

October 17, 2025

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

Re: Deferral Request Pinestraw CTB

Incident Number nAPP2524955152

Lea County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of Matador Production Company (Matador), has prepared this *Deferral Request* to document assessment and soil sampling activities performed at the Pinestraw CTB (Site) in Unit C, Section 05, Township 25 South, Range 36 East, in Lea County, New Mexico (Figure 1). The purpose of the Site assessment and soil sampling activities was to assess for the presence or absence of impacts to soil following the release of crude oil inside the lined secondary containment. Based on field observations, field screening activities, and laboratory analytical results, Matador is submitting this *Deferral Request*, describing Site assessment activities that have occurred and requesting deferral of final remediation for Incident Number nAPP2524955152 until the Site is reconstructed and/or the pad is abandoned.

SITE DESCRIPTION AND RELEASE SUMMARY

The release was initially reported at the incorrect location but following a review of initial release records, internal documents, and personnel communications, it was confirmed the release is located at the Pinestraw CTB. The release is located in Unit C, Section 05, Township 25 South, Range 36 East, in Lea County, New Mexico (32.16488°, -103.28793°) and is associated with oil and gas exploration and production operations on Private Land.

On September 6, 2025, an equipment failure caused the overflow of a crude oil tank inside the lined secondary containment at the Site. The tank overflow resulted in the release of approximately 60 barrels (bbls) of crude oil; 60 bbls of crude oil were recovered via vacuum truck. Matador reported the release via Notification of Release (NOR) to the New Mexico Oil Conservation Division (NMOCD) on September 6, 2025, and submitted an Initial C-141 Application (C-141) on September 9, 2025. The release was assigned Incident Number nAPP2524955152.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented below.

According to the New Mexico Office of the State Engineer (NMOSE), the closest permitted groundwater well with depth to groundwater data is CP-1949, located approximately 2,276 feet northwest of the release area with a reported depth to groundwater greater than 102 feet below ground surface (bgs) and

Ensolum, LLC | Environmental, Engineering & Hydrogeologic Consultants 3122 National Parks Highway | Carlsbad, New Mexico 88220 | ensolum.com

Matador Production Company Pinestraw CTB Deferral Request



a total depth of 102 feet bgs. 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 shallow groundwater. All wells used for depth to groundwater determination are presented on Figure 1. The referenced well record is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is an intermittent dry wash, located approximately 1,130 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). Site receptors are identified on Figure 1.

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

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH)-gasoline range organics (GRO) and TPH-diesel range organics (DRO): 1,000 mg/kg
- TPH: 2,500 mg/kg
- Chloride: 20,000 mg/kg

SITE ASSESSMENT ACTIVITIES

A 48-hour advance notice of a liner inspection was provided via portal to the NMOCD on September 17, 2025. A liner integrity inspection was conducted by Ensolum personnel on September 19, 2025, and the liner was determined to be insufficient to contain the release in question.

On September 19, 2025, Ensolum personnel completed a liner integrity inspection, and two holes were identified in the lined secondary containment liner. Ensolum personnel advanced two boreholes (BH01 and BH02) via hand auger inside the lined secondary containment. Boreholes BH01 and BH02 were advanced to a maximum depth of 1-foot bgs. On September 23, 2025, and September 24, 2025, delineation activities were conducted to confirm the impacts were laterally contained by the lined containment walls. Ensolum personnel collected six lateral delineation soil samples (SS01 through SS06) from around the lined secondary containment at ground surface and 1-foot bgs. Soils from lateral delineation and vertical delineation sampling were field screened for TPH utilizing a calibrated PetroFLAG® soil analyzer system and for chloride using Hach® chloride QuanTab® test strips.

The delineation soil sample locations are depicted on Figure 2. Field screening results and observations for the boreholes were logged on lithologic/soil sampling logs, which are included in Appendix B. Photographs were taken during the liner integrity inspection and during soil sampling activities and a photographic log 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,

Matador Production Company Pinestraw CTB Deferral Request



New Mexico, for analysis of the following constituents of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-GRO, TPH-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 SS06) collected from around the lined secondary containment, were in compliance with the Site Closure Criteria and with the strictest Closure Criteria at ground surface and 1-foot bgs. Laboratory analytical results from delineation borehole BH01 was in compliance with the Site Closure Criteria at ground surface and the strictest Closure Criteria at 0.5 feet bgs. Borehole BH02 exceeded the Site Closure Criteria at the ground surface but was in compliance with the Site Closure Criteria at a depth of 0.5 feet bgs and with the strictest Closure Criteria at a depth of 1-foot bgs. Laboratory analytical results are summarized in Table 1, and the complete laboratory analytical report is included as Appendix D.

DEFERRAL REQUEST

Matador is requesting deferral of final remediation due to the presence of active production equipment, process piping, the supports beneath them, preventing full excavation of impacted soil. The estimated area of remaining impacted soil based on analytical results for borehole BH02 measures approximately 7,461 square feet, and assuming a depth of up to 0.5 feet bgs under the lined secondary containment with a total of approximately 138 cubic yards of impacted soil remaining in place. The deferral area and delineation soil samples are depicted on Figure 2.

Impacted soil is limited to the area beneath active production equipment, where remediation would require a major facility deconstruction. The release extent has been laterally delineated by delineation soil samples SS01 through SS06 at ground surface and vertically delineated by borehole samples (BH01 and BH02) at depths ranging from ground surface to 0.5 feet bgs.

Matador does not believe deferment will result in imminent risk to human health, the environment, or groundwater. Depth to groundwater was determined to be greater than 102 feet bgs. Based on the presence of active production equipment within the release area and the complete lateral and vertical delineation of impacted soil remaining in place, Matador requests deferral of final remediation for Incident Number nAPP2524955152 until final reclamation of the well pad or major construction, whichever comes first.

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

Sincerely,

Ensolum, LLC

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

cc: Jason Touchet, Matador

Matador Production Company Pinestraw CTB Deferral Request



Appendices:

Figure 1 Site Receptor Map

Figure 2 Delineation Soil Sample Locations

Figure 3 Area of Requested Deferral

Table 1 Delineation Soil Sample Analytical Results

Appendix A Well Record and Log

Appendix B Lithologic Soil Sampling Logs

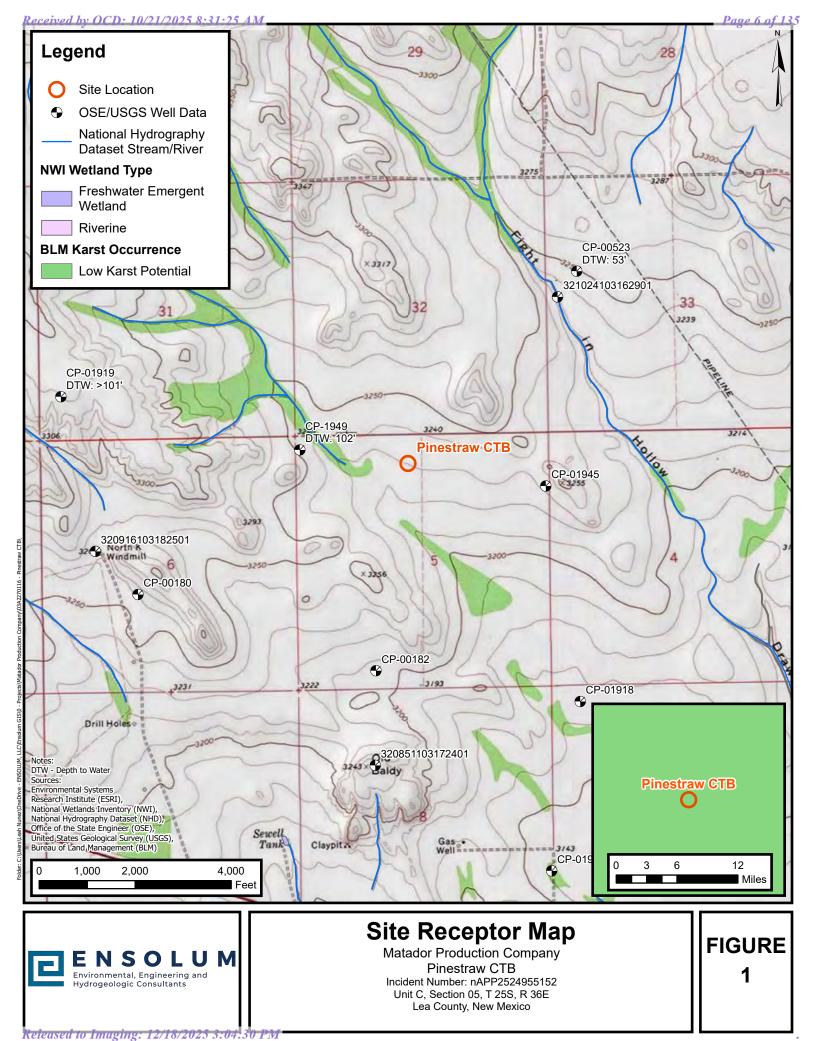
Appendix C Photographic Log

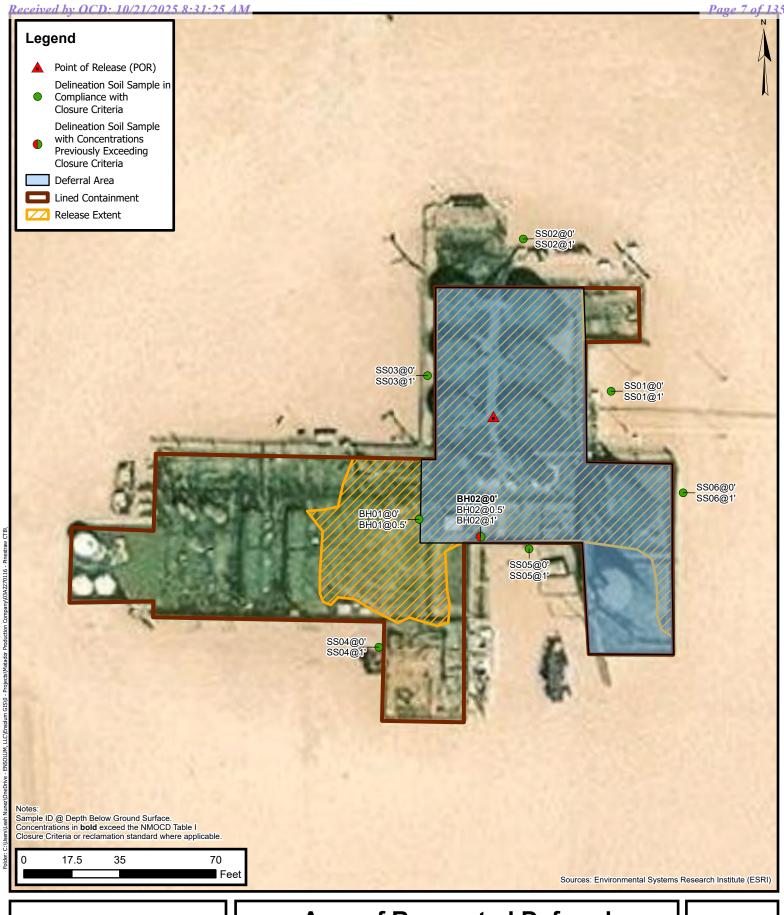
Appendix D Laboratory Analytical Reports & Chain-of-Custody Documentation

Appendix E NMOCD Correspondence



FIGURES







Area of Requested Deferral

Matador Production Company Pinestraw CTB Incident Number: nAPP2524955152 Unit C, Section 05, T 25S, R 36E Lea County, New Mexico FIGURE 2



TABLES

TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS Pinestraw CTB 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)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
				Delir	neation Soil Sar	nples		<u> </u>		
SS01	9/23/2025	0	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	87.0
SS01	9/23/2025	1	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	81.1
SS02	9/23/2025	0	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS02	9/23/2025	1	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	26.7
SS03	9/24/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS03	9/24/2025	1	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS04	9/24/2025	0	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS04	9/24/2025	1	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS05	9/24/2025	0	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS05	9/24/2025	1	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS06	9/23/2025	0	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	24.5
SS06	9/23/2025	1	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH01	9/19/2025	0	<0.0250	<0.0500	<20.0	47.4	59.2	47.4	107	472
BH01	9/19/2025	0.5	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	30.8
BH02	9/19/2025	0	< 0.0250	< 0.0500	<20.0	3,920	4,400	3,920	8,320	34.2
BH02	9/19/2025	0.5	< 0.0250	< 0.0500	<20.0	105	86.0	105	191	25.9
BH02	9/19/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0

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

"<": Laboratory Analytical result is less than reporting limit

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

GRO: Gasoline Range Organics DRO: Diesel Range Organics ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

^{*} 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.



APPENDIX A

Well Record and Log

PAGE 1 OF 2

WELL TAG ID NO.



