



November 4, 2025

**New Mexico Oil Conservation Division**

1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

**Re: Remediation Work Plan  
Weinberger Federal Com 211H Well Pad  
Incident Number: nAPP2504854029  
Lea County, New Mexico**

To Whom it May Concern:

Ensolum, LLC (Ensolum), on behalf of Matador Production Company, (Matador), has prepared this *Remediation Work Plan (RWP)* to document assessment and soil sampling activities performed at the Weinberger Federal Com 211H Well Pad (Site) and proposing additional delineation and remedial actions. The purpose of the Site assessment and soil sampling activities was to address waste-containing soil resulting from a produced water release. Devon is submitting this *RWP*, describing analytical results from soil sampling activities associated with Incident Number nAPP2504854029 and proposing excavation of the subject matter release prior to submitting a *Closure Request*.

**BACKGROUND**

The Site is located in Unit L, Section 30, Township 24 South, Range 36 East, in Lea County, New Mexico (32.18874°, -103.30919°) and is associated with oil and gas exploration and production operations on Private land.

On February 17, 2025, an equipment failure during fracking operations resulted in the release of approximately 29 barrels (bbls) of produced water onto the caliche pad; 25 bbls of produced water were recovered. Matador reported the release to the New Mexico Oil Conservation Division (NMOCD) via web portal on February 17, 2025, and submitted an Initial C-141 Report (C-141) on February 18, 2025. The release was assigned Incident Number nAPP2504854029.

Due to ongoing completions operations at the Site, an initial 90-day extension request was submitted to the NMOCD on May 19, 2025, and approved by NMOCD personnel on May 20, 2025. A second 90-day extension request was submitted to the NMOCD and approved on August 18, 2025. Ensolum personnel were able to collect six lateral delineation soil samples (SS01 through SS05 and SS07) at ground surface and 1-foot below ground surface (bgs) and one borehole (BH01) in-between drilling operations and the beginning of flowback operations. Currently, flowback is still in progress and additional lateral and vertical delineation soil sampling within and around the release extent is warranted.

**SITE CHARACTERIZATION AND CLOSURE CRITERIA**

The Site was characterized to assess the applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC). Site Assessment/Characterization is described below. Potential Site receptors are identified on Figure 1.

The closest permitted groundwater well with available depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) soil boring CP-01919 POD1, located approximately 1.36 miles south of the Site. The soil boring was advanced to a total depth of 101 feet bgs with no water encountered. There are no regional or Site-specific hydrogeological conditions, such as shallow surface water, karst features, wetlands, or vegetation to suggest the Site is conducive to shallower groundwater. All wells used for depth to groundwater determination are presented in Figure 1. The referenced Well Record & Log is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is an intermittent dry wash, located approximately 761 feet west of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area).

Based on the results of the desktop Site Characterization, the following NMOCD Table I Closure Criteria (Closure Criteria) *currently* apply:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH): 100 mg/kg
- Chloride: 600 mg/kg

Excavation and soil sampling activities (if warranted) will be completed in accordance with 19.15.29 NMAC.

## SITE ASSESSMENT AND DELINEATION SOIL SAMPLING ACTIVITIES

Beginning on September 16, 2025, Ensolum personnel were onsite to delineate the lateral extent of the release as indicated by field observations and information provided in the C-141. A total of six lateral soil samples (SS01 through SS05 and SS07) were collected at ground surface and 1-foot bgs beyond the edge of the observed release extent. On September 24, 2025, one borehole, BH01, was advanced via hand auger within the release extent to assess the vertical extent of the release. Borehole BH01 was advanced to a terminal depth of 3 feet bgs. All delineation soil samples were field screened for chloride utilizing Hach® Chloride QuanTab® test strips and for TPH utilizing a PetroFLAG® Soil Analyzer System, respectively. Field screening results and observations for the boreholes were logged on lithologic/soil sampling logs, which are included in Appendix B. Photographic documentation of delineation activities is included in Appendix C.

All soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Envirotech Analytical Laboratory (Envirotech) in Farmington, New Mexico, for analysis of the following constituents of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-gasoline range organics (GRO), TPH-diesel range organics (DRO), and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300.0.

## LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for lateral delineation soil samples (SS01 through SS05 and SS07) were all in compliance with the strictest Closure Criteria at ground surface and 1-foot bgs. Laboratory analytical results for borehole BH01 indicated chloride concentrations exceeded the strictest Closure Criteria at ground surface and 1-foot bgs; however, COC concentrations were in compliance with the Site Closure Criteria at 0.5 feet bgs and a depth of 2 feet bgs. Laboratory results are summarized in Table 1 and laboratory analytical reports are included in Appendix D.

## PROPOSED REMEDIATION WORK PLAN

Matador proposes to complete excavation activities at the Site according to the following actions:

- Matador intends to complete a depth to water soil boring to establish depth to groundwater within a 1/2-mile radius of the Site. The soil boring will be advanced to a depth of approximately 101 feet bgs and install temporary casing. The soil boring will be left open for at least 72 hours to allow for potential ground water to equilibrate within the casing and measured utilizing a water interface probe.
- Upon completion of the depth to water boring and confirmation groundwater beneath the Site is greater than 51 feet bgs or greater than 101 feet bgs, excavate impacted and waste containing soil to a depth determined by the re-evaluated Site Closure Criteria based solely on determination of depth to groundwater and the absence of any other sensitive receptor related to the Site. Matador believes these actions will be equally protective of human health, the environment, and groundwater.
- Complete additional lateral and vertical delineation soil sampling within and around the release extent as required in 19.15.29.11 NMAC.
- Excavate any impacted or waste-containing soil from within the release extent to the maximum extent practicable (MEP). Impacted and/or waste-containing soil will be transferred to an approved landfill facility for disposal.
- The excavation will be backfilled and recontoured to match pre-existing conditions.
- If there are areas to be deferred on pad due to the presence of equipment and/or pipelines, such as those under a lined secondary containment, lateral delineation samples will be collected to properly quantify the residual soil impacts that will be addressed during major Site reconstruction or following plugging and abandonment of the well and reclamation of the well pad.

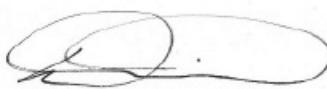
Matador will complete the proposed excavation and soil sampling activities within 180 days of the date of approval of this *RWP* by the NMOCD.

If you have any questions or comments, please contact Ms. Ashley Giovengo at (575) 988-0055 or [agiovengo@ensolum.com](mailto:agiovengo@ensolum.com).

Sincerely,  
**Ensolum, LLC**



Ashley Giovengo  
Associate Principal



Daniel R. Moir, PG (licensed in WY & TX)  
Senior Managing Geologist

cc: Jason Touchet, Matador

**Appendices:**

Figure 1 Site Receptor Map  
Figure 2 Delineation Soil Sample Locations  
Figure 3 Proposed Excavation Extent

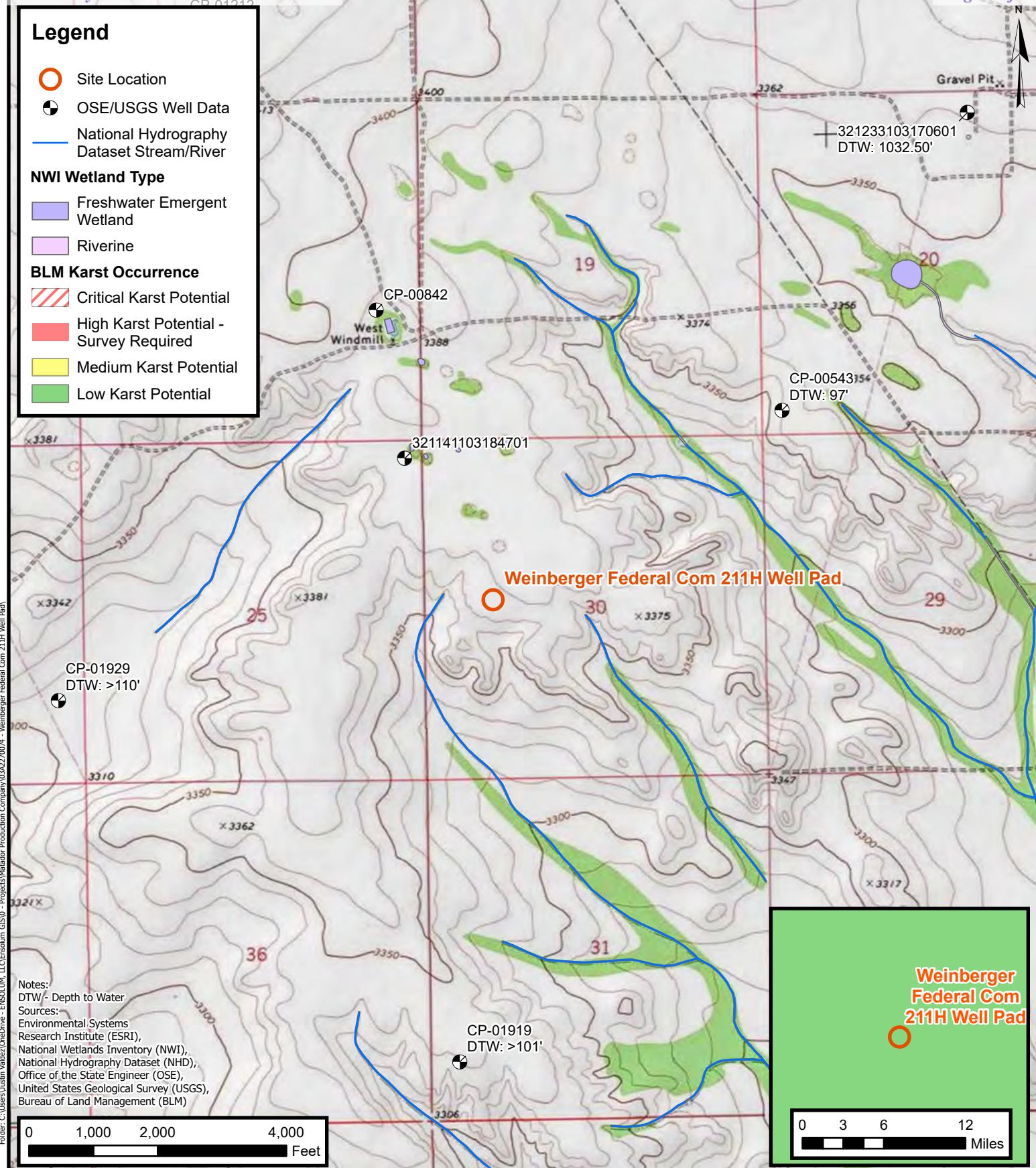
Table 1 Soil Sample Analytical Results

Appendix A Well Record and Log  
Appendix B Lithologic Soil Sampling Logs  
Appendix C Photographic Log  
Appendix D Laboratory Analytical Reports & Chain-of-Custody Documentation  
Appendix E NMOCD Correspondence



