. Las sample lay correctly preserved? 24. Is lab filteration required and/or requested for dissolved metals? 25. Does the sample have more than one phase, i.e., multiphase? 26. Does the sample have more than one phase, i.e., multiphase? 27. If yes, does the COC opecify which phase(s) is to be analyzed? 28. Are samples required to get sent to a subcontract laboratory? 29. Was a subcontract laboratory 20. Was a subcontract laboratory 20. Was a subcontract laboratory 21. Does the sample have more than one phase, i.e., multiphase? 32. Are samples required to get sent to a subcontract laboratory? 33. Are samples required to get sent to a subcontract laboratory? 34. Subcontract Laboratory 35. Are samples required to get sent to a subcontract laboratory? 36. Are samples required to get sent to a subcontract laboratory? 37. Are sample		•		103		_	1	y
8. If yes, was cooler received in good condition? 9. Was the sample(s) received intact, i.e., not broken? 10. Were custody/security seals present? 11. If yes, were custody/security seals present? 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note. Thermal preservation is not required, if samples are received wil 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 4°C Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip black (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Sample (DC) 19. See the propriate volume/weight or number of sample containers or less than 6. Sample (DC) 19. Collectors name? 10. Were field sample labels filled out with the minimum information: 19. Sample (DC) 20. Are samples (Collected)? 20. Were field sample labels indicate the samples were preserved? 21. Is a sample(s) correctly preserved? 22. Are sample(s) correctly preserved? 23. Are sample(s) correctly preserved? 24. Is lab filteration required and/or requested for dissolved metals? 25. Does the COC of field labels indicate the samples were preserved? 26. Does the sample have more than one phase, i.e., multiphase? 27. If yes, does the COC specify which phase(s) is to be analyzed? 28. Are sample sample have more than one phase, i.e., multiphase? 29. Was a subcontract Laboratory. 29. Was a subcontract laboratory specified by the client and if so who? 20. Were the sample subcontract Laboratory specified by the client and if so who? 20. Were the sample subcontract Laboratory specified by the client and if so who? 20. Were the sample subcontract Laboratory specified by the client and if so who? 20. Were the sample subcontract Laboratory				Ves		Circiii.		
9. Was the sample(s) received intact, i.e., not broken? 10. Were custody/security seals present? 11. If yes, were custody/security seals intact? 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received win 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: \$\frac{4}{2}\text{C}\$ Note: Thermal preservation is not required, if samples are received win 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: \$\frac{4}{2}\text{C}\$ Sample Continuer 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? NA 16. Is the head space less than 6-8 mm (pea sized or less)? NA 17. Was a trip blank (TB) included for VOC analyses? NA 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Were field sample labels filled out with the minimum information: Sample ID? Sample ID? Date: Time Collected? 20. Were field sample labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? NA 24. Is lab filteration required and/or requested for dissolved metals? No Multiobase Sample Martix 26. Does the COC or field labels indicate the samples were preserved? No Multiobase Sample have more than one phase, i.e., multiphase? No Multiobase Sample Martix 27. If yes, does the COC specify which phase(s) is to be analyzed? No Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No Subcontract Laboratory No Client Instruction		_						
10. Were custody/security seals present?   No	•	<u>•</u>						