NO	OSE POD NO. (W	ELL NO.)		WELL TAG ID NO. n/a		OSE FILE NO	S).			
OCATI	WELL OWNER N Ameredev Ope						PHONE (OPTION 737-300-470				
WELLI	WELL OWNER MAILING ADDRESS 2901 Via Fortuna Suite 600								TX 78746	ZIP	
GENERAL AND WELL LOCATION	WELL LOCATION (FROM GPS)	2000	DI TITUDE NGITUDE	32 103	MINUTES 9 17		REQUIRED: ONE TEN	TH OF A SECOND			
1. GE	DESCRIPTION R NW L4 Sec.5			O STREET AD	DRESS AND COMMON L	ANDMARKS – PI	SS (SECTION, TO	WNSHJIP, RANGE) WH	ERE AVAILABLE		
	LICENSE NO. 1249		NAME OF LICENSED	DRILLER	Jackie D. Atkins			NAME OF WELL DR Atkins Eng	ILLING COMPANY gineering Associates	, Inc.	
	DRILLING STAR 2/17/23	TED	DRILLING ENDED 2/17/23		completed well (FT) orary well material	BORE H	ole depth (FT) ±102	DEPTH WATER FIR:	ST ENCOUNTERED (F n/a	T)	
NC	COMPLETED WELL IS: ARTESIAN PRY HOLE SHALLOW (UNCONFINED)							WATER LEVEL PLETED WELL n	la la	C MEASURED 20/23	
RMATIC	DRILLING FLUID:						Hollow Stem Auger CHECK HERE IF PITLESS ADAPTER IS INSTALLED				
CASING INFORMATION	FROM TO DIAM		(includ	(include each casing string, and		CASING NNECTION TYPE upling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)		
3	0	102	±6.25"		Boring-HSA		-	-	-	i e	
2. DRILLING											
RIAL						LIST ANNULAR SEAL MATERIAL AND AVEL PACK SIZE-RANGE BY INTERVAL			AMOUNT METH (cubic feet) PLACI		
. ANNULAR MATERIAL								\$55 C. 744	67 M239477	5	
e,	OSE INTERNA	I HEE					WD 2	0 WELL RECORD	& LOG (Version 01	/28/2022\	

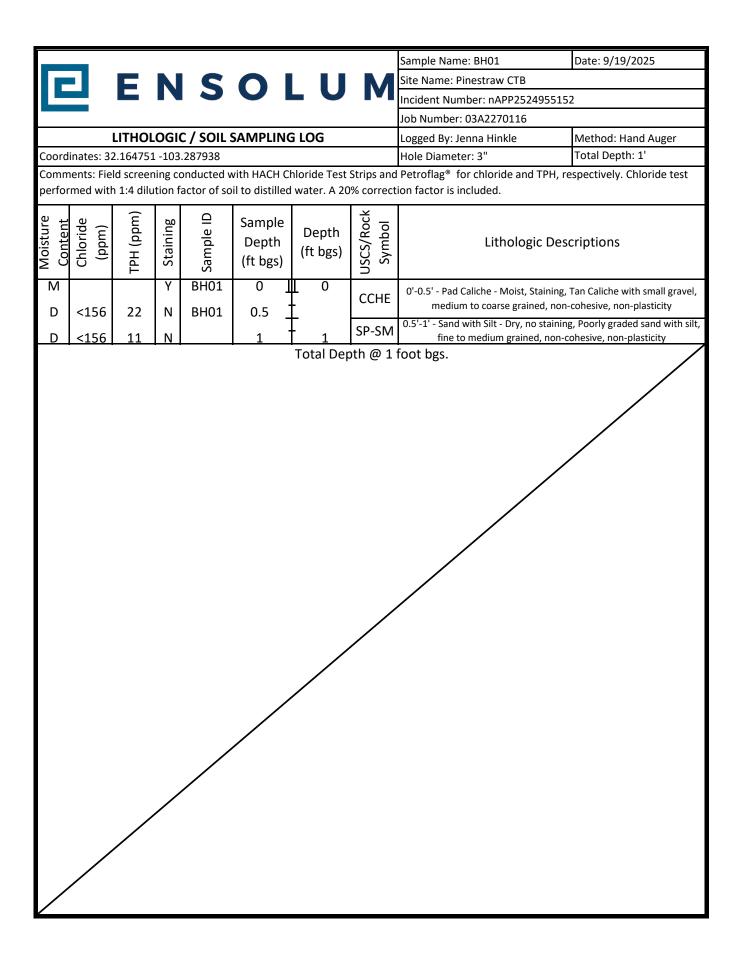
LOCATION

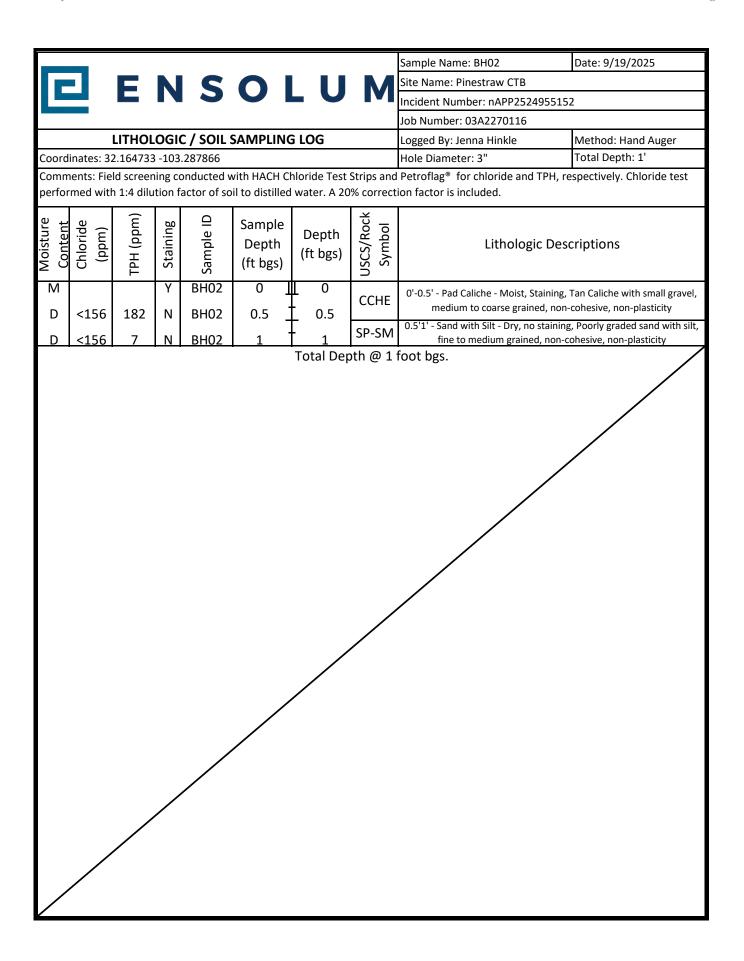
	DEPTH (feet bgl)		COLOR AN	ND TYPE OF MA	TEDIAL E	ENCOUNTERED -	WATER	ESTIMATED
	FROM	то	THICKNESS (feet)	INCLUDE WAT	ER-BEARING C	AVITIES C	OR FRACTURE ZONE describe all units)	WATER BEARING? (YES / NO)	YIELD FOR WATER- BEARING ZONES (gpm)
	0	4	4	Sa	nd, fine-grained, p	oorly grad	ed, Brown	Y ✓N	
	4	20	16	Sand, fine-gr	ained, poorly grad	led, with C	aliche, Tan/off white	Y ✓N	
	16	65	36	Sano	d, fine-grained, po	orly grade,	Tan Brown	Y ✓N	
	65	102	37	Clay	, with fine silt, Ha	rd, Browni	sh Red, Dry	y ✓n	
	- 7							Y N	
T								Y N	
WEL								Y N	
OF								Y N	
90								Y N	
ICL								Y N	
000								Y N	
EOI								Y N	
ROG		-						Y N	
4. HYDROGEOLOGIC LOG OF WELL								Y N	
4								Y N	
								Y N	
								Y N	
								Y N	
				5				Y N	
								Y N	
								Y N	
	METHOD U			OF WATER-BEARIN	NG STRATA: THER – SPECIF	Ý:		TOTAL ESTIMATED WELL YIELD (gpm):	0.00
ISION	WELL TES							CLUDING DISCHARGE ER THE TESTING PERI	
S. TEST; RIG SUPERVISI			fro D7	m 10 bgs to surface W-15	with hydrated b	entonite,	see attached pluggir	10 feet below ground s ng record.	3#435
5. T	Shane Eldri			7.000(0) 7.11.17.00					
SIGNATURE	CORRECT AND THE F	RECORD C ERMIT HO	OF THE ABOVE D		ND THAT HE OF	R SHE WII	LL FILE THIS WELL	LIEF, THE FOREGOING RECORD WITH THE ST	
6. SIG	Jack A			<u>``</u>	ackie D. Atkins			3/7/23	
		SIGNA	TURE OF DRILLE	R / PRINT SIGNEE	NAME			DATE	
FOI	R OSE INTER	NAL USE					WR-20 WE	ELL RECORD & LOG (V	ersion 01/28/2022)
		2-01	949		POD NO.	1	TRN NO.	740633	
LO			SE. 05.	1.1.1			WELL TAG ID NO.		PAGE 2 OF 2



APPENDIX B

Lithologic Soil Sampling Logs







APPENDIX C

Photographic Log







Photograph 1 Date: 9/8/2025 Photograph 2 Date: 9/8/2025

Description: Lease Signage
View: Southwest

Description: Release Extent View: Northwest





Photograph 3 Date: 9/8/2025 Photograph 4 Date: 9/8/2025

Description: Release Extent Description: Release Extent

View: Northeast View: East







Date: 9/8/2025 Photograph 5 Date: 9/8/2025 Photograph 6

Description: Release Extent Description: Release Extent View: Northeast

View: East





Photograph 7 Date: 9/8/2025 Photograph 8 Date: 9/19/2025

Description: Release Extent Description: Liner Inspection

View: North View: Northeast







Photograph 9 Date: 9/19/2025 Photograph 10 Date: 9/19/2025

Description: Liner Inspection

View: West

Description: Liner Inspection

View: Southeast



Photograph 11 Date: 9/19/2025 Photograph 12 Date: 9/19/2025

Description: Liner Inspection Description: Liner Inspection

View: Northeast View: South







Photograph 13 Date: 9/19/2025

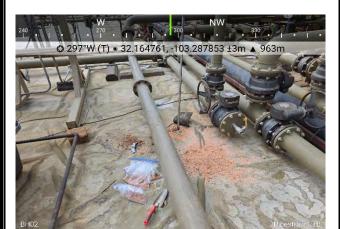
Description: Delineation BH01

View: North

Photograph 14

Description: BH01 (Patched)

View: North





Photograph 15

Description: Delineation BH02

View: Northwest

Photograph 16

Description: BH02 (Patched)

View: Northwest

Date: 9/19/2025

Date: 9/19/2025

Date: 9/19/2025







Photograph 17 Date: 9/23/2025 Photograph 18 Date: 9/23/2025

Description: Delineation SS06

View: Northwest

Photograph 18
Description: Delineation SS01

View: West





Photograph 19 Date: 9/24/2025 Photograph 20 Date: 9/24/2025

Description: Delineation SS04 Description: Delineation SS05

View: East View: North



APPENDIX D

Laboratory Analytical Reports & Chain-of-Custody Documentation

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: Pinestraw CTB

Work Order: E509282

Job Number: 23003-0002

Received: 9/25/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 10/1/25

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: 10/1/25

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

Project Name: Pinestraw CTB

Workorder: E509282

Date Received: 9/25/2025 6:00:56AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/25/2025 6:00:56AM, under the Project Name: Pinestraw CTB.

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

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

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Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SS01-0'	5
SS01-1'	6
SS02-0'	7
SS02-1'	8
SS06-0'	9
SS06-1'	10
QC Summary Data	11
QC - Volatile Organics by EPA 8021B	11
QC - Nonhalogenated Organics by EPA 8015D - GRO	12
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	13
QC - Anions by EPA 300.0/9056A	14
Definitions and Notes	15
Chain of Custody etc.	16

Sample Summary

Matador Resources, LLC.	Project Name:	Pinestraw CTB	Donoutodi
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/01/25 09:05

Client Sample ID	Lab Sample ID M	latrix	Sampled	Received	Container
SS01-0'	E509282-01A	Solid	09/23/25	09/25/25	Glass Jar, 2 oz.
SS01-1'	E509282-02A	Solid	09/23/25	09/25/25	Glass Jar, 2 oz.
SS02-0'	E509282-03A	Solid	09/23/25	09/25/25	Glass Jar, 2 oz.
SS02-1'	E509282-04A	Solid	09/23/25	09/25/25	Glass Jar, 2 oz.
SS06-0'	E509282-05A	Solid	09/23/25	09/25/25	Glass Jar, 2 oz.
SS06-1'	E509282-06A	Solid	09/23/25	09/25/25	Glass Jar, 2 oz.



Matador Resources, LLC.	Project Name:	Pinestraw CTB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/1/2025 9:05:07AM

SS01-0'

E509282-01

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: BA		Batch: 2539128
ND	0.0250	1	09/25/25	09/26/25	
ND	0.0250	1	09/25/25	09/26/25	
ND	0.0250	1	09/25/25	09/26/25	
ND	0.0250	1	09/25/25	09/26/25	
ND	0.0500	1	09/25/25	09/26/25	
ND	0.0250	1	09/25/25	09/26/25	
	110 %	70-130	09/25/25	09/26/25	
mg/kg	mg/kg	Anal	yst: BA		Batch: 2539128
ND	20.0	1	09/25/25	09/26/25	
	88.4 %	70-130	09/25/25	09/26/25	
mg/kg	mg/kg	Anal	yst: NV		Batch: 2540002
ND	25.0	1	09/29/25	09/29/25	
ND	50.0	1	09/29/25	09/29/25	
	100 %	61-141	09/29/25	09/29/25	
mg/kg	mg/kg	Anal	yst: DT		Batch: 2539166
87.0	20.0	1	09/26/25	09/27/25	_
	mg/kg ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 II0 % mg/kg mg/kg mg/kg ND 20.0 88.4 % mg/kg ND 25.0 ND 50.0 100 % mg/kg mg/kg mg/kg	mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 Mg/kg mg/kg Anal ND 20.0 1 88.4 % 70-130 70-130 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 100 % 61-141 mg/kg mg/kg Anal	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 09/25/25 ND 0.0250 1 09/25/25 ND 0.0250 1 09/25/25 ND 0.0500 1 09/25/25 ND 0.0250 1 09/25/25 ND 0.0250 1 09/25/25 mg/kg mg/kg Analyst: BA ND 20.0 1 09/25/25 mg/kg mg/kg Analyst: NV ND 25.0 1 09/29/25 ND 50.0 1 09/29/25 ND 50.0 1 09/29/25 ND 50.0 1 09/29/25 ng/kg 61-141 09/29/25 mg/kg mg/kg Analyst: DT	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 09/25/25 09/26/25 ND 0.0250 1 09/25/25 09/26/25 ND 0.0250 1 09/25/25 09/26/25 ND 0.0500 1 09/25/25 09/26/25 ND 0.0250 1 09/25/25 09/26/25 ND 0.0250 1 09/25/25 09/26/25 mg/kg mg/kg Analyst: BA ND 20.0 1 09/25/25 09/26/25 mg/kg mg/kg Analyst: BA ND 20.0 1 09/25/25 09/26/25 mg/kg mg/kg Analyst: NV ND 25.0 1 09/29/25 09/29/25 ND 50.0 1 09/29/25 09/29/25 ND 50.0 1 09/29/25 09/29/25 ND 61-141