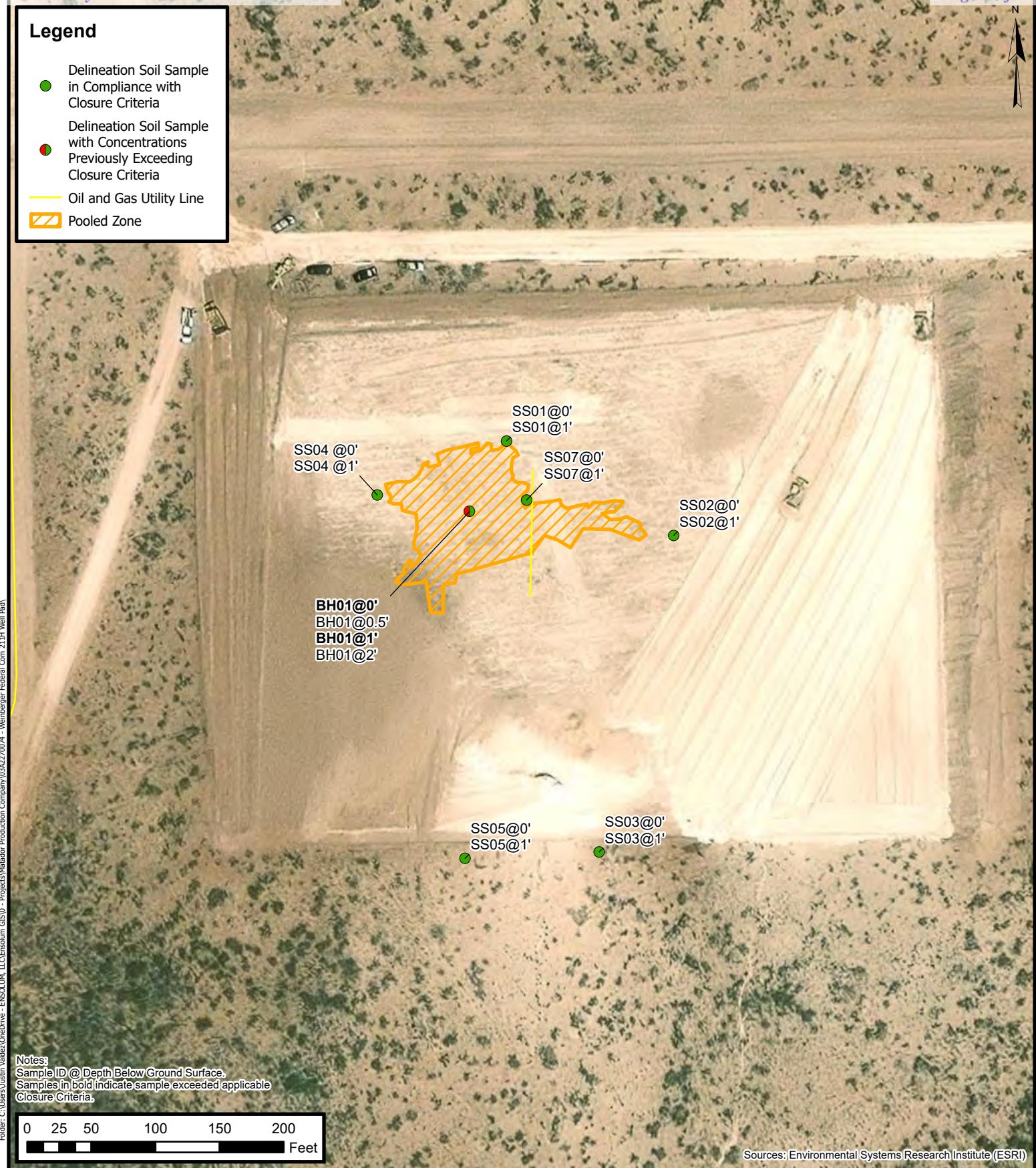
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## FIGURES



**Legend**

- Delineation Soil Sample in Compliance with Closure Criteria
- Delineation Soil Sample with Concentrations Previously Exceeding Closure Criteria
- Oil and Gas Utility Line
- Pooled Zone



**Delineation Soil Sample Locations**  
Matador Production Company  
Weinberger Federal Com 211H Well Pad  
Incident Number: nAPP2504854029  
Unit L, Section 30, T 24S, R 36E  
Lea County, New Mexico

**FIGURE**  
**2**



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## TABLES



**TABLE 1**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
**Weinberger Fed Com 211H Well Pad**  
**Matador Production Company**  
**Lea County, New Mexico**

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
<b>NMOCD Table I Closure Criteria (NMAC 19.15.29)</b>			<b>10</b>	<b>50</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>100</b>	<b>600</b>
<b>Delineation Soil Samples</b>										
SS01	9/16/2025	0	<0.0250	<0.0500	<20.0	31.9	<50.0	31.9	<50.0	415
SS01	9/16/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	204
SS02	9/17/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	376
SS02	9/17/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	544
SS03	9/18/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	23.0
SS03	9/18/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	33.4
SS04	9/17/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	487
SS04	9/17/2025	1	<0.0250	<0.0500	<20.0	31.1	<50.0	31.1	<50.0	453
SS05	9/18/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	64.5
SS05	9/18/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	136
SS07	9/24/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	524
SS07	9/24/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	537
BH01	9/24/2025	0	<0.0250	<0.0500	<20.0	41.7	<50.0	41.7	<50.0	<b>784</b>
BH01	9/24/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	489
BH01	9/24/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<b>1,290</b>
BH01	9/24/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	233

**Notes:**

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

"&lt;": Laboratory Analytical result is less than reporting limit

Concentrations in **bold** exceed the NMOCD Table I Closure Criteria or reclamation standard where applicable.

\* Indicates sample was collected in area to be reclaimed after remediation is complete; reclamation for chloride in the top 4 feet is 600 mg/kg and total TPH is 100 mg/kg.

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes



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## APPENDIX A

### Well Record and Log

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# WELL RECORD & LOG

## OFFICE OF THE STATE ENGINEER

[www.ose.state.nm.us](http://www.ose.state.nm.us)

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD-1			WELL TAG ID NO. n/a		OSE FILE NO(S). CP-1919			
	WELL OWNER NAME(S) Ameredev Operating, LLC			PHONE (OPTIONAL) 737-300-4700					
	WELL OWNER MAILING ADDRESS 2901 Via Fortuna Suite 600			CITY Austin		STATE TX	ZIP 78746		
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE	10	8.46	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND			
		LONGITUDE	103	18	40.42	W	* DATUM REQUIRED: WGS 84		
	DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NW L4 Sec.31 T24S R36S NMPM								
	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.			
	DRILLING STARTED 9/20/22		DRILLING ENDED 9/20/2022	DEPTH OF COMPLETED WELL (FT) temporary well material	BORE HOLE DEPTH (FT) ±101	DEPTH WATER FIRST ENCOUNTERED (FT) n/a			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT)	n/a	DATE STATIC MEASURED 9/26/2022		
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES – SPECIFY:								
DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER – SPECIFY: Hollow Stem Auger						CHECK HERE IF PITLESS ADAPTER IS <input type="checkbox"/> INSTALLED			
DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)		
FROM	TO								
0	101	±6.25"	Boring-HSA	--	--	--	--		
OSE DR SEP 30 2022 PM 1:27									
2. DRILLING & CASING INFORMATION	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL		AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO							
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL		AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO							

FOR OSE INTERNAL USE

WR-20 WELL RECORD &amp; LOG (Version 01/28/2022)

FILE NO. CP-1919	POD NO.	TRN NO. 133737
LOCATION 24S. 36E. 31 133	WELL TAG ID NO.	PAGE 1 OF 2

FOR OSE INTERNAL USE	WR-20 WELL RECORD & LOG (Version 01/28/2022)		
FILE NO. CP-1919	POD NO. 1	TRN NO. 733737	PAGE 2 OF 2
LOCATION 24S. 31E. 31 133	WELL TAG ID NO.		

Mike A. Hamman, P.E.  
State Engineer



Roswell Office  
1900 WEST SECOND STREET  
ROSWELL, NM 88201

STATE OF NEW MEXICO  
OFFICE OF THE STATE ENGINEER

Trn Nbr: 733737  
File Nbr: CP 01919  
Well File Nbr: CP 01919 POD1

Oct. 04, 2022

ANDREW PARKER  
AMEREDEV OPERATING, LLC  
2901 VIA FORTUNA SUITE 600  
AUSTIN, TX 78746

Greetings:

The above numbered permit was issued in your name on 09/12/2022.

The Well Record was received in this office on 09/30/2022, stating that it had been completed on 09/20/2022, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 09/12/2023.

If you have any questions, please feel free to contact us.

Sincerely,

A handwritten signature in cursive script that appears to read "Vanessa Clements".

Vanessa Clements  
(575) 622-6521

drywell



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## APPENDIX B

### Lithologic Soil Sampling Logs

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 <b>ENSOLUM</b>							Sample Name: BH01	Date: 09/24/2025
							Site Name: Weinberger Fed Com	
							Incident Number: nAPP2504854029	
							Job Number: 03A2270074	
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>							Logged By: JM	Method: Hand Auger
Coordinates: 32.188887, -103.309227							Hole Diameter: 3"	Total Depth: 3.5'
Comments: Field screening conducted with HACH Chloride Test Strips and a PetroFLAG® Soil Analyzer System for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.								
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	246	31	N	0	0	0	CCHE	0 - 3.5' - Caliche - Light Brown with Large Gravel to Boulders, Non-plastic, Noncohesive
					0.5	1		
					1	2		
					2	3		
								Total Depth = 3.5 ft bgs



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## APPENDIX C

### Photographic Log



**Photographic Log**  
 Matador Production Company  
 Weinberger Federal Com 211H Well Pad  
 nAPP2504854029



Photograph 1  
 Description: Release Area  
 View: North

Date: 02/17/2025



Photograph 2  
 Description: Release Area  
 View: South

Date: 02/17/2025



Photograph 3  
 Description: Release Area  
 View: East

Date: 2/17/2025



Photograph 4  
 Description: Release Area  
 View: South

Date: 2/17/2025



**ENSOLUM**

### Photographic Log

Matador Production Company  
Weinberger Federal Com 211H Well Pad  
nAPP2504854029



Photograph 5  
Description: Delineation Soil Sampling Activities  
View: South



Photograph 6  
Description: Delineation Soil Sampling Activities  
View: West



Photograph 7  
Description: Delineation Soil Sampling Activities  
View: North



Photograph 8  
Description: Delineation Soil Sampling Activities  
View: East



**ENSOLUM**

**Photographic Log**

Matador Production Company  
Weinberger Federal Com 211H Well Pad  
nAPP2504854029



Photograph 9

Date: 09/17/2025

Description: Delineation Soil Sampling Activities

View: West



Photograph 10

Date: 09/17/2025

Description: Delineation Soil Sampling Activities

View: East



Photograph 11

Date: 09/17/2025

Description: Delineation Soil Sampling Activities

View: Northwest



Photograph 12

Date: 09/17/2025

Description: Delineation Soil Sampling Activities

View: North



### Photographic Log

Matador Production Company  
Weinberger Federal Com 211H Well Pad  
nAPP2504854029



Photograph 13

Date: 09/18/2025

Description: Delineation Soil Sampling Activities

View: Northwest

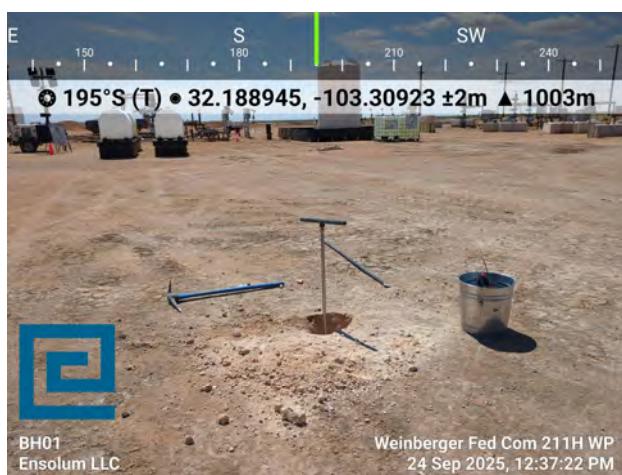


Photograph 14

Date: 09/18/2025

Description: Delineation Soil Sampling Activities

View: Southwest



Photograph 15

Date: 09/24/2025

Description: Delineation Soil Sampling Activities

View: South



Photograph 16

Date: 09/24/2025

Description: Delineation Soil Sampling Activities

View: Southeast



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## APPENDIX D

### Laboratory Analytical Reports & Chain-of-Custody Documentation

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Report to:

Ashley Giovengo



5796 U.S. Hwy 64  
Farmington, NM 87401

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



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Weinberger Fed Com 211H Well Pad

Work Order: E509183

Job Number: 23003-0002

Received: 9/18/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
9/24/25

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

Date Reported: 9/24/25



Ashley Giovengo  
5400 LBJ Freeway, Suite 1500  
Dallas, TX 75240

Project Name: Weinberger Fed Com 211H Well Pad  
Workorder: E509183  
Date Received: 9/18/2025 7:45:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/18/2025 7:45:00AM, under the Project Name: Weinberger Fed Com 211H Well Pad.