11. If yes, were custedly/security seals intact?  12. Wes the sample received on ite? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note. Thermal preservation is not required, if samples are received wi 15 minutes of sampling  13. If no visible is e.e, record the temperature. Actual sample temperature: 4°C Sample Container  14. Are aqueous VOC samples present?  15. Are VOC samples collected in VOA Vials?  16. Is the head space less than 6-8 mm (pea sized or less)?  17. Was a trip blank (TB) included for VOC analyses?  18. Are non-VOC samples collected in the correct containers?  19. Is the appropriate volume/weight or number of sample containers collected?  19. Is the appropriate volume/weight or number of sample containers collected?  20. Were field sample labels filled out with the minimum information:  Sample ID?  21. Does the COC or field labels indicate the samples were preserved?  22. Are sample(s) correctly preserved?  23. Are samples and/or requested for dissolved metals?  No Multiphase Sample Martix  26. Does the sample have more than one phase, i.e., multiphase?  27. If yes, does the COC specify which phase(s) is to be analyzed?  28. Are samples required and/or requested for dissolved metals?  No Multiphase Sample Martix  29. Was a subcontract laboratory  29. Was a subcontract laboratory specified by the client and if so who?  No Subcontract Lab: na  Client Instruction								
12. Was the sample received on ice? If yes, the recorded temp is 4°C. i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received wit 15 minutes of sampling.  13. If no visible ice, record the temperature. Actual sample temperature: 4°C Sample Container  14. Are aqueous VOC samples present?  15. Are VOC samples collected in VOA Vials?  16. Is the head space less than 6-8 mm (pea sized or less)?  17. Was a trip blank (TB) included for VOC analyses?  18. Are non-VOC samples collected in the correct containers?  19. Is the appropriate volume/weight or number of sample containers collected?  19. Is the appropriate volume/weight or number of sample containers collected?  19. Were field sample labels filled out with the minimum information:  10. Sample Dreservation  10. Desertine Collected?  10. Does field alabels indicate the samples were preserved?  10. Are sample(s) correctly preserved?  11. No  12. Are sample(s) correctly preserved?  12. Are sample(s) correctly preserved?  13. If no visible indicate the samples were preserved?  14. Is lab filteration required and/or requested for dissolved metals?  15. Does the sample have more than one phase, i.e., multiphase?  16. Does the sample have more than one phase, i.e., multiphase?  17. If yes, does the COC specify which phase(s) is to be analyzed?  18. Are samples required to get sent to a subcontract laboratory?  19. Was a subcontract Laboratory specified by the client and if so who?  10. Subcontract Lab. Ina  11. Client Instruction								
Note: Thermal preservation is not required, if samples are received wit 15 minutes of sampling (as of sampling)  31. If no visible ice, record the temperature. Actual sample temperature: 4°C sample Container  14. Are aqueous VOC samples present? No 15. Are VOC samples collected in VOA Vials? NA 17. Was a trip blank (TB) included for VOC analyses? NA 18. Are non-VOC samples collected in the correct containers? Yes 19. Is the appropriate volume/weight or number of sample containers collected? Yes  Field Label 20. Were field sample labels filled out with the minimum information: Sample ID? Yes Date/Time Collected? Yes Collectors name? No Sample Preservation  21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample/3 correctly preserved? NA 24. Is lab filteration required and/or requested for dissolved metals? No Multiphase Sample Matrix.  25. Does the sample have more than one phase, i.e., multiphase? No 29. Was a subcontract Laboratory  29. Was a subcontract Laboratory specified by the client and if so who? NA Client Instruction	-	•						
13. If no visible ice, record the temperature. Actual sample temperature: 4°C Sample Container.  14. Are aqueous VOC samples present?  15. Are VOC samples collected in VOA Vials?  16. Is the head space less than 6-8 mm (pea sized or less)?  17. Was a trip blank (TB) included for VOC analyses?  18. Are non-VOC samples collected in the correct containers?  19. Is the appropriate volume/weight or number of sample containers collected?  19. Is the appropriate volume/weight or number of sample containers collected?  19. Were field sample labels filled out with the minimum information:  10. Sample ID?  10. Date film Collected?  10. Sample Preservation  10. Does the COC or field labels indicate the samples were preserved?  10. No  11. Does the COC or field labels indicate the samples were preserved?  12. Are sample(s) correctly preserved?  13. In the COC or field sample has a preserved?  14. Is lab filteration required and/or requested for dissolved metals?  15. No  16. In the word of the correct of the	12. Was th	Note: Thermal preservation is not required, if samples are		Yes				