Matador Resources, LLC		Project Name:	Pinestraw CTB		
5400 LBJ Freeway, Suite	1500	Project Number:	23003-0002	Reporte	ed:
Dallas TX, 75240		Project Manager:	Ashley Giovengo	10/1/2025 9:0	05:07AM

SS01-1'

E509282-02

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: BA		Batch: 2539128
ND	0.0250	1	09/25/25	09/26/25	
ND	0.0250	1	09/25/25	09/26/25	
ND	0.0250	1	09/25/25	09/26/25	
ND	0.0250	1	09/25/25	09/26/25	
ND	0.0500	1	09/25/25	09/26/25	
ND	0.0250	1	09/25/25	09/26/25	
	109 %	70-130	09/25/25	09/26/25	
mg/kg	mg/kg	Ana	lyst: BA		Batch: 2539128
ND	20.0	1	09/25/25	09/26/25	
	86.9 %	70-130	09/25/25	09/26/25	
mg/kg	mg/kg	Ana	lyst: NV		Batch: 2540002
ND	25.0	1	09/29/25	09/29/25	
ND	50.0	1	09/29/25	09/29/25	
	100 %	61-141	09/29/25	09/29/25	
mg/kg	mg/kg	Ana	llyst: DT		Batch: 2539166
	mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 ND 0.0250 MD 0.0250 Mg/kg mg/kg ND 20.0 86.9 % mg/kg ND 25.0 ND 50.0 100 %	Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 70-130 mg/kg mg/kg Ana ND 20.0 1 86.9 % 70-130 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 100 % 61-141 61-141	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 09/25/25 ND 0.0250 1 09/25/25 ND 0.0250 1 09/25/25 ND 0.0500 1 09/25/25 ND 0.0250 1 09/25/25 ND 0.0250 1 09/25/25 mg/kg 70-130 09/25/25 mg/kg mg/kg Analyst: BA ND 20.0 1 09/25/25 mg/kg mg/kg Analyst: NV ND 25.0 1 09/29/25 ND 50.0 1 09/29/25 ND 50.0 1 09/29/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 09/25/25 09/26/25 ND 0.0250 1 09/25/25 09/26/25 ND 0.0250 1 09/25/25 09/26/25 ND 0.0500 1 09/25/25 09/26/25 ND 0.0250 1 09/25/25 09/26/25 ND 0.0250 1 09/25/25 09/26/25 mg/kg mg/kg Analyst: BA ND 20.0 1 09/25/25 09/26/25 mg/kg mg/kg Analyst: BA ND 20.0 1 09/25/25 09/26/25 mg/kg mg/kg Analyst: NV ND 25.0 1 09/29/25 09/29/25 ND 50.0 1 09/29/25 09/29/25 ND 50.0 1 09/29/25 09/29/25 ND 61-141



Matador Resources, LLC.	Project Name:	Pinestraw CTB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/1/2025 9:05:07AM

SS02-0'

E509282-03

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2539128
Benzene	ND	0.0250	1	09/25/25	09/26/25	
Ethylbenzene	ND	0.0250	1	09/25/25	09/26/25	
Toluene	ND	0.0250	1	09/25/25	09/26/25	
o-Xylene	ND	0.0250	1	09/25/25	09/26/25	
p,m-Xylene	ND	0.0500	1	09/25/25	09/26/25	
Total Xylenes	ND	0.0250	1	09/25/25	09/26/25	
Surrogate: 4-Bromochlorobenzene-PID		111 %	70-130	09/25/25	09/26/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2539128
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/25/25	09/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.7 %	70-130	09/25/25	09/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2540002
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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2539166
Chloride	ND	20.0	-	09/26/25	09/27/25	·



Matador Resources, LLC.	Project Name:	Pinestraw CTB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/1/2025 9:05:07AM

SS02-1'

E509282-04

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2539128
Benzene	ND	0.0250	1	09/25/25	09/26/25	
Ethylbenzene	ND	0.0250	1	09/25/25	09/26/25	
Toluene	ND	0.0250	1	09/25/25	09/26/25	
o-Xylene	ND	0.0250	1	09/25/25	09/26/25	
p,m-Xylene	ND	0.0500	1	09/25/25	09/26/25	
Total Xylenes	ND	0.0250	1	09/25/25	09/26/25	
Surrogate: 4-Bromochlorobenzene-PID		112 %	70-130	09/25/25	09/26/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA	Batch: 2539128	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/25/25	09/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.3 %	70-130	09/25/25	09/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2540002
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		103 %	61-141	09/29/25	09/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2539166
Chloride	26.7	20.0	1	09/26/25	09/27/25	



Matador Resources, LLC.	Project Name:	Pinestraw CTB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/1/2025 9:05:07AM

SS06-0'

E509282-	05
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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2539128
Benzene	ND	0.0250	1	09/25/25	09/26/25	
Ethylbenzene	ND	0.0250	1	09/25/25	09/26/25	
Toluene	ND	0.0250	1	09/25/25	09/26/25	
o-Xylene	ND	0.0250	1	09/25/25	09/26/25	
p,m-Xylene	ND	0.0500	1	09/25/25	09/26/25	
Total Xylenes	ND	0.0250	1	09/25/25	09/26/25	
Surrogate: 4-Bromochlorobenzene-PID		110 %	70-130	09/25/25	09/26/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2539128
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/25/25	09/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.5 %	70-130	09/25/25	09/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2540002
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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2539166
	24.5	20.0		09/26/25	09/27/25	



Matador Resources, LLC		Project Name:	Pinestraw CTB		
5400 LBJ Freeway, Suite	1500	Project Number:	23003-0002	Reporte	ed:
Dallas TX, 75240		Project Manager:	Ashley Giovengo	10/1/2025 9:0	05:07AM

SS06-1'

E509282-06

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2539128
Benzene	ND	0.0250	1	09/25/25	09/26/25	
Ethylbenzene	ND	0.0250	1	09/25/25	09/26/25	
Toluene	ND	0.0250	1	09/25/25	09/26/25	
o-Xylene	ND	0.0250	1	09/25/25	09/26/25	
p,m-Xylene	ND	0.0500	1	09/25/25	09/26/25	
Total Xylenes	ND	0.0250	1	09/25/25	09/26/25	
Surrogate: 4-Bromochlorobenzene-PID		111 %	70-130	09/25/25	09/26/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2539128
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/25/25	09/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.2 %	70-130	09/25/25	09/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2540002
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		103 %	61-141	09/29/25	09/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2539166
· · · · · · · · · · · · · · · · · · ·	ND	20.0		09/26/25	09/27/25	·



QC Summary Data

Matador Resources, LLC. Pinestraw CTB Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 Dallas TX, 75240 Project Manager: Ashley Giovengo 10/1/2025 9:05:07AM **Volatile Organics by EPA 8021B** Analyst: BA RPD Reporting Spike Source Rec Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2539128-BLK1) Prepared: 09/25/25 Analyzed: 09/25/25 ND 0.0250 ND Ethylbenzene 0.0250 ND Toluene 0.0250 ND 0.0250 o-Xylene ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 8.75 8.00 109 70-130 LCS (2539128-BS1) Prepared: 09/25/25 Analyzed: 09/25/25 4.34 5.00 86.8 70-130 0.0250 Benzene Ethylbenzene 4.36 0.0250 5.00 87.3 70-130 4.33 70-130 0.0250 5.00 86.7 Toluene 4.47 89.4 70-130 o-Xylene 0.0250 5.00 8.89 0.0500 10.0 88.9 70-130 p,m-Xylene 89.1 70-130 13.4 0.0250 15.0 Total Xylenes 112 70-130 8.00 Surrogate: 4-Bromochlorobenzene-PID 8.99

Matrix Spike (2539128-MS1)				Source:	E509275-	04	Prepared: 09/25/25 Analyzed: 09/25/25
Benzene	4.54	0.0250	5.00	ND	90.7	70-130	
Ethylbenzene	4.56	0.0250	5.00	ND	91.1	70-130	
Toluene	4.52	0.0250	5.00	ND	90.4	70-130	
o-Xylene	4.63	0.0250	5.00	ND	92.6	70-130	
p,m-Xylene	9.25	0.0500	10.0	ND	92.5	70-130	
Total Xylenes	13.9	0.0250	15.0	ND	92.6	70-130	
Surrogate: 4-Bromochlorobenzene-PID	8.84		8.00		110	70-130	

Matrix Spike Dup (2539128-MSD1)					Source: E509275-04			Prepared: 09/25/25 Analyzed: 09/25/25		
Benzene	4.20	0.0250	5.00	ND	84.1	70-130	7.61	27		
Ethylbenzene	4.25	0.0250	5.00	ND	85.0	70-130	6.95	26		
Toluene	4.20	0.0250	5.00	ND	84.0	70-130	7.32	20		
o-Xylene	4.32	0.0250	5.00	ND	86.4	70-130	7.00	25		
p,m-Xylene	8.64	0.0500	10.0	ND	86.4	70-130	6.85	23		
Total Xylenes	13.0	0.0250	15.0	ND	86.4	70-130	6.90	26		
Surrogate: 4-Bromochlorobenzene-PID	8 94		8.00		112	70-130				

QC Summary Data

Matador Resources, LLC.	Project Name:	Pinestraw CTB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/1/2025 9:05:07AM

Dallas TX, 75240		Project Manage	r: As	hley Gioveng	go			10/1	/2025 9:05:07AM
	Non	halogenated		Analyst: BA					
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2539128-BLK1)							Prepared: 0	9/25/25 Analy	zed: 09/25/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.08		8.00		88.5	70-130			
LCS (2539128-BS2)							Prepared: 0	9/25/25 Analy	zed: 09/25/25
Gasoline Range Organics (C6-C10)	50.5	20.0	50.0		101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.22		8.00		90.3	70-130			
Matrix Spike (2539128-MS2)				Source:	E509275-	04	Prepared: 0	9/25/25 Analy	zed: 09/25/25
Gasoline Range Organics (C6-C10)	46.8	20.0	50.0	ND	93.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.13		8.00		89.2	70-130			
Matrix Spike Dup (2539128-MSD2)				Source:	E509275-	04	Prepared: 0	9/25/25 Analy	zed: 09/25/25
Gasoline Range Organics (C6-C10)	42.2	20.0	50.0	ND	84.4	70-130	10.3	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.19		8.00		89.9	70-130			

QC Summary Data

Matador Resources, LLC.Project Name:Pinestraw CTBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo10/1/20259:05:07AM

,		, ,		, .	>-						
	Nonha	Nonhalogenated Organics by EPA 8015D - DRO/ORO							Analyst: NV		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2540002-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	46.5		50.0		93.1	61-141					
LCS (2540002-BS1)							Prepared: 09/29/25 Analyzed: 09/29/25				
Diesel Range Organics (C10-C28)	262	25.0	250		105	66-144					
Surrogate: n-Nonane	47.4		50.0		94.8	61-141					
Matrix Spike (2540002-MS1)				Source: E509281-01			Prepared: 09/29/25 Analyzed: 09/29/25				
Diesel Range Organics (C10-C28)	301	25.0	250	ND	120	56-156					
Surrogate: n-Nonane	52.4		50.0		105	61-141					
Matrix Spike Dup (2540002-MSD1)				Source:	Source: E509281-01			Prepared: 09/29/25 Analyzed: 09/29/25			
Diesel Range Organics (C10-C28)	285	25.0	250	ND	114	56-156	5.38	20			
Surrogate: n-Nonane	49.6		50.0		99.2	61-141					

Chloride

QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager	: 2	Pinestraw CTB 23003-0002 Ashley Gioveng	50				Reported: 10/1/2025 9:05:07AM	
Anions by EPA 300.0/9056A										
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes	
Blank (2539166-BLK1)							Prepared: 0	9/26/25 A	nalyzed: 09/27/25	
Chloride	ND	20.0								
LCS (2539166-BS1)							Prepared: 0	9/26/25 A	nalyzed: 09/27/25	
Chloride	253	20.0	250		101	90-110				
Matrix Spike (2539166-MS1)				Source:	Source: E509281-02			l: 09/26/25 Analyzed: 09/27/25		
Chloride	253	20.0	250	ND	101	80-120				
Matrix Spike Dup (2539166-MSD1)				Source:	Source: E509281-02			9/26/25 A	nalyzed: 09/27/25	

250

20.0

101

80-120

0.118

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.	Project Name:	Pinestraw CTB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/01/25 09:05

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.