The analytical test results summarized in this report with the Project Name: Weinberger Fed Com 211H Well Pad 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 regarding 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**

**Lynn Jarboe**  
Laboratory Technical Representative  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljarboe@envirotech-inc.com](mailto:ljarboe@envirotech-inc.com)

**Michelle Gonzales**  
Client Representative  
Office: 505-421-LABS(5227)  
Cell: 505-947-8222  
[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Project Number: Project Manager:	Weinberger Fed Com 211H Well Pad 23003-0002 Ashley Giovengo	Reported: 09/24/25 09:19
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01-0'	E509183-01A	Soil	09/16/25	09/18/25	Glass Jar, 2 oz.
SS01-1'	E509183-02A	Soil	09/16/25	09/18/25	Glass Jar, 2 oz.

## Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Weinberger Fed Com 211H Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 9/24/2025 9:19:19AM
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**SS01-0'****E509183-01**

Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2538088
Benzene	ND	0.0250	1	09/18/25	09/19/25	
Ethylbenzene	ND	0.0250	1	09/18/25	09/19/25	
Toluene	ND	0.0250	1	09/18/25	09/19/25	
o-Xylene	ND	0.0250	1	09/18/25	09/19/25	
p,m-Xylene	ND	0.0500	1	09/18/25	09/19/25	
Total Xylenes	ND	0.0250	1	09/18/25	09/19/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.2 %	70-130		09/18/25	09/19/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2538088
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/18/25	09/19/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.6 %	70-130		09/18/25	09/19/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2538086
Diesel Range Organics (C10-C28)	31.9	25.0	1	09/18/25	09/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/18/25	09/19/25	
<i>Surrogate: n-Nonane</i>	94.5 %	61-141		09/18/25	09/19/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2538102
Chloride	415	20.0	1	09/18/25	09/19/25	

## Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Weinberger Fed Com 211H Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 9/24/2025 9:19:19AM
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SS01-1'

E509183-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2538088
Benzene	ND	0.0250	1	09/18/25	09/19/25	
Ethylbenzene	ND	0.0250	1	09/18/25	09/19/25	
Toluene	ND	0.0250	1	09/18/25	09/19/25	
o-Xylene	ND	0.0250	1	09/18/25	09/19/25	
p,m-Xylene	ND	0.0500	1	09/18/25	09/19/25	
Total Xylenes	ND	0.0250	1	09/18/25	09/19/25	
Surrogate: 4-Bromochlorobenzene-PID		93.1 %	70-130		09/18/25	09/19/25
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2538088
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/18/25	09/19/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.5 %	70-130		09/18/25	09/19/25
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2538086
Diesel Range Organics (C10-C28)	ND	25.0	1	09/18/25	09/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/18/25	09/19/25	
Surrogate: n-Nonane		97.1 %	61-141		09/18/25	09/19/25
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2538102
Chloride	<b>204</b>	20.0	1	09/18/25	09/19/25	

## QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Project Number: Project Manager:	Weinberger Fed Com 211H Well Pad 23003-0002 Ashley Giovengo	Reported: 9/24/2025 9:19:19AM
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## Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
		mg/kg	mg/kg	mg/kg	%	%	%	%	

## Blank (2538088-BLK1)

Prepared: 09/18/25 Analyzed: 09/19/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							

Surrogate: 4-Bromochlorobenzene-PID

7.41 8.00 92.7 70-130

## LCS (2538088-BS1)

Prepared: 09/18/25 Analyzed: 09/19/25

Benzene	4.52	0.0250	5.00	90.4	70-130				
Ethylbenzene	4.51	0.0250	5.00	90.1	70-130				
Toluene	4.55	0.0250	5.00	91.1	70-130				
o-Xylene	4.58	0.0250	5.00	91.6	70-130				
p,m-Xylene	9.11	0.0500	10.0	91.1	70-130				
Total Xylenes	13.7	0.0250	15.0	91.2	70-130				

Surrogate: 4-Bromochlorobenzene-PID

7.42 8.00 92.7 70-130

## Matrix Spike (2538088-MS1)

Source: E509179-01

Prepared: 09/18/25 Analyzed: 09/19/25

Benzene	3.88	0.0250	5.00	ND	77.6	70-130			
Ethylbenzene	3.85	0.0250	5.00	ND	77.0	70-130			
Toluene	3.90	0.0250	5.00	ND	77.9	70-130			
o-Xylene	3.96	0.0250	5.00	ND	79.2	70-130			
p,m-Xylene	7.82	0.0500	10.0	ND	78.2	70-130			
Total Xylenes	11.8	0.0250	15.0	ND	78.5	70-130			

Surrogate: 4-Bromochlorobenzene-PID

7.51 8.00 93.8 70-130

## Matrix Spike Dup (2538088-MSD1)

Source: E509179-01

Prepared: 09/18/25 Analyzed: 09/19/25

Benzene	4.24	0.0250	5.00	ND	84.8	70-130	8.86	27	
Ethylbenzene	4.21	0.0250	5.00	ND	84.3	70-130	9.06	26	
Toluene	4.27	0.0250	5.00	ND	85.3	70-130	9.08	20	
o-Xylene	4.32	0.0250	5.00	ND	86.3	70-130	8.63	25	
p,m-Xylene	8.53	0.0500	10.0	ND	85.3	70-130	8.76	23	
Total Xylenes	12.8	0.0250	15.0	ND	85.7	70-130	8.72	26	

Surrogate: 4-Bromochlorobenzene-PID

7.27 8.00 90.9 70-130

## QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Project Number: Project Manager:	Weinberger Fed Com 211H Well Pad 23003-0002 Ashley Giovengo	Reported: 9/24/2025 9:19:19AM
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## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit	Notes
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## Blank (2538088-BLK1)

Prepared: 09/18/25 Analyzed: 09/19/25

Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.28		8.00		90.9	70-130		

## LCS (2538088-BS2)

Prepared: 09/18/25 Analyzed: 09/19/25

Gasoline Range Organics (C6-C10)	51.0	20.0	50.0		102	70-130		
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.27		8.00		90.9	70-130		

## Matrix Spike (2538088-MS2)

Source: E509179-01

Prepared: 09/18/25 Analyzed: 09/19/25

Gasoline Range Organics (C6-C10)	49.2	20.0	50.0	ND	98.5	70-130		
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.05		8.00		88.2	70-130		

## Matrix Spike Dup (2538088-MSD2)

Source: E509179-01

Prepared: 09/18/25 Analyzed: 09/19/25

Gasoline Range Organics (C6-C10)	45.5	20.0	50.0	ND	90.9	70-130	7.98	20
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.59		8.00		94.9	70-130		

## QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Weinberger Fed Com 211H Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 9/24/2025 9:19:19AM
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## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2538086-BLK1)

Prepared: 09/18/25 Analyzed: 09/18/25

Diesel Range Organics (C10-C28)	ND	25.0						
Oil Range Organics (C28-C36)	ND	50.0						
Surrogate: n-Nonane	48.9		50.0		97.9	61-141		

## LCS (2538086-BS1)

Prepared: 09/18/25 Analyzed: 09/18/25

Diesel Range Organics (C10-C28)	255	25.0	250		102	66-144		
Surrogate: n-Nonane	48.6		50.0		97.1	61-141		

## Matrix Spike (2538086-MS1)

Source: E509163-03

Prepared: 09/18/25 Analyzed: 09/18/25

Diesel Range Organics (C10-C28)	278	25.0	250	35.5	96.8	56-156		
Surrogate: n-Nonane	49.6		50.0		99.2	61-141		

## Matrix Spike Dup (2538086-MSD1)

Source: E509163-03

Prepared: 09/18/25 Analyzed: 09/18/25

Diesel Range Organics (C10-C28)	272	25.0	250	35.5	94.7	56-156	1.93	20
Surrogate: n-Nonane	47.5		50.0		94.9	61-141		

## QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Weinberger Fed Com 211H Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 9/24/2025 9:19:19AM
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## Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2538102-BLK1)

Prepared: 09/18/25 Analyzed: 09/19/25

Chloride	ND	20.0
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## LCS (2538102-BS1)

Prepared: 09/18/25 Analyzed: 09/19/25

Chloride	251	20.0	250	100	90-110
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## Matrix Spike (2538102-MS1)

Source: E509184-04 Prepared: 09/18/25 Analyzed: 09/19/25

Chloride	6410	100	250	6090	129	80-120	M4
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## Matrix Spike Dup (2538102-MSD1)

Source: E509184-04 Prepared: 09/18/25 Analyzed: 09/19/25

Chloride	6330	100	250	6090	94.7	80-120	1.34	20
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## 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

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Weinberger Fed Com 211H Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 09/24/25 09:19
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M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

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

envirote  
Analytical Lab

## Analytical Lab

Analytical Lab				Client Information				Invoice Information			Lab Use Only			TAT			State						
Client: Matador Production Company				Project Name: Weinberger Fed Com 211H Well Pad				Company: Ensolum LLC			Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX	
Project Manager: Ashley Giovengo				Address: 3122 National Parks Hwy				Address: 3122 National Parks Hwy			E509183		23003-002					x	x				
Address: 3122 National Parks Hwy				City, State, Zip: Carlsbad NM, 88220				City, State, Zip: Carlsbad NM, 88220			Phone: 575-988-0055		Email: agiovengo@ensolum.com										
Phone: 575-988-0055				Miscellaneous:				Miscellaneous:															
Sample Information																Analysis and Method				EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	STEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 105 - TX	RCRA 8 Metals								
10:39	9/16/2025	Soil	1	SS01 - 0'				1								x		4.0					
10:47	9/16/2025	Soil	1	SS01 - 1'				2								x		4.2					
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com																Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.							
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																							
Sampled by: Israel Estrella																Lab Use Only							
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Received by: (Signature)																	
<i>Israel Estrella</i>	9/17/25	7:11	<i>Michelle Gonzales</i>	9-17-25	0711																		
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Received by: (Signature)																	
<i>Michelle Gonzales</i>	9-17-25	1545	<i>Marissa Gonzales</i>	9-17-25	1545																		
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Received by: (Signature)																	
<i>Marissa Gonzales</i>	9-17-25	1925	<i>Andrew Musso</i>	9-17-25	1925																		
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Received by: (Signature)																	
<i>Andrew Musso</i>	9-17-25	2345	<i>Curtis Marr</i>	9-18-25	245																		
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time																		
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other								Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA															
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																Y/N							

## Envirotech Analytical Laboratory

Printed: 9/18/2025 10:40:58AM

## 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: Matador Resources, LLC.  
 Phone: (972) 371-5200  
 Email: agiovengo@ensolum.com

Date Received: 09/18/25 07:45  
 Date Logged In: 09/18/25 09:12  
 Due Date: 09/24/25 17:00 (4 day TAT)

Work Order ID: E509183  
 Logged In By: Caitlin Mars

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes  
 8. If yes, was cooler received in good condition? Yes  
 9. Was the sample(s) received intact, i.e., not broken? Yes  
 10. Were custody/security seals present? No  
 11. If yes, were custody/security seals intact? NA  
 12. Was the sample received on ice? Yes  
 Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

Comments/ResolutionSample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:  
 Sample ID? Yes  
 Date/Time Collected? Yes  
 Collectors name? Yes

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:

Ashley Giovengo



5796 U.S. Hwy 64  
Farmington, NM 87401

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



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*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Weinberger Fed Com 211H Well Pad

Work Order: E509201

Job Number: 23003-0002

Received: 9/19/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
9/24/25

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

Date Reported: 9/24/25



Ashley Giovengo  
5400 LBJ Freeway, Suite 1500  
Dallas, TX 75240

Project Name: Weinberger Fed Com 211H Well Pad  
Workorder: E509201  
Date Received: 9/19/2025 7:45:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/19/2025 7:45:00AM, under the Project Name: Weinberger Fed Com 211H Well Pad.