14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vals? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Date/Time Collected? 10. Were field sample labels filled out with the minimum information: 10. Date/Time Collected? 10. Date/Time Collected? 10. Sample Preservation 11. Does the COC or field labels indicate the samples were preserved? 12. Does the COC or field labels indicate the samples were preserved? 13. Is lab filteration required and/or requested for dissolved metals? 14. Is lab filteration required and/or requested for dissolved metals? 15. Till yes, does the COC specify which phase(s) is to be analyzed? 16. Does the sample have more than one phase, i.e., multiphase? 17. If yes, does the COC specify which phase(s) is to be analyzed? 18. Are samples required to get sent to a subcontract laboratory? 19. Was a subcontract Laboratory specified by the client and if so who? 18. Are samples a subcontract laboratory specified by the client and if so who? 18. Are samples a subcontract Laboratory specified by the client and if so who? 18. Are samples a subcontract Laboratory specified by the client and if so who? 18. Are samples a subcontract Laboratory specified by the client and if so who? 18. Are samples a subcontract Laboratory specified by the client and if so who? 18. Are samples a subcontract Laboratory specified by the client and if so who? 18. Are samples a subcontract Laboratory specified by the client and if so who? 18. Are samples a subcontract Laboratory specified by the client and if so who? 18. Are samples a subcontract Laboratory specified by the client and if so who? 18. Are samples a subcontract Laboratory specified by the client samples are subcontract Laboratory specified subcontract Lab	13. If no	• •	emperature: 4°C	<u> </u>				
15. Are VOC samples collected in VOA Vials?  16. Is the head space less than 6-8 mm (pea sized or less)?  NA  16. Is the head space less than 6-8 mm (pea sized or less)?  NA  18. Are non-VOC samples collected for VOC analyses?  NA  19. Is the appropriate volume/weight or number of sample containers collected?  Field Label  On Were field sample labels filled out with the minimum information:  Sample ID?  Date/Time Collected?  Collectors name?  No  Sample Preservation  12. Are sample(s) correctly preserved?  NA  NA  NA  NA  NA  NA  NA  Subcontract Laboratory  NA  Subcontract Laboratory  NA  Subcontract Laboratory specified by the client and if so who?  Client Instruction	Sample (	Container_						
16. Is the head space less than 6-8 mm (pea sized or less)?  17. Was a trip blank (TB) included for VOC analyses?  18. Are non-VOC samples collected in the correct containers?  19. Is the appropriate volume/weight or number of sample containers collected?  19. Is the appropriate volume/weight or number of sample containers collected?  19. Date: Field Label  20. Were field sample labels filled out with the minimum information:  Sample ID?  Date: Time Collected?  Collectors name?  10. Does the COC or field labels indicate the samples were preserved?  10. Sample Preservation  21. Does the COC or field labels indicate the samples were preserved?  No  Multiphase Sample Matrix  26. Does the sample have more than one phase, i.e., multiphase?  No  Multiphase Sample Matrix  27. If yes, does the COC specify which phase(s) is to be analyzed?  No  Subcontract Laboratory  28. Are samples required to get sent to a subcontract laboratory?  No  No  No  Subcontract Laboratory specified by the client and if so who?  No  Client Instruction	14. Are a	queous VOC samples present?		No				
17. Was a trip blank (TB) included for VOC analyses?  18. Are non-VOC samples collected in the correct containers?  19. Is the appropriate volume/weight or number of sample containers collected?  19. Is the appropriate volume/weight or number of sample containers collected?  19. Is the appropriate volume/weight or number of sample containers collected?  19. Wes  19. Is the appropriate volume/weight or number of sample containers collected?  20. Were field sample labels filled out with the minimum information:  10. Sample ID?  11. Does the COC or field labels indicate the samples were preserved?  12. Does the COC or field labels indicate the samples were preserved?  13. Is lab filteration required and/or requested for dissolved metals?  14. Is lab filteration required and/or requested for dissolved metals?  15. Does the sample have more than one phase, i.e., multiphase?  16. Does the sample have more than one phase, i.e., multiphase?  17. If yes, does the COC specify which phase(s) is to be analyzed?  18. Are samples required to get sent to a subcontract laboratory?  