	Clie	nt Inform	nation		Invo	oice Information				La	b Us	e Onl	ly			T	AT		State	
Client: N	Natador Proc	duction C	ompany		Company: Ens	olum LLC		Lab	WO	†		Job N	lum	ber	10	2D	3D St	MM b	CO UT	TX
Project N	lame: Pinest	raw CTB			Address: 3122	National Parks Hwy	,	_ E	500	NS	9	230	03	-000			×	×		
Project N	Aanager: Asl	hley Giov	engo		City, State, Zip:	Carlsbad NM, 8822	20													
	3122 Nation				Phone: 575-9	88-0055						Anal	ysis	and N	/lethoo	1		EF	A Progra	m
City, Stat	e, Zip: Carls	bad NM,	88220		Email: agiove	ngo@ensolum.com												SDWA	CWA	RCRA
Phone: 5	575-988-005	5			Miscellaneous:															
Email: a	giovengo@e	nsolum.c	om						15	5								Complian	e Y	or N
									by 8015	y 80.	н	0	0.0	×	s e			PWSID #		
				Sample Infor	mation				30 b	30 b	802	8260	e 300	T- 50	Met	N	¥	e e		
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field Filter	Lab Number	DRO/ORO	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	всрос	Samle Temp	Ren	narks
0928	ghainnts	Soil	1		SSOI -	0"		1								1		2.0		
1016			1		SS01-	1.		2								+		1.9		
0430					SS 02-	0,		3								+		0.9		
1020					SSUZ-	-1'		4								+		2.2		
0926					SS06-	-0'		5								+		1.8		
1011		1			5506-	-11		6								+		2.0		
-															+					
																H	H			
						@ensolum.com, ies imccauley@ensolu												um.com,		
I, (field sam	pler), attest to the	e validity and	dauthenticity	of this sample. I am aw	are that tampering with	or intentionally mislabeling	the sam	ple location	n, date	or time	e of co	llection	is cor	nsidered	fraud an	d may b	e grounds	for legal action.		
	:_Jenna Hinkle			Tay .		To a second second				Tarres .								10 - 41		
	ed by: (Signatur			Date	Time	Received by: (Signate	ire)	nea	ec	Date	10	1-25		Time	TIT			Samples re	,	ACTOR AND AND ADDRESS OF THE PARTY OF THE PA
	" thow			9/24/2025	7:00			0	. 0	_					700	_	-l ''	eservation r		
VVlic	ed by: (Signatur	Janz	rles	9-24-25	Time 400	Received by: (Signate Mariasa	all or		20			1-2		Time /4	00			ce the day the ceived pack	ed on ice	at a temp
M	ed by: (Signatur arlsssa s	Son,	zales	9-2425	Time 1920	Received by: (Strate		Mu	SS	Q C	7.2	4.2	5	Time	192	0		above 0 bu subse	less thar quent day	Confederer 1
Relinquish	ed by: (Signatur	(e) A A .	1110	Date	Time 7	Received by: (Signate	ure)	6	1	Date	-2	5-2	-	Time		-			Use Only	
Relinquish	ed by: (Signatur	re)		Q·LY·ZS Date	Time UGO	Received by: (Signate	ure)	-60	6	Date	0,	274	>	Time	600	,		1775.55	/ N	e:
Sample Mat	rix: S - Soil, Sd - S	olid, Sg - Slu	dge, A - Aque	ous, 0 - Other			Cont	ainer Ty	oe: g -	glass,	p - r	oly/p	lastic	c, ag -	amber	glass,	v - VOA			
					other arrangements a	ire made. Hazardous sai	_			-								for the analy	sis of the a	oove
						ability of the laboratory														

envirotech Inc.

Printed: 9/25/2025 9:22:29AM

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.	Date Received:	09/25/25 0	6:00	Work Order ID:	E509282
Phone:	(972) 371-5200	Date Logged In:	09/24/25 1	5:44	Logged In By:	Joslyn Meidinger
Email:	agiovengo@ensolum.com	Due Date:	10/01/25 1	7:00 (4 day TAT)		
Chain of	Custody (COC)					
			V			
	he sample ID match the COC? he number of samples per sampling site location ma	tch the COC	Yes			
	namples dropped off by client or carrier?	ien ine coc	Yes Yes	a : a :		
	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes	Carrier: <u>Courier</u>		
	ill samples received within holding time?	sied analyses.	Yes			
o. word	Note: Analysis, such as pH which should be conducted i i.e, 15 minute hold time, are not included in this disucssi	•	100		Comment	ts/Resolution
Sample 7	<u> Furn Around Time (TAT)</u>					
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (<u>Cooler</u>					
7. Was a	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	e sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If yes	, were custody/security seals intact?		NA			
	ne sample received on ice? Note: Thermal preservation is not required, if samples ar 15 minutes of sampling		Yes			
	COC for individual sample temps. Samples outside o	10°C-6°C Will be	recoraea 11	n comments.		
	Container		3. T			
	queous VOC samples present?		No NA			
	/OC samples collected in VOA Vials?					
	head space less than 6-8 mm (pea sized or less)?		NA NA			
	a trip blank (TB) included for VOC analyses?	0	NA			
	on-VOC samples collected in the correct containers		Yes			
	appropriate volume/weight or number of sample contai	ners collected?	Yes			
Field La	field sample labels filled out with the minimum info	·····ation.				
	ample ID?	offication.	Yes			
	Date/Time Collected?		Yes			
(Collectors name?		Yes			
Sample 1	<u>Preservation</u>					
21. Does	the COC or field labels indicate the samples were p	reserved?	No			
	ample(s) correctly preserved?		NA			
24. Is lab	filtration required and/or requested for dissolved m	etals?	No			
	ase Sample Matrix					
26. Does	the sample have more than one phase, i.e., multipha	se?	No			
27. If yes	, does the COC specify which phase(s) is to be analy	yzed?	NA			
Subcont	ract Laboratory					
28. Are s	amples required to get sent to a subcontract laborate	ry?	No			
29. Was a	a subcontract laboratory specified by the client and i	f so who?	NA	Subcontract Lab: NA		
Client I	<u>nstruction</u>					

Date

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

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: Pinestraw CTB

Work Order: E509292

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: Pinestraw CTB

Workorder: E509292

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: Pinestraw CTB.

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

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

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Michelle Gonzales

Client Representative

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Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SS03-0'	5
SS03-1'	6
SS04-0'	7
SS04-1'	8
SS05-0'	9
SS05-1'	10
QC Summary Data	11
QC - Volatile Organic Compounds by EPA 8260B	11
QC - Nonhalogenated Organics by EPA 8015D - GRO	12
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	13
QC - Anions by EPA 300.0/9056A	14
Definitions and Notes	15
Chain of Custody etc.	16

Sample Summary

Matador Resources, LLC.	Project Name:	Pinestraw CTB	Donoutoda
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/02/25 09:21

Client Sample ID	Lab Sample ID M	Aatrix	Sampled	Received	Container
SS03-0'	E509292-01A	Soil	09/24/25	09/26/25	Glass Jar, 2 oz.
SS03-1'	E509292-02A	Soil	09/24/25	09/26/25	Glass Jar, 2 oz.
SS04-0'	E509292-03A	Soil	09/24/25	09/26/25	Glass Jar, 2 oz.
SS04-1'	E509292-04A	Soil	09/24/25	09/26/25	Glass Jar, 2 oz.
SS05-0'	E509292-05A	Soil	09/24/25	09/26/25	Glass Jar, 2 oz.
SS05-1'	E509292-06A	Soil	09/24/25	09/26/25	Glass Jar, 2 oz.



Matador Resources, LLC.	Project Name:	Pinestraw CTB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/2/2025 9:21:47AM

SS03-0' E509292-01

Notes
Batch: 2539157
Batch: 2539157
Batch: 2540003
Batch: 2540013
5 5 5



Matador Resources, LLC.	Project Name:	Pinestraw CTB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/2/2025 9:21:47AM

SS03-1' E509292-02

		1007171 01					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
			Dili		•	rmaryzed	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:			Batch: 2539157
Benzene	ND	0.0250		1	09/26/25	09/26/25	
Ethylbenzene	ND	0.0250		1	09/26/25	09/26/25	
Toluene	ND	0.0250		1	09/26/25	09/26/25	
o-Xylene	ND	0.0250		1	09/26/25	09/26/25	
p,m-Xylene	ND	0.0500		1	09/26/25	09/26/25	
Total Xylenes	ND	0.0250		1	09/26/25	09/26/25	
Surrogate: Bromofluorobenzene		107 %	70-130		09/26/25	09/26/25	
Surrogate: 1,2-Dichloroethane-d4		89.6 %	70-130		09/26/25	09/26/25	
Surrogate: Toluene-d8		94.0 %	70-130		09/26/25	09/26/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2539157
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/26/25	09/26/25	
Surrogate: Bromofluorobenzene		107 %	70-130		09/26/25	09/26/25	
Surrogate: 1,2-Dichloroethane-d4		89.6 %	70-130		09/26/25	09/26/25	
Surrogate: Toluene-d8		94.0 %	70-130		09/26/25	09/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2540003
Diesel Range Organics (C10-C28)	ND	25.0		1	09/29/25	09/29/25	_
Oil Range Organics (C28-C36)	ND	50.0		1	09/29/25	09/29/25	
Surrogate: n-Nonane		108 %	61-141		09/29/25	09/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2540013
Chloride	ND	20.0		1	09/29/25	09/29/25	



Matador Resources, LLC.Project Name:Pinestraw CTB5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo10/2/20259:21:47AM

SS04-0' E509292-03

Reporting Analyte Limit Dilution Analyzed Result Prepared Notes Analyst: SL Batch: 2539157 mg/kg mg/kg **Volatile Organic Compounds by EPA 8260B** 09/26/25 ND 0.0250 09/26/25 Benzene 09/26/25 09/26/25 Ethylbenzene ND 0.0250 1 ND 0.0250 09/26/25 09/26/25 Toluene 1 09/26/25 09/26/25 o-Xylene ND 0.0250 09/26/25 09/26/25 ND 0.0500 1 p,m-Xylene 09/26/25 09/26/25 1 Total Xylenes ND 0.0250 09/26/25 09/26/25 Surrogate: Bromofluorobenzene 108 % 70-130 Surrogate: 1,2-Dichloroethane-d4 88.8 % 70-130 09/26/25 09/26/25 Surrogate: Toluene-d8 95.7% 70-130 09/26/25 09/26/25 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: SL Batch: 2539157 ND 1 09/26/25 09/26/25 20.0 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 108 % 09/26/25 09/26/25 70-130 09/26/25 Surrogate: 1,2-Dichloroethane-d4 88.8 % 70-130 09/26/25 Surrogate: Toluene-d8 09/26/25 09/26/25 95.7% 70-130 mg/kg Analyst: NV Batch: 2540003 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 09/30/25 ND 25.0 1 09/29/25 Diesel Range Organics (C10-C28) ND 50.0 1 09/29/25 09/30/25 Oil Range Organics (C28-C36) 104 % 61-141 09/29/25 09/30/25 Surrogate: n-Nonane Anions by EPA 300.0/9056A mg/kg mg/kg Analyst: DT Batch: 2540013

20.0

1

09/29/25

09/29/25

ND



Chloride

Matador Resources, LLC.	Project Name:	Pinestraw CTB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/2/2025 9:21:47AM

SS04-1' E509292-04

	_	Reporting	_				
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: S	SL		Batch: 2539157
Benzene	ND	0.0250	1	1	09/26/25	09/26/25	
Ethylbenzene	ND	0.0250	1	1	09/26/25	09/26/25	
Toluene	ND	0.0250	1	1	09/26/25	09/26/25	
o-Xylene	ND	0.0250	1	1	09/26/25	09/26/25	
p,m-Xylene	ND	0.0500	1	1	09/26/25	09/26/25	
Total Xylenes	ND	0.0250	1	1	09/26/25	09/26/25	
Surrogate: Bromofluorobenzene		106 %	70-130		09/26/25	09/26/25	
Surrogate: 1,2-Dichloroethane-d4		85.6 %	70-130		09/26/25	09/26/25	
Surrogate: Toluene-d8		93.9 %	70-130		09/26/25	09/26/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: S	SL		Batch: 2539157
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/26/25	09/26/25	
Surrogate: Bromofluorobenzene		106 %	70-130		09/26/25	09/26/25	
Surrogate: 1,2-Dichloroethane-d4		85.6 %	70-130		09/26/25	09/26/25	
Surrogate: Toluene-d8		93.9 %	70-130		09/26/25	09/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 1	NV		Batch: 2540003
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/29/25	09/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/29/25	09/30/25	
Surrogate: n-Nonane		108 %	61-141		09/29/25	09/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: 1	DT		Batch: 2540013
Chloride	ND	20.0	1	1	09/29/25	09/29/25	



Matador Resources, LLC.	Project Name:	Pinestraw CTB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/2/2025 9:21:47AM

SS05-0' E509292-05

		2007272 00					
Analyte	Result	Reporting Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: SL			Batch: 2539157
Benzene	ND	0.0250	1		09/26/25	09/26/25	
Ethylbenzene	ND	0.0250	1		09/26/25	09/26/25	
Toluene	ND	0.0250	1		09/26/25	09/26/25	
o-Xylene	ND	0.0250	1		09/26/25	09/26/25	
p,m-Xylene	ND	0.0500	1		09/26/25	09/26/25	
Total Xylenes	ND	0.0250	1	Į.	09/26/25	09/26/25	
Surrogate: Bromofluorobenzene		105 %	70-130		09/26/25	09/26/25	
Surrogate: 1,2-Dichloroethane-d4		85.4 %	70-130		09/26/25	09/26/25	
Surrogate: Toluene-d8		95.5 %	70-130		09/26/25	09/26/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: SL			Batch: 2539157
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	09/26/25	09/26/25	
Surrogate: Bromofluorobenzene		105 %	70-130		09/26/25	09/26/25	
Surrogate: 1,2-Dichloroethane-d4		85.4 %	70-130		09/26/25	09/26/25	
Surrogate: Toluene-d8		95.5 %	70-130		09/26/25	09/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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		103 %	61-141		09/29/25	09/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: DT			Batch: 2540013
Chloride	ND	20.0	1		09/29/25	09/29/25	
Chloride	ND	20.0	1		09/29/23	09/29/25	



Matador Resources, LLC.Project Name:Pinestraw CTB5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo10/2/2025 9:21:47AM

SS05-1'

E509292-06

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: S	SL		Batch: 2539157
Benzene	ND	0.0250	1		09/26/25	09/26/25	
Ethylbenzene	ND	0.0250	1		09/26/25	09/26/25	
Toluene	ND	0.0250	1		09/26/25	09/26/25	
o-Xylene	ND	0.0250	1		09/26/25	09/26/25	
p,m-Xylene	ND	0.0500	1		09/26/25	09/26/25	
Total Xylenes	ND	0.0250	1		09/26/25	09/26/25	
Surrogate: Bromofluorobenzene		103 %	70-130		09/26/25	09/26/25	
Surrogate: 1,2-Dichloroethane-d4		84.9 %	70-130		09/26/25	09/26/25	
Surrogate: Toluene-d8		97.4 %	70-130		09/26/25	09/26/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	٠	Analyst: S	SL		Batch: 2539157
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/26/25	09/26/25	
Surrogate: Bromofluorobenzene		103 %	70-130		09/26/25	09/26/25	
Surrogate: 1,2-Dichloroethane-d4		84.9 %	70-130		09/26/25	09/26/25	
Surrogate: Toluene-d8		97.4 %	70-130		09/26/25	09/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 1	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		103 %	61-141		09/29/25	09/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: I	DT		Batch: 2540013
		<u> </u>			09/29/25	09/29/25	