The analytical test results summarized in this report with the Project Name: Weinberger Fed Com 211H Well Pad 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 regarding 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
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Client Representative  
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[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Project Number: Project Manager:	Weinberger Fed Com 211H Well Pad 23003-0002 Ashley Giovengo	Reported: 09/24/25 13:12
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS02-0'	E509201-01A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
SS02-1'	E509201-02A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
SS04-0'	E509201-03A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
SS04-1'	E509201-04A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.

## Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Weinberger Fed Com 211H Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 9/24/2025 1:12:02PM
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SS02-0'

E509201-01

Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY			Batch: 2538113
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
Surrogate: 4-Bromochlorobenzene-PID	97.6 %	70-130		09/19/25	09/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY			Batch: 2538113
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	104 %	70-130		09/19/25	09/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KH			Batch: 2538115
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
Surrogate: n-Nonane	97.3 %	61-141		09/19/25	09/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY			Batch: 2538132
Chloride	376	20.0	1	09/19/25	09/20/25	

## Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Weinberger Fed Com 211H Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 9/24/2025 1:12:02PM
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SS02-1'

E509201-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2538113
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
Surrogate: 4-Bromochlorobenzene-PID	97.8 %	70-130		09/19/25	09/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2538113
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	103 %	70-130		09/19/25	09/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2538115
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
Surrogate: n-Nonane	96.2 %	61-141		09/19/25	09/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2538132
Chloride	544	200	10	09/19/25	09/20/25	

## Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Weinberger Fed Com 211H Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 9/24/2025 1:12:02PM
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SS04-0'

E509201-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2538113
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
Surrogate: 4-Bromochlorobenzene-PID	96.8 %	70-130		09/19/25	09/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2538113
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	108 %	70-130		09/19/25	09/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2538115
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
Surrogate: n-Nonane	97.5 %	61-141		09/19/25	09/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2538132
Chloride	487	200	10	09/19/25	09/20/25	

## Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Weinberger Fed Com 211H Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 9/24/2025 1:12:02PM
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SS04-1'

E509201-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2538113
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
Surrogate: 4-Bromochlorobenzene-PID	99.0 %	70-130		09/19/25	09/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2538113
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	101 %	70-130		09/19/25	09/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2538115
Diesel Range Organics (C10-C28)	31.1	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
Surrogate: n-Nonane	97.2 %	61-141		09/19/25	09/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2538132
Chloride	453	20.0	1	09/19/25	09/20/25	

## QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Project Number: Project Manager:	Weinberger Fed Com 211H Well Pad 23003-0002 Ashley Giovengo	Reported: 9/24/2025 1:12:02PM
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## Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%		

## Blank (2538113-BLK1)

Prepared: 09/19/25 Analyzed: 09/19/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							

Surrogate: 4-Bromochlorobenzene-PID

7.67 8.00 95.9 70-130

## LCS (2538113-BS1)

Prepared: 09/19/25 Analyzed: 09/19/25

Benzene	4.20	0.0250	5.00	84.0	70-130				
Ethylbenzene	4.44	0.0250	5.00	88.8	70-130				
Toluene	4.39	0.0250	5.00	87.9	70-130				
o-Xylene	4.51	0.0250	5.00	90.3	70-130				
p,m-Xylene	9.04	0.0500	10.0	90.4	70-130				
Total Xylenes	13.6	0.0250	15.0	90.4	70-130				

Surrogate: 4-Bromochlorobenzene-PID

7.80 8.00 97.6 70-130

## Matrix Spike (2538113-MS1)

Source: E509198-04

Prepared: 09/19/25 Analyzed: 09/19/25

Benzene	4.68	0.0250	5.00	ND	93.7	70-130			
Ethylbenzene	4.94	0.0250	5.00	ND	98.7	70-130			
Toluene	4.89	0.0250	5.00	ND	97.7	70-130			
o-Xylene	4.97	0.0250	5.00	ND	99.4	70-130			
p,m-Xylene	10.0	0.0500	10.0	ND	100	70-130			
Total Xylenes	15.0	0.0250	15.0	ND	100	70-130			

Surrogate: 4-Bromochlorobenzene-PID

7.74 8.00 96.7 70-130

## Matrix Spike Dup (2538113-MSD1)

Source: E509198-04

Prepared: 09/19/25 Analyzed: 09/19/25

Benzene	4.83	0.0250	5.00	ND	96.6	70-130	3.09	27	
Ethylbenzene	5.09	0.0250	5.00	ND	102	70-130	3.17	26	
Toluene	5.04	0.0250	5.00	ND	101	70-130	3.13	20	
o-Xylene	5.13	0.0250	5.00	ND	103	70-130	3.16	25	
p,m-Xylene	10.3	0.0500	10.0	ND	103	70-130	3.15	23	
Total Xylenes	15.5	0.0250	15.0	ND	103	70-130	3.16	26	

Surrogate: 4-Bromochlorobenzene-PID

7.71 8.00 96.4 70-130

## QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Project Number: Project Manager:	Weinberger Fed Com 211H Well Pad 23003-0002 Ashley Giovengo	Reported: 9/24/2025 1:12:02PM
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## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit	Notes
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## Blank (2538113-BLK1)

Prepared: 09/19/25 Analyzed: 09/19/25

Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.43		8.00		105	70-130		

## LCS (2538113-BS2)

Prepared: 09/19/25 Analyzed: 09/19/25

Gasoline Range Organics (C6-C10)	50.8	20.0	50.0		102	70-130		
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.54		8.00		107	70-130		

## Matrix Spike (2538113-MS2)

Source: E509198-04

Prepared: 09/19/25 Analyzed: 09/20/25

Gasoline Range Organics (C6-C10)	46.9	20.0	50.0	ND	93.8	70-130		
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.38		8.00		105	70-130		

## Matrix Spike Dup (2538113-MSD2)

Source: E509198-04

Prepared: 09/19/25 Analyzed: 09/20/25

Gasoline Range Organics (C6-C10)	56.8	20.0	50.0	ND	114	70-130	19.0	20
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.42		8.00		105	70-130		

## QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Weinberger Fed Com 211H Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 9/24/2025 1:12:02PM
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## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit	Notes
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## Blank (2538115-BLK1)

Prepared: 09/19/25 Analyzed: 09/19/25

Diesel Range Organics (C10-C28)	ND	25.0						
Oil Range Organics (C28-C36)	ND	50.0						
Surrogate: n-Nonane	47.4		50.0		94.8	61-141		

## LCS (2538115-BS1)

Prepared: 09/19/25 Analyzed: 09/19/25

Diesel Range Organics (C10-C28)	247	25.0	250		98.7	66-144		
Surrogate: n-Nonane	46.6		50.0		93.3	61-141		

## Matrix Spike (2538115-MS1)

Source: E509199-06 Prepared: 09/19/25 Analyzed: 09/19/25

Diesel Range Organics (C10-C28)	260	25.0	250	ND	104	56-156		
Surrogate: n-Nonane	49.7		50.0		99.3	61-141		

## Matrix Spike Dup (2538115-MSD1)

Source: E509199-06 Prepared: 09/19/25 Analyzed: 09/19/25

Diesel Range Organics (C10-C28)	255	25.0	250	ND	102	56-156	1.99	20
Surrogate: n-Nonane	48.4		50.0		96.9	61-141		

## QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Weinberger Fed Com 211H Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 9/24/2025 1:12:02PM
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## Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2538132-BLK1)

Prepared: 09/19/25 Analyzed: 09/20/25

Chloride	ND	20.0
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## LCS (2538132-BS1)

Prepared: 09/19/25 Analyzed: 09/20/25

Chloride	252	20.0	250	101	90-110
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## Matrix Spike (2538132-MS1)

Source: E509199-06 Prepared: 09/19/25 Analyzed: 09/20/25

Chloride	262	20.0	250	ND	105	80-120
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## Matrix Spike Dup (2538132-MSD1)

Source: E509199-06 Prepared: 09/19/25 Analyzed: 09/20/25

Chloride	264	20.0	250	ND	106	80-120	0.718	20
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## 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

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Weinberger Fed Com 211H Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 09/24/25 13:12
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ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

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

**Additional Instructions:** Please CC: cburton@ensolum.com, agiovengo@ensolum.com, chamilton@ensolum.com, iestrella@ensoulm.com, bsimmons@ensolum.com, igonzalez@ensolum.com, bmoir@ensolum.com, oaderinto@ensolum.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Aboubakar Kone

Relinquished by: (Signature) <i>Michelle Gonzales</i>	Date 9/18/25	Time 7:11	Received by: (Signature) <i>Michelle Gonzales</i>	Date 9-18-25	Time 0711		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days
Relinquished by: (Signature) <i>Marissa Gonzales</i>	Date 9-18-25	Time 1500	Received by: (Signature) <i>Marissa Gonzales</i>	Date 9-18-25	Time 1500		Lab Use Only
Relinquished by: (Signature) <i>Marissa Gonzales</i>	Date 9-18-25	Time 1905	Received by: (Signature) <i>Andrew Musso</i>	Date 9-18-25	Time 1905		Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N
Relinquished by: (Signature) <i>Andrew Musso</i>	Date 9-18-25	Time 2400	Received by: (Signature) <i>Caitlin Flanigan</i>	Date 9-19-25	Time 2445		T1 _____ T2 _____ T3 _____
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____				Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA _____			

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.



**envirotech**

## Envirotech Analytical Laboratory

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:	Matador Resources, LLC.	Date Received:	09/19/25 07:45	Work Order ID:	E509201
Phone:	(972) 371-5200	Date Logged In:	09/18/25 16:26	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	09/25/25 17:00 (4 day TAT)		

**Chain of Custody (COC)**

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

**Sample Turn Around Time (TAT)**

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

**Sample Cooler**

7. Was a sample cooler received? Yes  
 8. If yes, was cooler received in good condition? Yes  
 9. Was the sample(s) received intact, i.e., not broken? Yes  
 10. Were custody/security seals present? No  
 11. If yes, were custody/security seals intact? NA  
 12. Was the sample received on ice? Yes  
 Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

**Comments/Resolution****Sample Container**

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

**Field Label**

20. Were field sample labels filled out with the minimum information:  
 Sample ID? Yes  
 Date/Time Collected? Yes  
 Collectors name? Yes

**Sample Preservation**

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

**Multiphase Sample Matrix**

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

**Subcontract Laboratory**

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

**Client Instruction**

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

Date



envirotech Inc.