19. Was a subcontract Laboratory  20. Was a subcontract laboratory specified by the client and if so who?  10. Value of the contract laboratory specified by the client and if so who?  10. Value of the contract laboratory specified by the client and if so who?  10. Value of the contract laboratory specified by the client and if so who?  10. Value of the contract laboratory specified by the client and if so who?  10. Value of the contract laboratory specified by the client and if so who?  10. Value of the contract laboratory specified by the client and if so who?  10. Value of the contract laboratory specified by the client and if so who?  10. Value of the contract laboratory specified by the client and if so who?  10. Value of the contract laboratory specified by the client and if so who?  10. Value of the contract laboratory specified by the client and if so who?  10. Value of the contract laboratory specified by the client and if so who?  10. Value	15. Are V	OC samples collected in VOA Vials?		NA				
18. Are non-VOC samples collected in the correct containers?  19. Is the appropriate volume/weight or number of sample containers collected?  19. Is the appropriate volume/weight or number of sample containers collected?  19. Is the appropriate volume/weight or number of sample containers collected?  19. Is the appropriate volume/weight or number of sample containers collected?  19. Is were field sample labels filled out with the minimum information:  19. Sample ID?  19. Date/Time Collected?  19. Collectors name?  19. No  19. Sample Preservation  19. Loos the COC or field labels indicate the samples were preserved?  10. Does the COC or field labels indicate the samples were preserved?  10. No  11. Does the COC or field labels indicate the samples were preserved?  10. No  11. Indicate the sample have required and/or requested for dissolved metals?  10. No  11. Indicate the sample	16. Is the	head space less than 6-8 mm (pea sized or less)?		NA				
19. Is the appropriate volume/weight or number of sample containers collected?  Field Label 20. Were field sample labels filled out with the minimum information:  Sample ID? Date/Time Collected? Collectors name? No  Sample Preservation.  21. Does the COC or field labels indicate the samples were preserved? No  22. Are sample(s) correctly preserved? No  Multiphase Sample Martix 26. Does the ample have more than one phase, i.e., multiphase? No  27. If yes, does the COC specify which phase(s) is to be analyzed? NA  Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No  No  Subcontract Laboratory specified by the client and if so who? NA  Subcontract Laboratory specified by the client and if so who? NA  Client Instruction	17. Was a	a trip blank (TB) included for VOC analyses?		NA				
Field Label 20. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Yes Collectors name? No Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? No Multiphase Sample Matrix Co. Does the sample have more than one phase, i.e., multiphase? No T, If yes, does the COC specify which phase(s) is to be analyzed? No Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No No Subcontract Laboratory specified by the client and if so who? No Client Instruction	18. Are r	on-VOC samples collected in the correct containers?		Yes				
20. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? No Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No Subcontract Laboratory 29. Was a subcontract laboratory specified by the client and if so who?  Client Instruction  Yes No No No Subcontract Lab: na  Client Instruction	19. Is the	appropriate volume/weight or number of sample contained	ers collected?	Yes				
Sample ID? Date/Time Collected? Collectors name? No Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No 27. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratorv 28. Are samples required to get sent to a subcontract laboratory? No Output Description No Subcontract Laboratory specified by the client and if so who? NA Subcontract Lab: na Client Instruction	Field La	<u>bel</u>						
Date/Time Collected? Collectors name? No Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No Subcontract Laboratory 27. If yes, does the COC specify which phase(s) is to be analyzed? No Subcontract Laboratory No Subcontract Laboratory No Subcontract Laboratory specified by the client and if so who? No Client Instruction		•	mation:					