Matador Resources, LLC. Project Name: Pinestraw CTB

5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002

Dallas TX, 75240 Project Manager: Ashley Giovengo 10/2/2025 9:21:47AM

Dallas TX, 75240		Project Manage	r: As	shley Gioveng	go			10/2	2/2025 9:21:4/AN
	V	olatile Organ	ic Compo	unds by EI	PA 8260I	3			Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2539157-BLK1)							Prepared: 0	9/26/25 Analy	/zed: 09/26/25
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: Bromofluorobenzene	0.528		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.437		0.500		87.4	70-130			
Surrogate: Toluene-d8	0.483		0.500		96.5	70-130			
LCS (2539157-BS1)							Prepared: 0	9/26/25 Analy	zed: 09/26/25
Benzene	2.06	0.0250	2.50		82.3	70-130			
Ethylbenzene	2.28	0.0250	2.50		91.3	70-130			
Toluene	2.14	0.0250	2.50		85.4	70-130			
o-Xylene	2.21	0.0250	2.50		88.5	70-130			
p,m-Xylene	4.53	0.0500	5.00		90.6	70-130			
Total Xylenes	6.74	0.0250	7.50		89.9	70-130			
Surrogate: Bromofluorobenzene	0.537		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.459		0.500		91.8	70-130			
Surrogate: Toluene-d8	0.489		0.500		97.8	70-130			
Matrix Spike (2539157-MS1)				Source:	E509292-0	02	Prepared: 0	9/26/25 Analy	zed: 09/26/25
Benzene	2.31	0.0250	2.50	ND	92.3	48-131			
Ethylbenzene	2.55	0.0250	2.50	ND	102	45-135			
Toluene	2.36	0.0250	2.50	ND	94.4	48-130			
o-Xylene	2.50	0.0250	2.50	ND	99.8	43-135			
p,m-Xylene	5.12	0.0500	5.00	ND	102	43-135			
Total Xylenes	7.61	0.0250	7.50	ND	102	43-135			
Surrogate: Bromofluorobenzene	0.525		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.441		0.500		88.2	70-130			
Surrogate: Toluene-d8	0.473		0.500		94.6	70-130			
Matrix Spike Dup (2539157-MSD1)				Source:	E509292-0	02	Prepared: 0	9/26/25 Analy	zed: 09/26/25
Benzene	2.29	0.0250	2.50	ND	91.6	48-131	0.761	23	
Ethylbenzene	2.57	0.0250	2.50	ND	103	45-135	0.957	27	
Toluene	2.39	0.0250	2.50	ND	95.6	48-130	1.35	24	
o-Xylene	2.61	0.0250	2.50	ND	104	43-135	4.52	27	
p,m-Xylene	5.33	0.0500	5.00	ND	107	43-135	4.00	27	
Total Xylenes	7.94	0.0250	7.50	ND	106	43-135	4.17	27	
Surrogate: Bromofluorobenzene	0.528		0.500		106	70-130			



0.500

0.500

88.7

70-130

70-130

0.444

0.483

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

Pinestraw CTB Matador Resources, LLC. Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 10/2/2025 9:21:47AM Dallas TX, 75240 Project Manager: Ashley Giovengo

Nonhalogenated Organic	s by EPA 8015D - GRO
------------------------	----------------------

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

-	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2539157-BLK1)							Prepared: 09	9/26/25 An	alyzed: 09/26/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.528		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.437		0.500		87.4	70-130			
Surrogate: Toluene-d8	0.483		0.500		96.5	70-130			
LCS (2539157-BS2)							Prepared: 0	9/26/25 An	alyzed: 09/26/25
Gasoline Range Organics (C6-C10)	47.9	20.0	50.0		95.7	70-130		·	
Surrogate: Bromofluorobenzene	0.534		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.431		0.500		86.2	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.1	70-130			
Matrix Spike (2539157-MS2)				Source:	E509292-0	02	Prepared: 0	9/26/25 An	alyzed: 09/26/25
Gasoline Range Organics (C6-C10)	47.5	20.0	50.0	ND	95.0	70-130			
Surrogate: Bromofluorobenzene	0.535		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.466		0.500		93.2	70-130			
Surrogate: Toluene-d8	0.489		0.500		97.8	70-130			
Matrix Spike Dup (2539157-MSD2)				Source:	E509292-0	02	Prepared: 0	9/26/25 An	alyzed: 09/26/25
Gasoline Range Organics (C6-C10)	53.4	20.0	50.0	ND	107	70-130	11.6	20	
					100	70 120			
Surrogate: Bromofluorobenzene	0.541		0.500		108	70-130			
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4	0.541 0.449		0.500 0.500		108 89.7	70-130 70-130			



Matador Resources, LLC.Project Name:Pinestraw CTBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo10/2/20259:21:47AM

,		, ,		, .	,				
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2540003-BLK1)							Prepared: 0	9/29/25 Ana	alyzed: 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: 0	9/29/25 Ana	alyzed: 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:	E509292-0	02	Prepared: 0	9/29/25 Ana	alyzed: 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:	E509292-0	02	Prepared: 0	9/29/25 Ana	alyzed: 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			



Matrix Spike (2540013-MS1)

Matrix Spike Dup (2540013-MSD1)

Chloride

Chloride

254

254

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

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

20

QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500		Project Name: Project Number:	_	inestraw CTB 3003-0002					Reported:
Dallas TX, 75240		Project Manager:	A	Ashley Gioveng	go				10/2/2025 9:21:47AM
		Anions	by EPA	300.0/9056 <i>A</i>	4				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
Blank (2540013-BLK1)							Prepared: 0	9/29/25 Aı	nalyzed: 09/29/25
Chloride	ND	20.0							
LCS (2540013-BS1)							Prepared: 0	9/29/25 Aı	nalyzed: 09/29/25
Chloride	254	20.0	250		101	90-110			

250

250

20.0

20.0

Source: E509292-03

Source: E509292-03

102

102

80-120

80-120

0.0606

ND

ND

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

l	Matador Resources, LLC.	Project Name:	Pinestraw CTB	
l	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
l	Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/02/25 09:21

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.



Released to Imaging: 12/18/2025 3:04:30 PM

	Clier	nt Inform	nation		Invo	ice Information				L	ab Us	e Or	ily				TA	AT		State
Client: N	Natador Prod	luction C	ompany		Company: Enso	lum LLC		L	ab WO	#		Job	Num	ber		1D	2D	3D S	td NM	COUT
Project N	lame: Pine St	raw CTB	1		Address: 3122	National Parks Hwy	1	_ [500	729	12	23	203	·00	32	F.F.		×		
Project N	Manager: Ash	nley Giov	engo		City, State, Zip:	Carlsbad NM, 8822	20													
Address:	3122 Nation	nal Parks	Hwy		Phone: 575-98	8-0055						Ana	lysis	and	Met	hod		337	E	PA Progra
City, Stat	te, Zip: Carls	bad NM,	88220		Email: agiover	igo@ensolum.com													SDWA	CWA
	575-988-005				Miscellaneous:															
Email: a	giovengo@ei	nsolum.c	om						8015	8015									Complian	
									- A	by 8(121	09	0.00	7	tals				PWSID#	
				Sample Inf	ormation		1 .		080	NO.	y 80	/ 826	Je 3(- 500	3 Me		N.	ř	을 C	
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field	Lab Numb	DRO/ORO by	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX	Samle Temp	Ren
9:44	9/24/2025	Soil	1		SS03 - 0'			1									x		4.6	
9:47	9/24/2025	Soil	1		SS03 - 1'			2									X		4.0	
9:49	9/24/2025	Soil	1	7	SS04 - 0'			3									X		4.5	
9:51	9/24/2025	Soil	1		SS04 - 1'			4	Ц								X		3.8	
9:54	9/24/2025	Soil	1		SS05 - 0'			5	3								X		4.3	
9:56	9/24/2025	Soil	1		SS05 - 1'			6									Х		5.2	
																			1.21	
							-		4	-	-									
										-										
Addition	al Instruction	nc. Dla	350 CC: C	hurton@ensolu	m.com, agiovengo@	ensolum com ies	trella	@ens	olum ce	om c	hami	Iton	@en	solur	n co	m hr	moir	@ens	olum com	
20000000		1100	A. A. S. S. S.	77.7	aware that tampering with o	27.33.33.77.42.73.43.43.43														
	:_Israel Estrella ed by: (Signatur	e)		Date	Time	Received by: (Signatu	ıre)		0	Date				Time					Samples re	equiring t
	ed by: (Signatur	e)	0	9 25/1 Date	Time	l'ichelle	600	yr		Date	25			Time	711			1	preservation in ice the day the	
Relinquish	ed by: (Signatur	e)		9-15-25 Date	1810	Received by: (Signature) Received by: (Signature)	<u> </u>	Los	mer	Date	-25			Time	1330				received pack above 0 bu	
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Religiquish	A NY: Signatur	1/11/	MAO.	Date 9 25 7	1300 Time	Received by: (Signatu	ure)	no	3	Date	21	-	_	Time	110	2				Use Onl
Relinquish	ed by: (Signatur	e)		Date	Time	Received by: (Signatu	ure)	no		Date	20	d	2	Time	111		-31		5.77	ived on i

envirotech Inc.

Printed: 9/26/2025 8:28:32AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

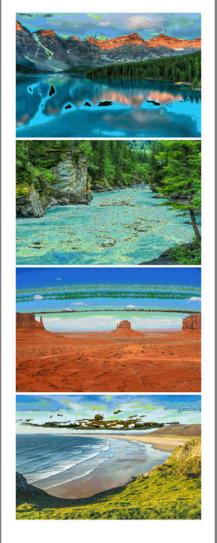
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Matador Resources, LLC.	Date Received:	09/26/25 (07:00		Work Order ID:	E509292	
Phone:	(972) 371-5200	Date Logged In:	09/25/25	14:35		Logged In By:	Caitlin Mars	
Email:	agiovengo@ensolum.com	Due Date:		17:00 (4 day	TAT)	887		
					·			
Chain of	Custody (COC)							
1. Does th	ne sample ID match the COC?		Yes					
2. Does th	ne number of samples per sampling site location mat	ch the COC	Yes					
3. Were s	amples dropped off by client or carrier?		Yes	Car	rier: Courier			
4. Was the	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes					
5. Were a	Il samples received within holding time?		Yes					
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion.					Comment	ts/Resolution	
Sample T	Turn Around Time (TAT)	л.						_
	COC indicate standard TAT, or Expedited TAT?		Yes					
Sample C			103					
	sample cooler received?		Yes					
	was cooler received in good condition?		Yes					
•	e sample(s) received intact, i.e., not broken?							
	custody/security seals present?		Yes					
	· · · ·		No					
•	, were custody/security seals intact?		NA					
12. Was th	e sample received on ice? Note: Thermal preservation is not required, if samples are 15 minutes of sampling	e received within	Yes					
13. See C	OC for individual sample temps. Samples outside of	f 0°C-6°C will be	recorded i	in commen	ts.			
Sample C	Container							
	queous VOC samples present?		No					
	OC 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 n	on-VOC samples collected in the correct containers'	?	Yes					
19. Is the	appropriate volume/weight or number of sample contain	ners collected?	Yes					
Field Lab	<u>oel</u>							
20. Were	field sample labels filled out with the minimum info	rmation:						
	ample ID?		Yes					
	ate/Time Collected?		Yes					_
	ollectors name?		Yes					
	<u>Preservation</u> the COC or field labels indicate the samples were pr	eserved?	No					
	ample(s) correctly preserved?	eserved:	NA					
	filtration required and/or requested for dissolved me	etals?	No					
	•		110					
•	se Sample Matrix the sample have more than one phase, i.e., multipha	na?	NI-					
	, does the COC specify which phase(s) is to be analy		No					
		/zeu:	NA					
	act Laboratory	_						
	amples required to get sent to a subcontract laborato	-	No					
29. Was a	subcontract laboratory specified by the client and if	so who?	NA	Subcontra	ct Lab: NA			
Client Ir	<u>nstruction</u>							
								1
								J

Date

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

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: Pinestraw CTB

Work Order: E509245

Job Number: 23003-0002

Received: 9/23/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/29/25

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: 9/29/25

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

Project Name: Pinestraw CTB

Workorder: E509245

Date Received: 9/23/2025 5:30:10AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/23/2025 5:30:10AM, under the Project Name: Pinestraw CTB.

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

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

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Client Representative

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mgonzales@envirotech-inc.com

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Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
BH01-0'	5
QC Summary Data	6
QC - Volatile Organics by EPA 8021B	6
QC - Nonhalogenated Organics by EPA 8015D - GRO	7
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	8
QC - Anions by EPA 300.0/9056A	9
Definitions and Notes	10
Chain of Custody etc.	11

Sample Summary

_			-	
ſ	Matador Resources, LLC.	Project Name:	Pinestraw CTB	Reported:
l	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reporteu:
l	Dallas TX, 75240	Project Manager:	Ashley Giovengo	09/29/25 14:04

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01-0'	E509245-01A	Soil	09/19/25	09/23/25	Glass Jar, 2 oz.