Report to:

Ashley Giovengo



5796 U.S. Hwy 64  
Farmington, NM 87401

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



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Weinberger Fed Com 211H Well Pad

Work Order: E509221

Job Number: 23003-0002

Received: 9/22/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
9/25/25

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

Date Reported: 9/25/25



Ashley Giovengo  
5400 LBJ Freeway, Suite 1500  
Dallas, TX 75240

Project Name: Weinberger Fed Com 211H Well Pad  
Workorder: E509221  
Date Received: 9/22/2025 6:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/22/2025 6:00:00AM, under the Project Name: Weinberger Fed Com 211H Well Pad.

The analytical test results summarized in this report with the Project Name: Weinberger Fed Com 211H Well Pad 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 regarding 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](mailto:whinchman@envirotech-inc.com)

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Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Project Number: Project Manager:	Weinberger Fed Com 211H Well Pad 23003-0002 Ashley Giovengo	Reported: 09/25/25 17:22
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS03 - 0'	E509221-01A	Soil	09/18/25	09/22/25	Glass Jar, 2 oz.
SS03 - 1'	E509221-02A	Soil	09/18/25	09/22/25	Glass Jar, 2 oz.
SS05 - 0'	E509221-03A	Soil	09/18/25	09/22/25	Glass Jar, 2 oz.
SS05 - 1'	E509221-04A	Soil	09/18/25	09/22/25	Glass Jar, 2 oz.

## Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Weinberger Fed Com 211H Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 9/25/2025 5:22:58PM
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SS03 - 0'

E509221-01

Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA			Batch: 2539010
Benzene	ND	0.0250	1	09/22/25	09/24/25	
Ethylbenzene	ND	0.0250	1	09/22/25	09/24/25	
Toluene	ND	0.0250	1	09/22/25	09/24/25	
o-Xylene	ND	0.0250	1	09/22/25	09/24/25	
p,m-Xylene	ND	0.0500	1	09/22/25	09/24/25	
Total Xylenes	ND	0.0250	1	09/22/25	09/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	118 %	70-130		09/22/25	09/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA			Batch: 2539010
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/22/25	09/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	118 %	70-130		09/22/25	09/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KH			Batch: 2539024
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/25	09/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/25	09/23/25	
<i>Surrogate: n-Nonane</i>	98.0 %	61-141		09/22/25	09/23/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: TP			Batch: 2539068
Chloride	23.0	20.0	1	09/23/25	09/23/25	

## Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Weinberger Fed Com 211H Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 9/25/2025 5:22:58PM
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SS03 - 1'

E509221-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2539010
Benzene	ND	0.0250	1	09/22/25	09/24/25	
Ethylbenzene	ND	0.0250	1	09/22/25	09/24/25	
Toluene	ND	0.0250	1	09/22/25	09/24/25	
o-Xylene	ND	0.0250	1	09/22/25	09/24/25	
p,m-Xylene	ND	0.0500	1	09/22/25	09/24/25	
Total Xylenes	ND	0.0250	1	09/22/25	09/24/25	
Surrogate: 4-Bromochlorobenzene-PID		119 %	70-130		09/22/25	09/24/25
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2539010
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/22/25	09/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		119 %	70-130		09/22/25	09/24/25
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2539024
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/25	09/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/25	09/23/25	
Surrogate: n-Nonane		98.1 %	61-141		09/22/25	09/23/25
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2539068
Chloride	33.4	20.0	1		09/23/25	09/23/25

## Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Weinberger Fed Com 211H Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 9/25/2025 5:22:58PM
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SS05 - 0'

E509221-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2539010
Benzene	ND	0.0250	1	09/22/25	09/24/25	
Ethylbenzene	ND	0.0250	1	09/22/25	09/24/25	
Toluene	ND	0.0250	1	09/22/25	09/24/25	
o-Xylene	ND	0.0250	1	09/22/25	09/24/25	
p,m-Xylene	ND	0.0500	1	09/22/25	09/24/25	
Total Xylenes	ND	0.0250	1	09/22/25	09/24/25	
Surrogate: 4-Bromochlorobenzene-PID		121 %	70-130		09/22/25	09/24/25
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2539010
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/22/25	09/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		119 %	70-130		09/22/25	09/24/25
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2539024
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/25	09/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/25	09/23/25	
Surrogate: n-Nonane		94.9 %	61-141		09/22/25	09/23/25
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2539068
Chloride	<b>64.5</b>	20.0	1		09/23/25	09/23/25

## Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Weinberger Fed Com 211H Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 9/25/2025 5:22:58PM
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SS05 - 1'

E509221-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2539010
Benzene	ND	0.0250	1	09/22/25	09/24/25	
Ethylbenzene	ND	0.0250	1	09/22/25	09/24/25	
Toluene	ND	0.0250	1	09/22/25	09/24/25	
o-Xylene	ND	0.0250	1	09/22/25	09/24/25	
p,m-Xylene	ND	0.0500	1	09/22/25	09/24/25	
Total Xylenes	ND	0.0250	1	09/22/25	09/24/25	
Surrogate: 4-Bromochlorobenzene-PID		123 %	70-130		09/22/25	09/24/25
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2539010
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/22/25	09/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		121 %	70-130		09/22/25	09/24/25
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2539024
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/25	09/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/25	09/23/25	
Surrogate: n-Nonane		95.1 %	61-141		09/22/25	09/23/25
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2539068
Chloride	136	20.0	1	09/23/25	09/23/25	

## QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Project Number: Project Manager:	Weinberger Fed Com 211H Well Pad 23003-0002 Ashley Giovengo	Reported: 9/25/2025 5:22:58PM
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## Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

## Blank (2539010-BLK1)

Prepared: 09/22/25 Analyzed: 09/24/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							

Surrogate: 4-Bromochlorobenzene-PID

8.97 8.00 112 70-130

## LCS (2539010-BS1)

Prepared: 09/22/25 Analyzed: 09/24/25

Benzene	3.78	0.0250	5.00	75.7	70-130				
Ethylbenzene	3.90	0.0250	5.00	77.9	70-130				
Toluene	3.88	0.0250	5.00	77.6	70-130				
o-Xylene	3.94	0.0250	5.00	78.8	70-130				
p,m-Xylene	7.94	0.0500	10.0	79.4	70-130				
Total Xylenes	11.9	0.0250	15.0	79.2	70-130				

Surrogate: 4-Bromochlorobenzene-PID

9.22 8.00 115 70-130

## Matrix Spike (2539010-MS1)

Source: E509209-65

Prepared: 09/22/25 Analyzed: 09/24/25

Benzene	3.93	0.0250	5.00	ND	78.7	70-130			
Ethylbenzene	4.05	0.0250	5.00	ND	80.9	70-130			
Toluene	4.03	0.0250	5.00	ND	80.6	70-130			
o-Xylene	4.07	0.0250	5.00	ND	81.4	70-130			
p,m-Xylene	8.23	0.0500	10.0	ND	82.3	70-130			
Total Xylenes	12.3	0.0250	15.0	ND	82.0	70-130			

Surrogate: 4-Bromochlorobenzene-PID

9.38 8.00 117 70-130

## Matrix Spike Dup (2539010-MSD1)

Source: E509209-65

Prepared: 09/22/25 Analyzed: 09/24/25

Benzene	3.94	0.0250	5.00	ND	78.8	70-130	0.154	27	
Ethylbenzene	4.06	0.0250	5.00	ND	81.1	70-130	0.273	26	
Toluene	4.04	0.0250	5.00	ND	80.9	70-130	0.355	20	
o-Xylene	4.10	0.0250	5.00	ND	82.1	70-130	0.815	25	
p,m-Xylene	8.26	0.0500	10.0	ND	82.6	70-130	0.359	23	
Total Xylenes	12.4	0.0250	15.0	ND	82.4	70-130	0.510	26	

Surrogate: 4-Bromochlorobenzene-PID

9.37 8.00 117 70-130

## QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Weinberger Fed Com 211H Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 9/25/2025 5:22:58PM
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## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2539010-BLK1)

Prepared: 09/22/25 Analyzed: 09/24/25

Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.15		8.00		114	70-130		

## LCS (2539010-BS2)

Prepared: 09/22/25 Analyzed: 09/24/25

Gasoline Range Organics (C6-C10)	46.4	20.0	50.0	92.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.37		8.00	117	70-130			

## Matrix Spike (2539010-MS2)

Source: E509209-65

Prepared: 09/22/25 Analyzed: 09/24/25

Gasoline Range Organics (C6-C10)	43.5	20.0	50.0	ND	87.0	70-130		
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.25		8.00	116	70-130			

## Matrix Spike Dup (2539010-MSD2)

Source: E509209-65

Prepared: 09/22/25 Analyzed: 09/24/25

Gasoline Range Organics (C6-C10)	46.3	20.0	50.0	ND	92.5	70-130	6.19	20
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.41		8.00	118	70-130			

## QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Project Number: Project Manager:	Weinberger Fed Com 211H Well Pad 23003-0002 Ashley Giovengo	Reported: 9/25/2025 5:22:58PM
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## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit	Notes
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## Blank (2539024-BLK1)

Prepared: 09/22/25 Analyzed: 09/22/25

Diesel Range Organics (C10-C28)	ND	25.0						
Oil Range Organics (C28-C36)	ND	50.0						
Surrogate: n-Nonane	46.7		50.0		93.3	61-141		

## LCS (2539024-BS1)

Prepared: 09/22/25 Analyzed: 09/22/25

Diesel Range Organics (C10-C28)	237	25.0	250		94.9	66-144		
Surrogate: n-Nonane	45.8		50.0		91.7	61-141		

## Matrix Spike (2539024-MS1)

Source: E509197-03

Prepared: 09/22/25 Analyzed: 09/22/25

Diesel Range Organics (C10-C28)	246	25.0	250	ND	98.4	56-156		
Surrogate: n-Nonane	47.0		50.0		94.0	61-141		

## Matrix Spike Dup (2539024-MSD1)

Source: E509197-03

Prepared: 09/22/25 Analyzed: 09/22/25

Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	56-156	4.54	20
Surrogate: n-Nonane	49.0		50.0		98.0	61-141		

## QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Weinberger Fed Com 211H Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 9/25/2025 5:22:58PM
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## Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2539068-BLK1)

Prepared: 09/23/25 Analyzed: 09/23/25

Chloride	ND	20.0
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## LCS (2539068-BS1)

Prepared: 09/23/25 Analyzed: 09/23/25

Chloride	255	20.0	250	102	90-110
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## Matrix Spike (2539068-MS1)

Source: E509209-69 Prepared: 09/23/25 Analyzed: 09/23/25

Chloride	260	20.0	250	ND	104	80-120
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## Matrix Spike Dup (2539068-MSD1)

Source: E509209-69 Prepared: 09/23/25 Analyzed: 09/23/25

Chloride	260	20.0	250	ND	104	80-120	0.0627	20
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## 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

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Weinberger Fed Com 211H Well Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 09/25/25 17:22
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ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