Collectors name?  No  Sample Preservation  21. Does the COC or field labels indicate the samples were preserved?  No  22. Are sample(s) correctly preserved?  No  Multiphase Sample Matrix  26. Does the sample have more than one phase, i.e., multiphase?  No  27. If yes, does the COC specify which phase(s) is to be analyzed?  NA  Subcontract Laboratory  28. Are samples required to get sent to a subcontract laboratory?  No  99. Was a subcontract laboratory specified by the client and if so who?  Client Instruction  No  Client Instruction		•						
Sample Preservation.  21. Does the COC or field labels indicate the samples were preserved?  22. Are sample(s) correctly preserved?  23. Is lab filteration required and/or requested for dissolved metals?  24. Is lab filteration required and/or requested for dissolved metals?  25. Does the sample have more than one phase, i.e., multiphase?  26. Does the sample have more than one phase(s) is to be analyzed?  27. If yes, does the COC specify which phase(s) is to be analyzed?  28. Are samples required to get sent to a subcontract laboratory?  29. Was a subcontract laboratory specified by the client and if so who?  Client Instruction  Client Instruction								
21. Does the COC or field labels indicate the samples were preserved?  22. Are sample(s) correctly preserved?  23. Are sample(s) correctly preserved?  24. Is lab filteration required and/or requested for dissolved metals?  25. Does the sample have more than one phase, i.e., multiphase?  26. Does the sample have more than one phase(s) is to be analyzed?  27. If yes, does the COC specify which phase(s) is to be analyzed?  28. Are samples required to get sent to a subcontract laboratory?  29. Was a subcontract laboratory specified by the client and if so who?  20. No  Client Instruction				NO				
22. Are sample(s) correctly preserved?  24. Is lab filteration required and/or requested for dissolved metals?  No  Multiphase Sample Matrix  26. Does the sample have more than one phase, i.e., multiphase?  No  27. If yes, does the COC specify which phase(s) is to be analyzed?  NA  Subcontract Laboratory  28. Are samples required to get sent to a subcontract laboratory?  No  29. Was a subcontract laboratory specified by the client and if so who?  Client Instruction  Client Instruction	_		served?	No				
24. Is lab filteration required and/or requested for dissolved metals?  No  Multiphase Sample Matrix  26. Does the sample have more than one phase, i.e., multiphase? No  27. If yes, does the COC specify which phase(s) is to be analyzed? NA  Subcontract Laboratory  28. Are samples required to get sent to a subcontract laboratory? No  29. Was a subcontract laboratory specified by the client and if so who?  Client Instruction  Client Instruction		•						
26. Does the sample have more than one phase, i.e., multiphase?  No 27. If yes, does the COC specify which phase(s) is to be analyzed?  NA  Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No 29. Was a subcontract laboratory specified by the client and if so who?  Client Instruction  Client Instruction			etals?					
26. Does the sample have more than one phase, i.e., multiphase?  No 27. If yes, does the COC specify which phase(s) is to be analyzed?  NA  Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No 29. Was a subcontract laboratory specified by the client and if so who?  Client Instruction  Client Instruction	Multiph:	ase Sample Matrix						
27. If yes, does the COC specify which phase(s) is to be analyzed?  8. Subcontract Laboratorv 28. Are samples required to get sent to a subcontract laboratory? No 29. Was a subcontract laboratory specified by the client and if so who?  Client Instruction  Client Instruction			e?	No				
Subcontract Laboratory  28. Are samples required to get sent to a subcontract laboratory?  No  29. Was a subcontract laboratory specified by the client and if so who?  Client Instruction								
28. Are samples required to get sent to a subcontract laboratory?  No 29. Was a subcontract laboratory specified by the client and if so who?  Client Instruction								
29. Was a subcontract laboratory specified by the client and if so who?  NA Subcontract Lab: na  Client Instruction			,9	No				
					Subcontract Lab	o: na		
	Client I	<u>nstruction</u>						

Date

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

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 207695

#### **CONDITIONS**

Operator:	OGRID:
Silverback Operating II, LLC	330968
19707 IH10 West, Suite 201	Action Number:
San Antonio, TX 78256	207695
	Action Type:
	[C-141] Release Corrective Action (C-141)

#### CONDITIONS

Created B	y Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2227144903 MIMOSA FED #3 SWD, thank you. This closure is approved.	9/1/2023