Matador Resources, LLC.	Project Name:	Pinestraw CTB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/29/2025 2:04:12PM

BH01-0' E509245-01

	E309243-01				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: SL		Batch: 2539066
ND	0.0250	1	09/23/25	09/26/25	
ND	0.0250	1	09/23/25	09/26/25	
ND	0.0250	1	09/23/25	09/26/25	
ND	0.0250	1	09/23/25	09/26/25	
ND	0.0500	1	09/23/25	09/26/25	
ND	0.0250	1	09/23/25	09/26/25	
	103 %	70-130	09/23/25	09/26/25	
mg/kg	mg/kg	Anal	Analyst: SL		Batch: 2539066
ND	20.0	1	09/23/25	09/26/25	
	88.3 %	70-130	09/23/25	09/26/25	
mg/kg	mg/kg	Anal	yst: HM		Batch: 2539122
47.4	25.0	1	09/25/25	09/26/25	
59.2	50.0	1	09/25/25	09/26/25	
	99.2 %	61-141	09/25/25	09/26/25	
mg/kg	mg/kg	Anal	yst: DT		Batch: 2539142
472	20.0	1	09/25/25	09/26/25	
	mg/kg ND ND ND ND ND ND ND ND ND The state of the state o	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 IO3 % mg/kg mg/kg mg/kg ND 20.0 88.3 % mg/kg mg/kg mg/kg 47.4 25.0 59.2 50.0 mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 MD 0.0250 1 Mg/kg mg/kg Anal ND 20.0 1 88.3 % 70-130 mg/kg mg/kg Anal 47.4 25.0 1 59.2 50.0 1 99.2 % 61-141 mg/kg mg/kg Anal	Reporting Result Limit Dilution Prepared mg/kg Analyst: SL ND 0.0250 1 09/23/25 ND 0.0250 1 09/23/25 ND 0.0250 1 09/23/25 ND 0.0500 1 09/23/25 ND 0.0250 1 09/23/25 ND 0.0250 1 09/23/25 mg/kg Malyst: SL ND 09/23/25 mg/kg Analyst: SL ND 09/23/25 mg/kg Mg/kg Analyst: HM 47.4 25.0 1 09/25/25 59.2 50.0 1 09/25/25 mg/kg Mg/kg Analyst: DT	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 09/23/25 09/26/25 ND 0.0250 1 09/23/25 09/26/25 ND 0.0250 1 09/23/25 09/26/25 ND 0.0500 1 09/23/25 09/26/25 ND 0.0250 1 09/23/25 09/26/25 ND 0.0250 1 09/23/25 09/26/25 mg/kg mg/kg Analyst: SL ND 20.0 1 09/23/25 09/26/25 mg/kg mg/kg Analyst: HM 47.4 25.0 1 09/25/25 09/26/25 59.2 50.0 1 09/25/25 09/26/25 mg/kg mg/kg Analyst: DT

Matador Resources, LLC. Pinestraw CTB Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 Dallas TX, 75240 Project Manager: Ashley Giovengo 9/29/2025 2:04:12PM **Volatile Organics by EPA 8021B** Analyst: SL RPD Reporting Spike Source Rec Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2539066-BLK1) Prepared: 09/23/25 Analyzed: 09/25/25 ND 0.0250 ND Ethylbenzene 0.0250 ND Toluene 0.0250 ND 0.0250 o-Xylene ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.74 8.00 96.8 70-130 LCS (2539066-BS1) Prepared: 09/23/25 Analyzed: 09/25/25 5.63 5.00 113 70-130 0.0250 Benzene Ethylbenzene 5.59 0.0250 5.00 112 70-130 112 70-130 5.60 0.0250 5.00 Toluene 5.53 111 70-130 o-Xylene 0.0250 5.00 11.3 10.0 113 70-130 0.0500 p,m-Xylene 112 70-130 16.8 0.0250 15.0 Total Xylenes 8.00 95.9 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.67 Matrix Spike (2539066-MS1) Source: E509239-09 Prepared: 09/23/25 Analyzed: 09/25/25

Matrix Spike Dup (2539066-MSD1)				Source:	E509239-	09	Prepared: 09/23/25 Analyzed: 09/25/25
Surrogate: 4-Bromochlorobenzene-PID	7.59		8.00		94.9	70-130	
Total Xylenes	16.1	0.0250	15.0	ND	107	70-130	
p,m-Xylene	10.8	0.0500	10.0	ND	108	70-130	
o-Xylene	5.27	0.0250	5.00	ND	105	70-130	
Toluene	5.34	0.0250	5.00	ND	107	70-130	
Ethylbenzene	5.34	0.0250	5.00	ND	107	70-130	
Benzene	5.37	0.0250	5.00	ND	107	70-130	

Matrix Spike Dup (2539066-MSD1)				Source:	Source: E509239-09			9/23/25 Analyzed: 09/25/25
Benzene	5.89	0.0250	5.00	ND	118	70-130	9.17	27
Ethylbenzene	5.85	0.0250	5.00	ND	117	70-130	9.06	26
Toluene	5.86	0.0250	5.00	ND	117	70-130	9.18	20
o-Xylene	5.77	0.0250	5.00	ND	115	70-130	8.93	25
p,m-Xylene	11.8	0.0500	10.0	ND	118	70-130	8.74	23
Total Xylenes	17.5	0.0250	15.0	ND	117	70-130	8.80	26
Surrogate: 4-Bromochlorobenzene-PID	7.51		8.00		93.8	70-130		

Matador Resources, LLC.Project Name:Pinestraw CTBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo9/29/20252:04:12PM

	Non		Analyst: SL						
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2539066-BLK1)							Prepared: 0	9/23/25 Analy	zed: 09/25/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.97		8.00		87.1	70-130			
LCS (2539066-BS2)							Prepared: 0	9/23/25 Analy	zed: 09/25/25
Gasoline Range Organics (C6-C10)	56.9	20.0	50.0		114	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.13		8.00		89.1	70-130			
Matrix Spike (2539066-MS2)				Source:	E509239-	09	Prepared: 0	9/23/25 Analy	zed: 09/25/25
Gasoline Range Organics (C6-C10)	59.6	20.0	50.0	ND	119	70-130			

Surrogate: 1-Chloro-4-fluorobenzene-FID	7.11		8.00		88.9	70-130			
Matrix Spike Dup (2539066-MSD2)				Source:	E509239-0	09	Prepared: 09	0/23/25 Analyzed: 09/25/25	
Gasoline Range Organics (C6-C10)	58.3	20.0	50.0	ND	117	70-130	2.17	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.18		8.00		89.8	70-130			

Matador Resources, LLC.Project Name:Pinestraw CTBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo9/29/20252:04:12PM

Dullus 171, 732 10		Troject Manage		iney Groveng	,,				
	Nonha	logenated Or		Analyst: HM					
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg %	%	%	%	Notes
Blank (2539122-BLK1)							Prepared: 0	9/25/25 Anal	yzed: 09/25/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.8		50.0		97.6	61-141			
LCS (2539122-BS1)							Prepared: 0	9/25/25 Anal	yzed: 09/25/25
Diesel Range Organics (C10-C28)	243	25.0	250		97.3	66-144			
Surrogate: n-Nonane	47.9		50.0		95.9	61-141			
Matrix Spike (2539122-MS1)				Source:	E509235-0	04	Prepared: 0	9/25/25 Anal	yzed: 09/25/25
Diesel Range Organics (C10-C28)	248	25.0	250	ND	99.1	56-156			
Surrogate: n-Nonane	48.8		50.0		97.6	61-141			
Matrix Spike Dup (2539122-MSD1)				Source:	E509235-0	04	Prepared: 0	9/25/25 Anal	yzed: 09/25/25
Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.8	56-156	0.239	20	
Surrogate: n-Nonane	48.8		50.0		97.6	61-141			

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500		Project Name: Project Number:		Pinestraw CTB 3003-0002					Reported:
Dallas TX, 75240		Project Manager	: A	Ashley Gioveng	go				9/29/2025 2:04:12PM
		Anions	by EPA	300.0/9056 <i>A</i>	1				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2539142-BLK1)							Prepared: 0	9/25/25 A	nalyzed: 09/26/25
Chloride	ND	20.0							
LCS (2539142-BS1)							Prepared: 0	9/25/25 A	nalyzed: 09/26/25
Chloride	258	20.0	250		103	90-110			
Matrix Spike (2539142-MS1)				Source:	E509242-0	04	Prepared: 0	9/25/25 A	nalyzed: 09/26/25
Chloride	268	40.0	250	ND	107	80-120			
Matrix Spike Dup (2539142-MSD1)				Source:	E509242-	04	Prepared: 0	9/25/25 A	nalyzed: 09/26/25
Chloride	267	40.0	250	ND	107	80-120	0.529	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.	Project Name:	Pinestraw CTB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	09/29/25 14:04

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.



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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 Inc.

Printed: 9/23/2025 10:58:02AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

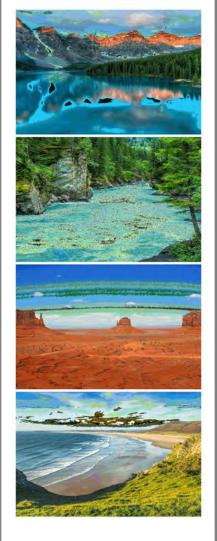
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Matador Resources, LLC.	Date Received:	09/23/25	05:30	Work Order ID:	E509245
Phone:	(972) 371-5200	Date Logged In:	09/23/25	07:38	Logged In By:	Noe Soto
Email:	agiovengo@ensolum.com	Due Date:	09/29/25	17:00 (4 day TAT)		
Chain of	Custody (COC)					
1. Does tl	ne sample ID match the COC?		Yes			
	ne number of samples per sampling site location ma	tch the COC	Yes			
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was th	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes			
5. Were a	Il samples received within holding time?		Yes			
	Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss				Comment	s/Resolution
Sample T	Furn Around Time (TAT)					
	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample C						
	sample cooler received?		Yes			
	was cooler received in good condition?		Yes			
9. Was th	e sample(s) received intact, i.e., not broken?		Yes			
	custody/security seals present?		No			
	, were custody/security seals intact?					
			NA			
12. was un	e sample received on ice? Note: Thermal preservation is not required, if samples a	re received within	Yes			
	15 minutes of sampling					
13. See C	OC for individual sample temps. Samples outside of	of 0°C-6°C will be	recorded	in comments.		
Sample (<u>Container</u>					
14. Are a	queous VOC samples present?		No			
15. Are V	OC 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 n	on-VOC samples collected in the correct containers	?	Yes			
19. Is the	appropriate volume/weight or number of sample conta	ners collected?	Yes			
Field Lal	<u>oel</u>					
20. Were	field sample labels filled out with the minimum inf	ormation:				
	ample ID?		Yes			
	ate/Time Collected?		Yes			
	ollectors name?		Yes			
_	<u>Preservation</u> the COC or field labels indicate the samples were p	recerved?	No			
	ample(s) correctly preserved?	reserveu?	NA NA			
	filtration required and/or requested for dissolved m	etale?	No			
		ctais:	NU			
	se Sample Matrix					
	the sample have more than one phase, i.e., multipha		No			
27. If yes	, does the COC specify which phase(s) is to be anal	yzed?	NA			
	act Laboratory					
	amples required to get sent to a subcontract laborate	-	No			
29. Was a	subcontract laboratory specified by the client and	f so who?	NA	Subcontract Lab: NA		
Client II	<u>nstruction</u>					

Date

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

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: Pinestraw CTB

Work Order: E509246

Job Number: 23003-0002

Received: 9/23/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/29/25

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: 9/29/25

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

Project Name: Pinestraw CTB

Workorder: E509246

Date Received: 9/23/2025 5:30:10AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/23/2025 5:30:10AM, under the Project Name: Pinestraw CTB.

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

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

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Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
BH01-0.5'	5
QC Summary Data	6
QC - Volatile Organics by EPA 8021B	6
QC - Nonhalogenated Organics by EPA 8015D - GRO	7
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	8
QC - Anions by EPA 300.0/9056A	9
Definitions and Notes	10
Chain of Custody etc.	11

Sample Summary

ſ	Matador Resources, LLC.	Project Name:	Pinestraw CTB	Donoutodi
l	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
l	Dallas TX, 75240	Project Manager:	Ashley Giovengo	09/29/25 14:06

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
BH01-0.5'	E509246-01A Soil	09/19/25	09/23/25	Glass Jar, 2 oz.



Sample Data

Matador Resources, LLC.	Project Name:	Pinestraw CTB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/29/2025 2:06:25PM

BH01-0.5' E509246-01

	E309240-01				
Popult			Proporad	Analyzad	Notes
Kesuit	Lillit	Dilution	Frepareu	Allalyzeu	Notes
mg/kg	mg/kg	Anal	yst: SL		Batch: 2539067
ND	0.0250	1	09/23/25	09/26/25	
ND	0.0250	1	09/23/25	09/26/25	
ND	0.0250	1	09/23/25	09/26/25	
ND	0.0250	1	09/23/25	09/26/25	
ND	0.0500	1	09/23/25	09/26/25	
ND	0.0250	1	09/23/25	09/26/25	
	96.3 %	70-130	09/23/25	09/26/25	
mg/kg	mg/kg	Anal	yst: SL		Batch: 2539067
ND	20.0	1	09/23/25	09/26/25	
	96.8 %	70-130	09/23/25	09/26/25	
mg/kg	mg/kg	Anal	yst: HM		Batch: 2539122
ND	25.0	1	09/25/25	09/26/25	
ND	50.0	1	09/25/25	09/26/25	
	97.0 %	61-141	09/25/25	09/26/25	
mg/kg	mg/kg	Anal	yst: DT		Batch: 2539142
30.8	20.0	1	09/25/25	09/26/25	
	ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 20.0250 96.3 % mg/kg MD 20.0 96.8 % mg/kg MD 25.0 ND 50.0 97.0 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 mg/kg mg/kg Anal ND 20.0 1 96.8 % 70-130 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 97.0 % 61-141 61-141 mg/kg mg/kg Anal	Reporting Result Limit Dilution Prepared mg/kg Malyst: SL ND 0.0250 1 09/23/25 ND 0.0250 1 09/23/25 ND 0.0250 1 09/23/25 ND 0.0250 1 09/23/25 ND 0.0500 1 09/23/25 ND 0.0250 1 09/23/25 mg/kg Malyst: SL ND 09/23/25 mg/kg Analyst: SL ND 09/23/25 mg/kg Analyst: HM ND 20.0 1 09/23/25 mg/kg mg/kg Analyst: HM ND 25.0 1 09/25/25 ND 50.0 1 09/25/25 09/25/25 09/25/25 mg/kg mg/kg Analyst: DT Analyst: DT	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 09/23/25 09/26/25 ND 0.0250 1 09/23/25 09/26/25 ND 0.0250 1 09/23/25 09/26/25 ND 0.0500 1 09/23/25 09/26/25 ND 0.0500 1 09/23/25 09/26/25 ND 0.0250 1 09/23/25 09/26/25 mg/kg mg/kg Analyst: SL ND 20.0 1 09/23/25 09/26/25 mg/kg mg/kg Analyst: HM ND 25.0 1 09/25/25 09/26/25 ND 50.0 1 09/25/25 09/26/25 ND 50.0 1 09/25/25 09/26/25 MD 50.0 1 09/25/25 09/26/25 MD 50.0 1 09/25/25