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



Client Information				Invoice Information				Lab Use Only		TAT				State				
Client: Matador Production Company Project Name: Weinberger Federal Com 211H Well Pad Project Manager: Ashley Giovengo Address: 3122 National Parks Hwy City, State, Zip: Carlsbad NM, 88220 Phone: 575-988-0055 Email: agiovengo@ensolum.com				Company: Ensolum LLC Address: 3122 National Parks Hwy City, State, Zip: Carlsbad NM, 88220 Phone: 575-988-0055 Email: agiovengo@ensolum.com Miscellaneous:				Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX	
								E509221	23003-0002				x					
Analysis and Method												EPA Program						
													SDWA	CWA	RCRA			
													Compliance	Y	or	N		
													PWSID #					
													Sample	Temp	Remarks			
													BGOC-NM	BGOC-TX				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID				Lab Number	Field	DR/DO/DR/DO by 815	GRO/DO/DO by 815	BT/EX by 8021	VOC by 8260	Chloride 3000	TCCA 105 - X	RCRA 8 Metals		
1326	9/18/25	S	1	SS03-0'				1							x		3.9	
1350		↓	↓	SS03-1'				2							↓		4.3	
1513				SS05-0'				3							↓		4.0	
1522		↓	↓	SS05-1'				4							↓		4.3	
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, usantillana@ensolum.com, akone@ensolum.com																		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																		
Sampled by: Uriel Santillana, Aboubakar Kone																		
Relinquished by: (Signature)		Date	9/18/25	Time	7:11	Received by: (Signature)	Michelle Gonzales	Date	9-19-25	Time	0711	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.						
Relinquished by: (Signature)		Date	9-19-25	Time	1500	Received by: (Signature)	Marissa Gonzales	Date	9-19-25	Time	1500							
Relinquished by: (Signature)		Date	9-19-25	Time	1900	Received by: (Signature)	Andrew Musso	Date	9-19-25	Time	1900							
Relinquished by: (Signature)		Date	9-19-25	Time	2345	Received by: (Signature)	Noe Soto	Date	9-20-25	Time	0600							
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only Received on ice: <input checked="" type="checkbox"/> N						
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																		
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																		
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																		

## 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: Matador Resources, LLC.  
 Phone: (972) 371-5200  
 Email: agiovengo@ensolum.com

Date Received: 09/22/25 06:00  
 Date Logged In: 09/19/25 16:15  
 Due Date: 09/26/25 17:00 (4 day TAT)

Work Order ID: E509221  
 Logged In By: Noe Soto

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes  
 8. If yes, was cooler received in good condition? Yes  
 9. Was the sample(s) received intact, i.e., not broken? Yes  
 10. Were custody/security seals present? No  
 11. If yes, were custody/security seals intact? NA  
 12. Was the sample received on ice? Yes  
 Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:  
 Sample ID? Yes  
 Date/Time Collected? Yes  
 Collectors name? Yes

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client InstructionComments/Resolution

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

Date



envirotech Inc.

Report to:

Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Matador Resources, LLC.

Project Name: Weinberger Fed Com 211H WP

Work Order: E509293

Job Number: 23003-0002

Received: 9/26/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
10/2/25

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



Date Reported: 10/2/25



Ashley Giovengo  
5400 LBJ Freeway, Suite 1500  
Dallas, TX 75240

Project Name: Weinberger Fed Com 211H WP  
Workorder: E509293  
Date Received: 9/26/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/26/2025 7:00:00AM, under the Project Name: Weinberger Fed Com 211H WP.

The analytical test results summarized in this report with the Project Name: Weinberger Fed Com 211H WP 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 regarding 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
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Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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BH01-0'	5
BH01-0.5'	6
BH01-1'	7
BH01-2'	8
SS07-0'	9
SS07-1'	10
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## Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Project Number: Project Manager:	Weinberger Fed Com 211H WP 23003-0002 Ashley Giovengo	Reported: 10/02/25 09:17
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01-0'	E509293-01A	Soil	09/24/25	09/26/25	Glass Jar, 2 oz.
BH01-0.5'	E509293-02A	Soil	09/24/25	09/26/25	Glass Jar, 2 oz.
BH01-1'	E509293-03A	Soil	09/24/25	09/26/25	Glass Jar, 2 oz.
BH01-2'	E509293-04A	Soil	09/24/25	09/26/25	Glass Jar, 2 oz.
BH01-3'	E509293-05A	Soil	09/24/25	09/26/25	Glass Jar, 2 oz.
SS07-0'	E509293-06A	Soil	09/24/25	09/26/25	Glass Jar, 2 oz.
SS07-1'	E509293-07A	Soil	09/24/25	09/26/25	Glass Jar, 2 oz.

## Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Weinberger Fed Com 211H WP Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 10/2/2025 9:17:34AM
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**BH01-0'****E509293-01**

Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2539155
Benzene	ND	0.0250	1	09/26/25	09/29/25	
Ethylbenzene	ND	0.0250	1	09/26/25	09/29/25	
Toluene	ND	0.0250	1	09/26/25	09/29/25	
o-Xylene	ND	0.0250	1	09/26/25	09/29/25	
p,m-Xylene	ND	0.0500	1	09/26/25	09/29/25	
Total Xylenes	ND	0.0250	1	09/26/25	09/29/25	
Surrogate: 4-Bromochlorobenzene-PID	97.0 %	70-130		09/26/25	09/29/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2539155
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/25	09/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	88.4 %	70-130		09/26/25	09/29/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2540003
Diesel Range Organics (C10-C28)	41.7	25.0	1	09/29/25	09/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/25	09/30/25	
Surrogate: n-Nonane	106 %	61-141		09/29/25	09/30/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2540013
Chloride	784	20.0	1	09/29/25	09/29/25	

## Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Weinberger Fed Com 211H WP Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 10/2/2025 9:17:34AM
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BH01-0.5'

E509293-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2539155
Benzene	ND	0.0250	1	09/26/25	09/29/25	
Ethylbenzene	ND	0.0250	1	09/26/25	09/29/25	
Toluene	ND	0.0250	1	09/26/25	09/29/25	
o-Xylene	ND	0.0250	1	09/26/25	09/29/25	
p,m-Xylene	ND	0.0500	1	09/26/25	09/29/25	
Total Xylenes	ND	0.0250	1	09/26/25	09/29/25	
Surrogate: 4-Bromochlorobenzene-PID	96.2 %	70-130		09/26/25	09/29/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2539155
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/25	09/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	87.0 %	70-130		09/26/25	09/29/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2540003
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/25	09/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/25	09/30/25	
Surrogate: n-Nonane	100 %	61-141		09/29/25	09/30/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2540013
Chloride	498	20.0	1	09/29/25	09/29/25	

## Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Weinberger Fed Com 211H WP Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 10/2/2025 9:17:34AM
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**BH01-1'****E509293-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2539155
Benzene	ND	0.0250	1	09/26/25	09/29/25	
Ethylbenzene	ND	0.0250	1	09/26/25	09/29/25	
Toluene	ND	0.0250	1	09/26/25	09/29/25	
o-Xylene	ND	0.0250	1	09/26/25	09/29/25	
p,m-Xylene	ND	0.0500	1	09/26/25	09/29/25	
Total Xylenes	ND	0.0250	1	09/26/25	09/29/25	
Surrogate: 4-Bromochlorobenzene-PID	96.9 %	70-130		09/26/25	09/29/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2539155
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/25	09/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	87.8 %	70-130		09/26/25	09/29/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2540003
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/25	09/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/25	09/30/25	
Surrogate: n-Nonane	102 %	61-141		09/29/25	09/30/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2540013
Chloride	<b>1290</b>	20.0	1	09/29/25	09/29/25	

## Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Weinberger Fed Com 211H WP Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 10/2/2025 9:17:34AM
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**BH01-2'****E509293-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2539155
Benzene	ND	0.0250	1	09/26/25	09/29/25	
Ethylbenzene	ND	0.0250	1	09/26/25	09/29/25	
Toluene	ND	0.0250	1	09/26/25	09/29/25	
o-Xylene	ND	0.0250	1	09/26/25	09/29/25	
p,m-Xylene	ND	0.0500	1	09/26/25	09/29/25	
Total Xylenes	ND	0.0250	1	09/26/25	09/29/25	
Surrogate: 4-Bromochlorobenzene-PID		96.2 %	70-130	09/26/25	09/29/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2539155
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/25	09/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.2 %	70-130	09/26/25	09/29/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2540003
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/25	09/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/25	09/30/25	
Surrogate: n-Nonane		100 %	61-141	09/29/25	09/30/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2540013
Chloride	233	20.0	1	09/29/25	09/29/25	

## Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Weinberger Fed Com 211H WP Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 10/2/2025 9:17:34AM
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SS07-0'

E509293-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2539155
Benzene	ND	0.0250	1	09/26/25	09/29/25	
Ethylbenzene	ND	0.0250	1	09/26/25	09/29/25	
Toluene	ND	0.0250	1	09/26/25	09/29/25	
o-Xylene	ND	0.0250	1	09/26/25	09/29/25	
p,m-Xylene	ND	0.0500	1	09/26/25	09/29/25	
Total Xylenes	ND	0.0250	1	09/26/25	09/29/25	
Surrogate: 4-Bromochlorobenzene-PID	97.3 %	70-130		09/26/25	09/29/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2539155
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/25	09/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	88.5 %	70-130		09/26/25	09/29/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2540003
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/25	09/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/25	09/30/25	
Surrogate: n-Nonane	104 %	61-141		09/29/25	09/30/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2540013
Chloride	524	20.0	1	09/29/25	09/30/25	

## Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Weinberger Fed Com 211H WP Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 10/2/2025 9:17:34AM
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SS07-1'

E509293-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2539155
Benzene	ND	0.0250	1	09/26/25	09/29/25	
Ethylbenzene	ND	0.0250	1	09/26/25	09/29/25	
Toluene	ND	0.0250	1	09/26/25	09/29/25	
o-Xylene	ND	0.0250	1	09/26/25	09/29/25	
p,m-Xylene	ND	0.0500	1	09/26/25	09/29/25	
Total Xylenes	ND	0.0250	1	09/26/25	09/29/25	
Surrogate: 4-Bromochlorobenzene-PID	97.8 %	70-130		09/26/25	09/29/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2539155
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/25	09/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	88.1 %	70-130		09/26/25	09/29/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2540003
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/25	09/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/25	09/30/25	
Surrogate: n-Nonane	106 %	61-141		09/29/25	09/30/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2540013
Chloride	537	20.0	1	09/29/25	09/30/25	

## QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Weinberger Fed Com 211H WP Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 10/2/2025 9:17:34AM
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## Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

## Blank (2539155-BLK1)

Prepared: 09/26/25 Analyzed: 09/29/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							

Surrogate: 4-Bromochlorobenzene-PID

7.57 8.00 94.6 70-130

## LCS (2539155-BS1)

Prepared: 09/26/25 Analyzed: 09/29/25

Benzene	4.76	0.0250	5.00	95.2	70-130				
Ethylbenzene	4.76	0.0250	5.00	95.2	70-130				
Toluene	4.77	0.0250	5.00	95.3	70-130				
o-Xylene	4.81	0.0250	5.00	96.2	70-130				
p,m-Xylene	9.68	0.0500	10.0	96.8	70-130				
Total Xylenes	14.5	0.0250	15.0	96.6	70-130				

Surrogate: 4-Bromochlorobenzene-PID

7.74 8.00 96.8 70-130

## Matrix Spike (2539155-MS1)

Source: E509294-02

Prepared: 09/26/25 Analyzed: 09/29/25

Benzene	4.93	0.0250	5.00	ND	98.7	70-130			
Ethylbenzene	4.98	0.0250	5.00	ND	99.7	70-130			
Toluene	4.96	0.0250	5.00	ND	99.2	70-130			
o-Xylene	4.98	0.0250	5.00	ND	99.6	70-130			
p,m-Xylene	10.1	0.0500	10.0	ND	101	70-130			
Total Xylenes	15.1	0.0250	15.0	ND	100	70-130			