Matador Resources, LLC.	Project Name:	Pinestraw CTB	Reported:
5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Number: Project Manager:	23003-0002 Ashley Giovengo	9/29/2025 2:06:25PM
	Volatile Orga	nics by EPA 8021B	Analyst: SL

Dallas TX, 75240		Project Manager	: As	shley Gioveng	go			9/	29/2025 2:06:25PM
		Volatile C	rganics b			Analyst: SL			
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2539067-BLK1)							Prepared: 0	9/23/25 Ana	lyzed: 09/26/25
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	7.80		8.00		97.5	70-130			
LCS (2539067-BS1)							Prepared: 0	9/23/25 Ana	lyzed: 09/26/25
Benzene	5.42	0.0250	5.00		108	70-130			
Ethylbenzene	5.32	0.0250	5.00		106	70-130			
Toluene	5.39	0.0250	5.00		108	70-130			
o-Xylene	5.33	0.0250	5.00		107	70-130			
p,m-Xylene	10.8	0.0500	10.0		108	70-130			
Total Xylenes	16.1	0.0250	15.0		107	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.75		8.00		96.9	70-130			
Matrix Spike (2539067-MS1)				Source:	E509242-	02	Prepared: 0	9/23/25 Ana	lyzed: 09/26/25
Benzene	5.40	0.0250	5.00	ND	108	70-130			
Ethylbenzene	5.29	0.0250	5.00	ND	106	70-130			
Toluene	5.37	0.0250	5.00	ND	107	70-130			
o-Xylene	5.30	0.0250	5.00	ND	106	70-130			
p,m-Xylene	10.7	0.0500	10.0	ND	107	70-130			
Total Xylenes	16.0	0.0250	15.0	ND	107	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.84		8.00		98.0	70-130			
Matrix Spike Dup (2539067-MSD1)				Source:	E509242-	02	Prepared: 0	9/23/25 Ana	lyzed: 09/26/25
Benzene	5.58	0.0250	5.00	ND	112	70-130	3.25	27	
Ethylbenzene	5.50	0.0250	5.00	ND	110	70-130	3.87	26	
Toluene	5.55	0.0250	5.00	ND	111	70-130	3.44	20	
o-Xylene	5.51	0.0250	5.00	ND	110	70-130	3.87	25	
p,m-Xylene	11.1	0.0500	10.0	ND	111	70-130	3.93	23	
Total Xylenes	16.6	0.0250	15.0	ND	111	70-130	3.91	26	



70-130

Surrogate: 4-Bromochlorobenzene-PID

Matador Resources, LLC.	Project Name:	Pinestraw CTB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	•
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/29/2025 2:06:25PM

Dallas TX, 75240		Project Manage	r: As	hley Gioveng	go			9/29	0/2025 2:06:25PM	
	Nonhalogenated Organics by EPA 8015D - GRO									
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes	
Blank (2539067-BLK1)							Prepared: 0	9/23/25 Analy	zed: 09/26/25	
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.26		8.00		90.7	70-130				
LCS (2539067-BS2)							Prepared: 0	9/23/25 Analy	zed: 09/26/25	
Gasoline Range Organics (C6-C10)	45.4	20.0	50.0		90.9	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		8.00		95.8	70-130				
Matrix Spike (2539067-MS2)				Source:	E509242-	02	Prepared: 0	9/23/25 Analy	zed: 09/26/25	
Gasoline Range Organics (C6-C10)	46.3	20.0	50.0	ND	92.6	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.44		8.00		93.0	70-130				
Matrix Spike Dup (2539067-MSD2)				Source:	E509242-	02	Prepared: 0	9/23/25 Analy	zed: 09/26/25	
Gasoline Range Organics (C6-C10)	46.8	20.0	50.0	ND	93.6	70-130	1.06	20		
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.41		8.00		92.7	70-130				

Matador Resources, LLC.Project Name:Pinestraw CTBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo9/29/20252:06:25PM

Dallas 171, 732 10		Troject Manage		iney Groveng	-				
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: HM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2539122-BLK1)							Prepared: 0	9/25/25 Anal	yzed: 09/25/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.8		50.0		97.6	61-141			
LCS (2539122-BS1)							Prepared: 0	9/25/25 Anal	yzed: 09/25/25
Diesel Range Organics (C10-C28)	243	25.0	250		97.3	66-144			
Surrogate: n-Nonane	47.9		50.0		95.9	61-141			
Matrix Spike (2539122-MS1)				Source:	E509235-0	04	Prepared: 0	9/25/25 Anal	yzed: 09/25/25
Diesel Range Organics (C10-C28)	248	25.0	250	ND	99.1	56-156			
Surrogate: n-Nonane	48.8		50.0		97.6	61-141			
Matrix Spike Dup (2539122-MSD1)				Source:	E509235-0	04	Prepared: 0	9/25/25 Anal	yzed: 09/25/25
Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.8	56-156	0.239	20	
Surrogate: n-Nonane	48.8		50.0		97.6	61-141			

Matrix Spike Dup (2539142-MSD1)

Chloride

QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager	: 23	nestraw CTB 8003-0002 shley Gioveng	go				Reported: 9/29/2025 2:06:25PM
		Anions	by EPA 3	300.0/9056 <i>A</i>	\				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2539142-BLK1)							Prepared: 0	9/25/25 A	nalyzed: 09/26/25
Chloride	ND	20.0							
LCS (2539142-BS1)							Prepared: 0	9/25/25 A	nalyzed: 09/26/25
Chloride	258	20.0	250	·	103	90-110	·		
Matrix Spike (2539142-MS1)				Source:	E509242-	04	Prepared: 0	9/25/25 A	nalyzed: 09/26/25
Chloride	268	40.0	250	ND	107	80-120			

250

40.0

Source: E509242-04

107

80-120

0.529

QC Summary Report Comment:

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



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

20

Definitions and Notes

Matador Resources, LLC.	Project Name:	Pinestraw CTB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	09/29/25 14:06

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.



Page 79 of 135

	Clie	nt Inform	nation		Ir	voice Information					Lab	Use C	nly				TA	AT		State	
Client: I	Matador Prod	duction C	ompany		Company: E	nsolum LLC			ab \	NO#		Jol	Nun	nber		1D	2D	3D Std	NM	CO UT TX	
Project I	Name: Pinest	raw CTB				2 National Parks H			ES	09	240	6 2	300	3-0	002			x	х		
	Manager: As					o: Carlsbad NM, 88	3220	_													
	3122 Natio				Phone: 575			_		-	-	Ar	alysi	s and	Met	hod				A Program	
	te, Zip: Carls		88220			vengo@ensolum.co	om	_											SDWA	CWA RCF	A
	575-988-005 giovengo@e		om		Miscellaneous	:													Compliand	e Y or	N
Ciliali. a	giovengowe	1150Iuiii.c	JUIT							8015	8015				.9.				PWSID#	e i oi	14
•				Sample Inf	ormation					O by	O by	8021	300.	XT-2	Aeta		W	×			
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field	Lab		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021 VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX	Samle Temp	Remarks	
1335	alahors	Soil	1		B401-0	5'		1									+		1.2		
											+		+								
												-									_
				-						\exists			1								
												-	+	+							-
																					_
Additio	nal Instruction	ns: Ple	ase CC: cl	urton@ensolu	m.com, agioveng	@ensolum.com, i	estrella	@ensc	olun	n.com	, cha	milto	n@en	solu	m.cor	m, bı	moir	@ensolu	m.com,		
jhinkle@	Densolum.co	m, akon	e@ensolu	m.com, jgonza	les@ensolum.con	n, jmccauley@enso	ling the sa	m, epl	lugg ation,	e@er	time o	m.co	m, us	antill	lana@	ens	may b	n.com e grounds fo	legal action.		-
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envirotech Inc.

Printed: 9/23/2025 11:00:08AM

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.	Date Received:	09/23/25	05:30	Work Order ID:	E509246
Phone:	(972) 371-5200	Date Logged In:	09/23/25	07:40	Logged In By:	Noe Soto
Email:	agiovengo@ensolum.com	Due Date:	09/29/25	17:00 (4 day TAT)	-	
Chain of	Custody (COC)					
1. Does t	he sample ID match the COC?		Yes			
	he number of samples per sampling site location ma	tch the COC	Yes			
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was th	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes			
5. Were a	Ill samples received within holding time? Note: Analysis, such as pH which should be conducted	•	Yes		Common	s/Resolution
	i.e, 15 minute hold time, are not included in this disucss	ion.			Comment	<u>s/Resolution</u>
	Furn Around Time (TAT)		37			
	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (3.7			
	sample cooler received?		Yes			
•	was cooler received in good condition?		Yes			
	e sample(s) received intact, i.e., not broken?		Yes			
	custody/security seals present?		No			
11. If yes	, were custody/security seals intact?		NA			
12. Was th	ne sample received on ice?		Yes			
	Note: Thermal preservation is not required, if samples a 15 minutes of sampling					
13. See C	COC for individual sample temps. Samples outside of	of 0°C-6°C will be	recorded	in comments.		
	<u>Container</u>					
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers		Yes			
19. Is the	appropriate volume/weight or number of sample conta	iners collected?	Yes			
Field La	<u>bel</u>					
	field sample labels filled out with the minimum inf	ormation:				
	ample ID? Date/Time Collected?		Yes			
	Collectors name?		Yes			
	Preservation		Yes			
_	the COC or field labels indicate the samples were p	reserved?	No			
	ample(s) correctly preserved?		NA			
	filtration required and/or requested for dissolved m	netals?	No			
			110			
	ase Sample Matrix the sample have more than one phase, i.e., multiphates	202	N.T.			
	s, does the COC specify which phase(s) is to be ana		No			
27. II yes	s, does the COC specify which phase(s) is to be anal	iyzeu?	NA			
	ract Laboratory					
	amples required to get sent to a subcontract laborate	-	No			
29. Was a	a subcontract laboratory specified by the client and	if so who?	NA	Subcontract Lab: NA		
Client I	<u>nstruction</u>					

Date

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

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: Pinestraw CTB

Work Order: E509248

Job Number: 23003-0002

Received: 9/23/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/29/25

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: 9/29/25

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

Project Name: Pinestraw CTB

Workorder: E509248

Date Received: 9/23/2025 5:30:10AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/23/2025 5:30:10AM, under the Project Name: Pinestraw CTB.

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

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com



Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
BH02-0'	5
QC Summary Data	6
QC - Volatile Organics by EPA 8021B	6
QC - Nonhalogenated Organics by EPA 8015D - GRO	7
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	8
QC - Anions by EPA 300.0/9056A	9
Definitions and Notes	10
Chain of Custody etc.	11

Sample Summary

_			-	
ſ	Matador Resources, LLC.	Project Name:	Pinestraw CTB	Reported:
١	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Keporteu.
l	Dallas TX, 75240	Project Manager:	Ashley Giovengo	09/29/25 14:08

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH02-0'	E509248-01A	Soil	09/19/25	09/23/25	Glass Jar, 2 oz.



Sample Data

Matador Resources, LLC.	Project Name:	Pinestraw CTB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/29/2025 2:08:38PM

BH02-0' E509248-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2539067
Benzene	ND	0.0250	1	09/23/25	09/26/25	_
Ethylbenzene	ND	0.0250	1	09/23/25	09/26/25	
Toluene	ND	0.0250	1	09/23/25	09/26/25	
o-Xylene	ND	0.0250	1	09/23/25	09/26/25	
p,m-Xylene	ND	0.0500	1	09/23/25	09/26/25	
Total Xylenes	ND	0.0250	1	09/23/25	09/26/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	09/23/25	09/26/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2539067
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/23/25	09/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.4 %	70-130	09/23/25	09/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: HM		Batch: 2539122
Diesel Range Organics (C10-C28)	3920	50.0	2	09/25/25	09/26/25	
Oil Range Organics (C28-C36)	4400	100	2	09/25/25	09/26/25	
Surrogate: n-Nonane		95.1 %	61-141	09/25/25	09/26/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2539142
Chloride	34.2	20.0	1	09/25/25	09/26/25	

Matador Resources, LLC. Pinestraw CTB Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 Dallas TX, 75240 Project Manager: Ashley Giovengo 9/29/2025 2:08:38PM **Volatile Organics by EPA 8021B** Analyst: SL RPD Reporting Spike Source Rec Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2539067-BLK1) Prepared: 09/23/25 Analyzed: 09/26/25 ND 0.0250 ND Ethylbenzene 0.0250 ND Toluene 0.0250 ND 0.0250 o-Xylene ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.80 8.00 97.5 70-130 LCS (2539067-BS1) Prepared: 09/23/25 Analyzed: 09/26/25 5.42 5.00 108 70-130 0.0250 Benzene Ethylbenzene 5.32 0.0250 5.00 106 70-130 70-130 Toluene 5.39 0.0250 5.00 108 5.33 107 70-130 o-Xylene 0.0250 5.00 10.8 0.0500 10.0 108 70-130 p,m-Xylene 107 70-130 16.1 0.0250 15.0 Total Xylenes 7.75 8.00 96.9 70-130 Surrogate: 4-Bromochlorobenzene-PID Matrix Spike (2539067-MS1) Source: E509242-02 Prepared: 09/23/25 Analyzed: 09/26/25

- · ·							•	
Benzene	5.40	0.0250	5.00	ND	108	70-130		
Ethylbenzene	5.29	0.0250	5.00	ND	106	70-130		
Toluene	5.37	0.0250	5.00	ND	107	70-130		
o-Xylene	5.30	0.0250	5.00	ND	106	70-130		
p,m-Xylene	10.7	0.0500	10.0	ND	107	70-130		
Total Xylenes	16.0	0.0250	15.0	ND	107	70-130		
Surrogate: 4-Bromochlorobenzene-PID	7.84		8.00		98.0	70-130		