Surrogate: 4-Bromochlorobenzene-PID

7.65 8.00 95.6 70-130

## Matrix Spike Dup (2539155-MSD1)

Source: E509294-02

Prepared: 09/26/25 Analyzed: 09/29/25

Benzene	4.70	0.0250	5.00	ND	94.1	70-130	4.76	27	
Ethylbenzene	4.71	0.0250	5.00	ND	94.2	70-130	5.70	26	
Toluene	4.70	0.0250	5.00	ND	94.1	70-130	5.29	20	
o-Xylene	4.74	0.0250	5.00	ND	94.7	70-130	5.02	25	
p,m-Xylene	9.54	0.0500	10.0	ND	95.4	70-130	5.48	23	
Total Xylenes	14.3	0.0250	15.0	ND	95.2	70-130	5.33	26	

Surrogate: 4-Bromochlorobenzene-PID

7.63 8.00 95.4 70-130

## QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Weinberger Fed Com 211H WP Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 10/2/2025 9:17:34AM
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## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit	Notes
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## Blank (2539155-BLK1)

Prepared: 09/26/25 Analyzed: 09/29/25

Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.03		8.00		87.9	70-130		

## LCS (2539155-BS2)

Prepared: 09/26/25 Analyzed: 09/29/25

Gasoline Range Organics (C6-C10)	47.9	20.0	50.0	95.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.18		8.00	89.8	70-130			

## Matrix Spike (2539155-MS2)

Source: E509294-02

Prepared: 09/26/25 Analyzed: 09/29/25

Gasoline Range Organics (C6-C10)	47.2	20.0	50.0	ND	94.5	70-130		
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.04		8.00		88.0	70-130		

## Matrix Spike Dup (2539155-MSD2)

Source: E509294-02

Prepared: 09/26/25 Analyzed: 09/29/25

Gasoline Range Organics (C6-C10)	46.2	20.0	50.0	ND	92.3	70-130	2.28	20
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.16		8.00		89.5	70-130		

## QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Weinberger Fed Com 211H WP Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 10/2/2025 9:17:34AM
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## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit	Notes
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## Blank (2540003-BLK1)

Prepared: 09/29/25 Analyzed: 09/29/25

Diesel Range Organics (C10-C28)	ND	25.0						
Oil Range Organics (C28-C36)	ND	50.0						
Surrogate: n-Nonane	47.8		50.0		95.6	61-141		

## LCS (2540003-BS1)

Prepared: 09/29/25 Analyzed: 09/29/25

Diesel Range Organics (C10-C28)	256	25.0	250		102	66-144		
Surrogate: n-Nonane	49.3		50.0		98.6	61-141		

## Matrix Spike (2540003-MS1)

Source: E509292-02 Prepared: 09/29/25 Analyzed: 09/29/25

Diesel Range Organics (C10-C28)	283	25.0	250	ND	113	56-156		
Surrogate: n-Nonane	52.9		50.0		106	61-141		

## Matrix Spike Dup (2540003-MSD1)

Source: E509292-02 Prepared: 09/29/25 Analyzed: 09/29/25

Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	56-156	1.93	20
Surrogate: n-Nonane	52.0		50.0		104	61-141		

## QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Weinberger Fed Com 211H WP Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 10/2/2025 9:17:34AM
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## Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2540013-BLK1)

Prepared: 09/29/25 Analyzed: 09/29/25

Chloride ND 20.0

## LCS (2540013-BS1)

Prepared: 09/29/25 Analyzed: 09/29/25

Chloride 254 20.0 250 101 90-110

## Matrix Spike (2540013-MS1)

Source: E509292-03 Prepared: 09/29/25 Analyzed: 09/29/25

Chloride 254 20.0 250 ND 102 80-120

## Matrix Spike Dup (2540013-MSD1)

Source: E509292-03 Prepared: 09/29/25 Analyzed: 09/29/25

Chloride 254 20.0 250 ND 102 80-120 0.0606 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

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Weinberger Fed Com 211H WP Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 10/02/25 09:17
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ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

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



Client Information				Invoice Information				Lab Use Only		TAT		State					
Client: Matador Production Company Project Name: Weinberger Fed Com 211H WP Project Manager: Ashley Giovengo Address: 3122 National Parks Hwy City, State, Zip: Carlsbad NM, 88220 Phone: 575-988-0055 Email: agiovengo@ensolum.com Phone: 575-988-0055 Email: agiovengo@ensolum.com				Company: Ensolum LLC Address: 3122 National Parks Hwy City, State, Zip: Carlsbad NM, 88220 Phone: 575-988-0055 Email: agiovengo@ensolum.com Miscellaneous:				Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX
								E509293	2303-0002				X	X			
Analysis and Method												EPA Program					
DEQ/DO/RR by 8015	DO/DO/RR by 8015	DO/DO/RR by 8015	DO/DO/RR by 8015	DO/DO/RR by 8015	DO/DO/RR by 8015	DO/DO/RR by 8015	DO/DO/RR by 8015	DO/DO/RR by 8015	DO/DO/RR by 8015	DO/DO/RR by 8015	DO/DO/RR by 8015	SDWA	CWA	RCRA			
												Compliance	Y	or	N		
												PWSID #					
												Sample	Temp				
												BBGDC - NM	BBGDC - TX				
Sample Information												Remarks					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID				Lab Number	Field								
1133	9/24/2025	S	1	BH01 - 0'				1					X	3.0			
1137	9/24/2025	S	1	BH01 - 0.5'				2					X	3.5			
1142	9/24/2025	S	1	BH01 - 1'				3					X	5.4			
1149	9/24/2025	S	1	BH01 - 2'				4					X	4.7			
1215	9/24/2025	S	1	BH01 - 3'				5					X	4.9	Revised by: J. Hinkle 15360061 on 9/26/2025		
1308	9/24/2025	S	1	SS07 - 0'				6					X	5.3			
1324	9/24/2025	S	1	SS07 - 1'				7					X	5.2			
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jmccauley@ensolum.com, akone@ensolum.com, jgonzalezz@ensolum.com, jhinkle@ensolum.com, eplugge@ensolum.com I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: <u>Jarad McCauley</u>																	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)				Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.						
<u>Michelle Gonzales</u>	9-25-25	1330	<u>Michelle Gonzales</u>				9-25-25		0900		Lab Use Only						
<u>Michelle Gonzales</u>	9-25-25	1330	<u>Matthew Gonzales</u>				9-25-25		1330								
<u>Matthew Gonzales</u>	9-25-25	1810	<u>Andrew Musso</u>				9-25-25		1810		Received on ice: <u>Y</u> <u>N</u>						
<u>Andrew Musso</u>	9-25-25	2300	<u>Cathie Mar</u>				9-26-25		1000								
Relinquished by: (Signature)	Date	Time	Received by: (Signature)				Date		Time								
<u>Andrew Musso</u>	9-25-25	2300	<u>Cathie Mar</u>				9-26-25		1000								
Relinquished by: (Signature)	Date	Time	Received by: (Signature)				Date		Time								
<u>Andrew Musso</u>	9-25-25	2300	<u>Cathie Mar</u>				9-26-25		1000								
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other	Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																	

## Envirotech Analytical Laboratory

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:	Matador Resources, LLC.	Date Received:	09/26/25 07:00	Work Order ID:	E509293
Phone:	(972) 371-5200	Date Logged In:	09/25/25 14:38	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	10/02/25 17:00 (4 day TAT)		

**Chain of Custody (COC)**

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

**Sample Turn Around Time (TAT)**

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

**Sample Cooler**

7. Was a sample cooler received? Yes  
 8. If yes, was cooler received in good condition? Yes  
 9. Was the sample(s) received intact, i.e., not broken? Yes  
 10. Were custody/security seals present? No  
 11. If yes, were custody/security seals intact? NA  
 12. Was the sample received on ice? Yes  
 Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

**Sample Container**

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

**Field Label**

20. Were field sample labels filled out with the minimum information:  
 Sample ID? Yes  
 Date/Time Collected? Yes  
 Collectors name? Yes

**Sample Preservation**

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

**Multiphase Sample Matrix**

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

**Subcontract Laboratory**

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

**Client Instruction**

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



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## APPENDIX E

### NMOCD Correspondence

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Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

## State of New Mexico

# Energy, Minerals and Natural Resources

## Oil Conservation Division

1220 S. St Francis Dr.  
Santa Fe, NM 87505

QUESTIONS

Action 432762

### QUESTIONS

Operator:  MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 432762
	Action Type: [NOTIFY] Notification Of Release (NOR)

### QUESTIONS

<b>Location of Release Source</b> <i>Please answer all the questions in this group.</i>	
Site Name	Weinberger 211 Well Pad
Date Release Discovered	02/17/2025
Surface Owner	Private

### Incident Details

<i>Please answer all the questions in this group.</i>	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	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

<i>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.</i>	
Crude Oil Released (bbls) Details	<i>Not answered.</i>
Produced Water Released (bbls) Details	<i>Cause: Equipment Failure   Other (Specify)   Produced Water   Released: 29 BBL   Recovered: 25 BBL   Lost: 4 BBL.</i>
Is the concentration of chloride in the produced water >10,000 mg/l	<i>Yes</i>
Condensate Released (bbls) Details	<i>Not answered.</i>
Natural Gas Vented (Mcf) Details	<i>Not answered.</i>
Natural Gas Flared (Mcf) Details	<i>Not answered.</i>
Other Released Details	<i>Not answered.</i>
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	<i>Not answered.</i>

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**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 432762

**QUESTIONS (continued)**

Operator:  MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 432762
	Action Type: [NOTIFY] Notification Of Release (NOR)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
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 Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.

*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.*

<b>Initial Response</b>	
<i>The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.</i>	
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	<i>Not answered.</i>

*Per Paragraph 4 of Subsection B of 19.15.29.8 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.*

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

ACKNOWLEDGMENTS

Action 432762

**ACKNOWLEDGMENTS**

Operator:  MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 432762
	Action Type: [NOTIFY] Notification Of Release (NOR)

**ACKNOWLEDGMENTS**

<input checked="" type="checkbox"/>	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.

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

CONDITIONS

Action 432762

**CONDITIONS**

Operator:  MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 432762
	Action Type: [NOTIFY] Notification Of Release (NOR)

**CONDITIONS**

Created By	Condition	Condition Date
j_touchet	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	2/17/2025

<b>Impacted Soil</b>	
Saturated Soil (inches)	0.125
Area (sq. ft.)	10676
<b>Standing fluids</b>	
inches of standing fluid	0
bbl estimate of standing fluids	
barrels recovered (if known)	25
<b>Soil type</b>	
pad caliche	
<b>Spill type</b>	
produced water	
<b>Barrel estimate in soil</b>	
	4.0
Barrel estimate (standing fluids/ recovered+in soil)	29.0

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

QUESTIONS

Action 433086

**QUESTIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 433086
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

**QUESTIONS**

Prerequisites	
Incident ID (n#)	nAPP2504854029
Incident Name	NAPP2504854029 WEINBERGER FEDERAL COM 211 H WELL PAD @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received

**Location of Release Source***Please answer all the questions in this group.*

Site Name	Weinberger Federal Com 211 H Well Pad
Date Release Discovered	02/17/2025
Surface Owner	Private

**Incident Details***Please answer all 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
Did this release result in any injuries	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	<i>Not answered.</i>
Produced Water Released (bbls) Details	<i>Cause: Equipment Failure   Other (Specify)   Produced Water   Released: 29 BBL   Recovered: 25 BBL   Lost: 4 BBL.</i>
Is the concentration of chloride in the produced water >10,000 mg/l	<i>Yes</i>
Condensate Released (bbls) Details	<i>Not answered.</i>
Natural Gas Vented (Mcf) Details	<i>Not answered.</i>
Natural Gas Flared (Mcf) Details	<i>Not answered.</i>
Other Released Details	<i>Not answered.</i>
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	<i>Not answered.</i>

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**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 433086

**QUESTIONS (continued)**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 433086
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
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 Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.

*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.*

<b>Initial Response</b>	
<i>The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.</i>	
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	<i>Not answered.</i>

*Per Paragraph (4) of Subsection B of 19.15.29.8 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 Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.*

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.

I hereby agree and sign off to the above statement	Name: Jason Touchet Title: EHS Field Rep Email: jason.touchet@matadorresources.com Date: 02/18/2025
--	--

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
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QUESTIONS, Page 3

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

Action 433086

**QUESTIONS (continued)**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 433086
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

**QUESTIONS**

**Site Characterization**

*Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). 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 in feet below ground surface (ft bgs)	<i>Not answered.</i>
What method was used to determine the depth to ground water	<i>Not answered.</i>
Did this release impact groundwater or surface water	<i>Not answered.</i>
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	<i>Not answered.</i>
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	<i>Not answered.</i>
An occupied permanent residence, school, hospital, institution, or church	<i>Not answered.</i>
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	<i>Not answered.</i>
Any other fresh water well or spring	<i>Not answered.</i>
Incorporated municipal boundaries or a defined municipal fresh water well field	<i>Not answered.</i>
A wetland	<i>Not answered.</i>
A subsurface mine	<i>Not answered.</i>
An (non-karst) unstable area	<i>Not answered.</i>
Categorize the risk of this well / site being in a karst geology	<i>Not answered.</i>
A 100-year floodplain	<i>Not answered.</i>
Did the release impact areas not on an exploration, development, production, or storage site	<i>Not answered.</i>

**Remediation Plan**

*Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

Requesting a remediation plan approval with this submission	<b>No</b>
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

## State of New Mexico

### Energy, Minerals and Natural Resources

#### Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

CONDITIONS

Action 433086

#### CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 433086
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

#### CONDITIONS

Created By	Condition	Condition Date
nvelez	None	2/18/2025

**From:** [Velez, Nelson, EMNRD](#)  
**To:** [Chad Hamilton: Enviro, OCD, EMNRD](#); [Bratcher, Michael, EMNRD](#); [Jason Touchet](#); [Arsenio Jones](#)  
**Cc:** [Ashley Giovengo](#)  
**Subject:** Re: [EXTERNAL] Extension Request - Matador Production Company - Weinberger Federal Com 211 H Well Pad - Incident Number nAPP2504854029  
**Date:** Tuesday, May 20, 2025 9:06:03 AM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[image004.png](#)  
[Outlook-kztrd20o.png](#)

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[ \*\*EXTERNAL EMAIL\*\* ]

Good morning Chad,

Thank you for the correspondence. Your 90-day time extension request is approved. Remediation Due date has been updated to August 18, 2025.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

Regards,

**Nelson Velez** • Environmental Specialist - Adv  
Environmental Bureau | EMNRD - Oil Conservation Division  
1000 Rio Brazos Road | Aztec, NM 87410  
(505) 469-6146 | [nelson.velez@emnrd.nm.gov](mailto:nelson.velez@emnrd.nm.gov)  
<http://www.emnrd.nm.gov/ocd>



---

**From:** Chad Hamilton <chamilton@ensolum.com>  
**Sent:** Monday, May 19, 2025 6:49 AM  
**To:** Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Jason Touchet <jason.touchet@matadorresources.com>; Arsenio Jones <arsenio.jones@matadorresources.com>  
**Cc:** Ashley Giovengo <agiovengo@ensolum.com>  
**Subject:** [EXTERNAL] Extension Request - Matador Production Company - Weinberger Federal Com 211 H Well Pad - Incident Number nAPP2504854029

CAUTION: This email originated outside of our organization. Exercise caution prior to

clicking on links or opening attachments.

All,

Matador Production Company (Matador) is requesting an extension of the current deadline of May 19, 2025, for submitting a remediation work plan or closure report required in 19.15.29.12.B.(1) NMAC at the Weinberger Federal Com 211 H Well Pad (Site) (Incident Number nAPP2504854029). The release occurred on February 17, 2025, and approximately 29 barrels (bbls) of produced water were released on pad; 25 bbls were recovered. Due to ongoing fracking operations, Matador has been unable to investigate lateral and vertical delineation or remediate potentially impacted soil in accordance with the strictest Closure Criteria per NMOCD Table I. Matador intends to submit a remediation work plan or closure report after completing excavation of the subject matter release and upon receiving final laboratory analytical results from confirmation sampling activities. Matador respectfully requests an extension until August 17, 2025.

Thanks,



**Chad Hamilton**

Project Geologist

940-923-0072

**Ensolum, LLC**

[in](#) [f](#) [Twitter icon](#)

**From:** [Velez, Nelson, EMNRD](#)  
**To:** [Ashley Giovengo](#)  
**Cc:** [Chad Hamilton](#); [Jason Touchet](#); [Enviro, OCD, EMNRD](#)  
**Subject:** Re: [EXTERNAL] Extension Request - Matador Production Company - Weinberger Federal Com 211H Well Pad - Incident Number nAPP2504854029  
**Date:** Monday, August 18, 2025 1:38:32 PM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[Outlook-so5sbla3.png](#)

---

[ \*\*EXTERNAL EMAIL\*\* ]

Good afternoon Ashley,

Thank you for the correspondence. Your 90-day time extension is approved.  
 Remediation Due date has been updated to November 17, 2025.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

Regards,

**Nelson Velez** • Environmental Specialist - Adv  
 Environmental Bureau | EMNRD - Oil Conservation Division  
 1000 Rio Brazos Road | Aztec, NM 87410  
 (505) 469-6146 | [nelson.velez@emnrd.nm.gov](mailto:nelson.velez@emnrd.nm.gov)  
<http://www.emnrd.nm.gov/ocd>




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**From:** Ashley Giovengo <[agiovengo@ensolum.com](mailto:agiovengo@ensolum.com)>  
**Sent:** Monday, August 18, 2025 12:09 PM  
**To:** Velez, Nelson, EMNRD <[Nelson.Velez@emnrd.nm.gov](mailto:Nelson.Velez@emnrd.nm.gov)>; Enviro, OCD, EMNRD <[OCD.Enviro@emnrd.nm.gov](mailto:OCD.Enviro@emnrd.nm.gov)>  
**Cc:** Chad Hamilton <[chamilton@ensolum.com](mailto:chamilton@ensolum.com)>; Jason Touchet <[jason.touchet@matadorresources.com](mailto:jason.touchet@matadorresources.com)>  
**Subject:** [EXTERNAL] Extension Request - Matador Production Company - Weinberger Federal Com 211H Well Pad - Incident Number nAPP2504854029

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

All,

Matador Production Company (Matador) is requesting an extension of the current deadline of August 18, 2025, for submitting a remediation work plan or closure report required in 19.15.29.12.B.(1) NMAC at the Weinberger Federal Com 211H Well Pad (Site) (Incident Number nAPP2504854029). The release occurred on February 17, 2025, and approximately 29 barrels (bbls) of produced water were released onto the pad surface; 25 bbls were recovered. Due to the presence of equipment during drilling and completion activities, Ensolum personnel have been unable to complete delineation soil sampling activities. Matador intends to return to the Site in order to complete delineation and excavation activities in accordance with the Site Closure Criteria and respectfully requests a 90-day extension until November 17, 2025. Matador will submit a remediation work plan or closure report upon receiving final laboratory analytical data from confirmation sampling activities. Please let me know if you have any further questions regarding this site.

Thanks,



**Ashley Giovengo**

Associate Principal

575-988-0055

**Ensolum, LLC**

[in](#) [f](#) [X](#)

“Your authenticity is your superpower.” – Unknown

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
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QUESTIONS

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

Action 525053

**QUESTIONS**

Operator:  MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 525053
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2504854029
Incident Name	NAPP2504854029 WEINBERGER FEDERAL COM 211 H WELL PAD @ L-30-24S-36E
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received

<b>Location of Release Source</b>	
Please answer all the questions in this group.	
Site Name	WEINBERGER FEDERAL COM 211 H WELL PAD
Date Release Discovered	02/17/2025
Surface Owner	Private

<b>Incident Details</b>	
Please answer all 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
Did this release result in any injuries	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

<b>Nature and Volume of Release</b>	
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: Equipment Failure   Other (Specify)   Produced Water   Released: 29 BBL   Recovered: 25 BBL   Lost: 4 BBL.
Is the concentration of 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.

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Action 525053

**QUESTIONS (continued)**

Operator:  MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID:  228937
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**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
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 Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.

*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.*

<b>Initial Response</b>	
<i>The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.</i>	
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	<i>Not answered.</i>

*Per Paragraph (4) of Subsection B of 19.15.29.8 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 Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.*

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.

I hereby agree and sign off to the above statement	Name: Jason Touchet Title: EHS Field Rep Email: jason.touchet@matadorresources.com Date: 11/10/2025
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QUESTIONS, Page 3

Action 525053

**QUESTIONS (continued)**

Operator:  MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID:  228937
	Action Number:  525053
	Action Type:  [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS****Site Characterization**

*Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). 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 in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Between 500 and 1000 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1000 (ft.) and ½ (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 500 and 1000 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between ½ and 1 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Zero feet, overlying, or within area
Did the release impact areas not on an exploration, development, production, or storage site	No

**Remediation Plan**

*Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
<b>Soil Contamination Sampling:</b> (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	1290
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	41.7
GRO+DRO (EPA SW-846 Method 8015M)	41.7
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

*Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.*

On what estimated date will the remediation commence	01/01/2026
On what date will (or did) the final sampling or liner inspection occur	01/15/2026
On what date will (or was) the remediation complete(d)	01/15/2026
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	10676
What is the estimated volume (in cubic yards) that will be remediated	297

*These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.*

*The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.*

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QUESTIONS, Page 4

Action 525053

**State of New Mexico**  
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**QUESTIONS (continued)**

Operator:  MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID:  228937
	Action Number:  525053
	Action Type:  [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

**Remediation Plan (continued)**

*Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

**This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:**

*(Select all answers below that apply.)*

(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	<b>Yes</b>
Which OCD approved facility will be used for <b>off-site</b> disposal	<i>Not answered.</i>
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	<i>Not answered.</i>
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	<i>Not answered.</i>
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	<b>Yes</b>
What is the name of the NMED facility	<b>Northern Delaware Basin</b>
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	<i>Not answered.</i>
(In Situ) Soil Vapor Extraction	<i>Not answered.</i>
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	<i>Not answered.</i>
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	<i>Not answered.</i>
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	<i>Not answered.</i>
Ground Water Abatement pursuant to 19.15.30 NMAC	<i>Not answered.</i>
OTHER (Non-listed remedial process)	<i>Not answered.</i>

*Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.*

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.

I hereby agree and sign off to the above statement	Name: Jason Touchet Title: EHS Field Rep Email: jason.touchet@matadorresources.com Date: 11/10/2025
--	--

*The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.*

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QUESTIONS, Page 5

Action 525053

**QUESTIONS (continued)**

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**QUESTIONS**

**Deferral Requests Only**

*Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.*

Requesting a deferral of the remediation closure due date with the approval of this submission	No
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Action 525053

**QUESTIONS (continued)**

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**QUESTIONS**

<b>Sampling Event Information</b>	
Last sampling notification (C-141N) recorded	{Unavailable.}

<b>Remediation Closure Request</b>	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	No

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CONDITIONS

Action 525053

**CONDITIONS**

Operator:  MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 525053
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**CONDITIONS**

Created By	Condition	Condition Date
nvelez	The remediation plan is approved as written. Matador has 90-days (April 8, 2026) to submit to OCD its appropriate or final remediation closure report.	1/8/2026