Matrix Spike Dup (2539067-MSD1)					Source: E509242-02			9/23/25 Analyzed: 09/26/25
Benzene	5.58	0.0250	5.00	ND	112	70-130	3.25	27
Ethylbenzene	5.50	0.0250	5.00	ND	110	70-130	3.87	26
Toluene	5.55	0.0250	5.00	ND	111	70-130	3.44	20
o-Xylene	5.51	0.0250	5.00	ND	110	70-130	3.87	25
p,m-Xylene	11.1	0.0500	10.0	ND	111	70-130	3.93	23
Total Xylenes	16.6	0.0250	15.0	ND	111	70-130	3.91	26
Surrogate: 4-Bromochlorobenzene-PID	8.03		8.00		100	70-130		



Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Matador Resources, LLC.Project Name:Pinestraw CTBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo9/29/20252:08:38PM

Dallas TX, 75240		Project Manage	r: As	shley Gioveng	go			9/2	29/2025 2:08:38PM	
Nonhalogenated Organics by EPA 8015D - GRO Analyst: SL										
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes	
Blank (2539067-BLK1)							Prepared: 0	9/23/25 Ana	lyzed: 09/26/25	
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.26		8.00		90.7	70-130				
LCS (2539067-BS2)							Prepared: 0	9/23/25 Ana	lyzed: 09/26/25	
Gasoline Range Organics (C6-C10)	45.4	20.0	50.0		90.9	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		8.00		95.8	70-130				
Matrix Spike (2539067-MS2)				Source:	E509242-	02	Prepared: 0	9/23/25 Ana	lyzed: 09/26/25	
Gasoline Range Organics (C6-C10)	46.3	20.0	50.0	ND	92.6	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.44		8.00		93.0	70-130				
Matrix Spike Dup (2539067-MSD2)				Source:	E509242-	02	Prepared: 0	9/23/25 Ana	lyzed: 09/26/25	
Gasoline Range Organics (C6-C10)	46.8	20.0	50.0	ND	93.6	70-130	1.06	20		

8.00

7.41

92.7

70-130

Matador Resources, LLC.	Project Name:	Pinestraw CTB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/29/2025 2:08:38PM

Dallas 1X, /5240		Project Manager	r: As	niey Gioveng	30				9/29/2025 2:08:38PN
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	ORO/			Analyst: HM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2539122-BLK1)							Prepared: 0	9/25/25	Analyzed: 09/25/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	48.8		50.0		97.6	61-141			
LCS (2539122-BS1)							Prepared: 0	9/25/25	Analyzed: 09/25/25
Diesel Range Organics (C10-C28)	243	25.0	250		97.3	66-144			
urrogate: n-Nonane	47.9		50.0		95.9	61-141			
Matrix Spike (2539122-MS1)				Source:	E509235-0	04	Prepared: 0	9/25/25	Analyzed: 09/25/25
Diesel Range Organics (C10-C28)	248	25.0	250	ND	99.1	56-156			
urrogate: n-Nonane	48.8		50.0		97.6	61-141			
Matrix Spike Dup (2539122-MSD1)				Source:	E509235-0	04	Prepared: 0	9/25/25	Analyzed: 09/25/25
Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.8	56-156	0.239	20	
urrogate: n-Nonane	48.8		50.0		97.6	61-141			

Chloride

QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager:	23	nestraw CTB 3003-0002 shley Gioveng	50				Reported: 9/29/2025 2:08:38PM
		Anions	by EPA 3	300.0/9056 <i>A</i>	\				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2539142-BLK1)							Prepared: 0	9/25/25 A	nalyzed: 09/26/25
Chloride	ND	20.0							
LCS (2539142-BS1)							Prepared: 0	9/25/25 A	nalyzed: 09/26/25
Chloride	258	20.0	250		103	90-110			
Matrix Spike (2539142-MS1)				Source:	E509242-	04	Prepared: 0	nalyzed: 09/26/25	
Chloride	268	40.0	250	ND	107	80-120			
Matrix Spike Dup (2539142-MSD1)				Source:	E509242-	04	Prepared: 0	9/25/25 A	nalyzed: 09/26/25

250

40.0

80-120

0.529

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.	Project Name:	Pinestraw CTB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	09/29/25 14:08

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.



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				D: 10/21/

Page 91 of 135

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	: 3122 Nation					ne: 575-988-0055						Ana	lysis	and	Meth	nod			EP	A Progr	am
	te, Zip: Carls		88220			ngo@ensolum.com			1										SDWA	CWA	RCRA
	575-988-005 giovengo@e		om	-	Miscellaneous:				11/2	122									Compliano	e I y	or N
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				Sample Inf	formation				RO by	RO by	/ 802	8260	e 300	05 - T)	Meta		MN	ř	e d		
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field	Lab Numbe	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX	Samle Temp	Rei	marks
1427	9/14/2025	Soil	1		BH02-0'			1									+		1.7		
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Joni	ed by: (Signatur	u		9/2/2025	7:00	Received by: (Signatu	00	nza	leç	Pate 9	-11	2	S	Time	70	0		pre	Samples re eservation n	nust be r	eceived o
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Relinquish	elinquished by: (Signature)			Time Received by: (Signature)			/			9-23-2 Date		Time			, ,				D/ N		

Printed: 9/23/2025 11:13:54AM

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.

Phone: (972)371-5200 Due Longard In 962/1250 0745 Logged In By: Non Son Son Son Son Son Son Son Son Son S	Client:	Matador Resources, LLC.	Date Received:	09/23/25	05:30	Work Order ID:	E509248
Email: a giovengo/ejeanolum.com. Due Dué: 093925 17:00 (d day TAT) L Does the sample ID match the COC? 7es	Phone:	(972) 371-5200	Date Logged In:	09/23/25	07:45	Logged In By:	Noe Soto
1. Does the sample ID match the COC? 2. Does the number of samples per sampling site location match the COC 3. Does the number of samples per sampling site location match the COC 3. Were samples dropped off by elient to carrier? 4. Was the COC complete, i.e., signatures, datestrimes, requested analyses? 5. Were all samples received within holding time? 5. Note: Analysis, such as pH which should be conducted in the field, i.e. 15 minus hold time, are not included in this discussion. 5. Sample Turn Around Time (TAT) 6. Sample Turn Around Time (TAT) 7. Was a sample cooler received? 7. Was a sample cooler received? 8. If yes, was cooler received in good condition? 9. Was the sample(s) received intuct, i.e., not broken? 9. Was the sample(s) received intuct, i.e., not broken? 10. Were custody/security seals present? 10. Were custody/security seals present? 11. If yes, were custody/security seals intel? 12. Was the sample received in is not required, if samples are received within 1 1 required from the company of the per content of analysis	Email:	agiovengo@ensolum.com	Due Date:	09/29/25	17:00 (4 day TAT)		
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29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA							
			•				
Client Instruction	29. Was a	a subcontract laboratory specified by the client and	if so who?	NA	Subcontract Lab: NA		
	Client I	<u>nstruction</u>					
	_						

Date

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

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: Pinestraw CTB

Work Order: E509249

Job Number: 23003-0002

Received: 9/23/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/29/25

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: 9/29/25

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

Project Name: Pinestraw CTB

Workorder: E509249

Date Received: 9/23/2025 5:30:10AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/23/2025 5:30:10AM, under the Project Name: Pinestraw CTB.

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

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

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

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

Respectfully,

Walter Hinchman

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

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Raina Schwanz

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Client Representative

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mgonzales@envirotech-inc.com

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Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
BH02-0.5'	5
QC Summary Data	6
QC - Volatile Organics by EPA 8021B	6
QC - Nonhalogenated Organics by EPA 8015D - GRO	7
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	8
QC - Anions by EPA 300.0/9056A	9
Definitions and Notes	10
Chain of Custody etc.	11

Sample Summary

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Γ	Matador Resources, LLC.	Project Name:	Pinestraw CTB	Reported:
l	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reporteu:
l	Dallas TX, 75240	Project Manager:	Ashley Giovengo	09/29/25 14:39

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH02-0.5'	E509249-01A	Soil	09/19/25	09/23/25	Glass Jar, 2 oz.



Sample Data

Matador Resources, LLC.	Project Name:	Pinestraw CTB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/29/2025 2:39:14PM

BH02-0.5' E509249-01

		2007217 01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2539067
Benzene	ND	0.0250	1	09/23/25	09/26/25	
Ethylbenzene	ND	0.0250	1	09/23/25	09/26/25	
Toluene	ND	0.0250	1	09/23/25	09/26/25	
o-Xylene	ND	0.0250	1	09/23/25	09/26/25	
p,m-Xylene	ND	0.0500	1	09/23/25	09/26/25	
Total Xylenes	ND	0.0250	1	09/23/25	09/26/25	
Surrogate: 4-Bromochlorobenzene-PID		97.6 %	70-130	09/23/25	09/26/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2539067
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/23/25	09/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.6 %	70-130	09/23/25	09/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: HM		Batch: 2539122
Diesel Range Organics (C10-C28)	105	25.0	1	09/25/25	09/29/25	
Oil Range Organics (C28-C36)	86.0	50.0	1	09/25/25	09/29/25	
Surrogate: n-Nonane		95.4 %	61-141	09/25/25	09/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2539142
Chloride	25.9	20.0	1	09/25/25	09/26/25	



Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

QC Summary Data

Pinestraw CTB Matador Resources, LLC. Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 Dallas TX, 75240 Project Manager: Ashley Giovengo 9/29/2025 2:39:14PM **Volatile Organics by EPA 8021B** Analyst: SL Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2539067-BLK1) Prepared: 09/23/25 Analyzed: 09/26/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND 0.0250 o-Xylene ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.80 8.00 97.5 70-130 LCS (2539067-BS1) Prepared: 09/23/25 Analyzed: 09/26/25 5.42 5.00 108 70-130 0.0250 Benzene Ethylbenzene 5.32 0.0250 5.00 106 70-130 70-130 5.39 0.0250 5.00 108 Toluene 5.33 107 70-130 o-Xylene 0.0250 5.00 10.8 10.0 108 70-130 0.0500 p.m-Xvlene 107 70-130 16.1 0.0250 15.0 Total Xylenes 8.00 96.9 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.75 Source: E509242-02 Matrix Spike (2539067-MS1) Prepared: 09/23/25 Analyzed: 09/26/25 Benzene 5.40 0.0250 5.00 ND 70-130 70-130 ND

Total Xylenes	16.0	0.0250	15.0	ND	107	70-130				
Surrogate: 4-Bromochlorobenzene-PID	7.84		8.00		98.0	70-130				
Matrix Spike Dup (2539067-MSD1)				Source:	E509242-	02	Prepared: 0	9/23/25 A	Analyzed: 09/26/25	
Benzene	5.58	0.0250	5.00	ND	112	70-130	3.25	27		
Ethylbenzene	5.50	0.0250	5.00	ND	110	70-130	3.87	26		
Toluene	5.55	0.0250	5.00	ND	111	70-130	3.44	20		
o-Xylene	5.51	0.0250	5.00	ND	110	70-130	3.87	25		
p,m-Xylene	11.1	0.0500	10.0	ND	111	70-130	3.93	23		
Total Xylenes	16.6	0.0250	15.0	ND	111	70-130	3.91	26		
Surrogate: 4-Bromochlorobenzene-PID	8.03		8.00		100	70-130				

5.00

5.00

5.00

10.0

106

107

106

107

70-130

70-130

70-130

ND

ND

ND

5.29

5.37

5.30

10.7

0.0250

0.0250

0.0250

0.0500

Matrix Spike Dup (2539067-MSD2)

46.8

7.41

20.0

Gasoline Range Organics (C6-C10)

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Matador Resources, LLC.Project Name:Pinestraw CTBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo9/29/20252:39:14PM

	Nor	Analyst: SL							
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2539067-BLK1)							Prepared: 0	9/23/25 Anal	yzed: 09/26/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.26		8.00		90.7	70-130			
LCS (2539067-BS2)							Prepared: 0	9/23/25 Anal	yzed: 09/26/25
Gasoline Range Organics (C6-C10)	45.4	20.0	50.0		90.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		8.00		95.8	70-130			
Matrix Spike (2539067-MS2)				Source:	E509242-0	02	Prepared: 0	9/23/25 Anal	yzed: 09/26/25
Gasoline Range Organics (C6-C10)	46.3	20.0	50.0	ND	92.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.44		8.00		93.0	70-130			

50.0

8.00

Source: E509242-02

93.6

92.7

ND

Prepared: 09/23/25 Analyzed: 09/26/25

20

1.06

70-130

70-130

Matador Resources, LLC.	Project Name:	Pinestraw CTB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	•
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/29/2025 2:39:14PM

Dallas TX, 75240		Project Manager	r: As	hley Gioveng	go				9/29/2025 2:39:14PN
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: HM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2539122-BLK1)							Prepared: 0	9/25/25 Aı	nalyzed: 09/25/25
Diesel Range Organics (C10-C28)	ND	25.0							
il Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	48.8		50.0		97.6	61-141			
LCS (2539122-BS1)							Prepared: 0	9/25/25 Aı	nalyzed: 09/25/25
Diesel Range Organics (C10-C28)	243	25.0	250		97.3	66-144			
urrogate: n-Nonane	47.9		50.0		95.9	61-141			
Matrix Spike (2539122-MS1)				Source:	E509235-0	04	Prepared: 0	9/25/25 Aı	nalyzed: 09/25/25
Diesel Range Organics (C10-C28)	248	25.0	250	ND	99.1	56-156			
urrogate: n-Nonane	48.8		50.0		97.6	61-141			
Matrix Spike Dup (2539122-MSD1)				Source:	E509235-0	04	Prepared: 0	9/25/25 Aı	nalyzed: 09/25/25
Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.8	56-156	0.239	20	
urrogate: n-Nonane	48.8		50.0		97.6	61-141			

Chloride

QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500		Project Name: Project Number:		Pinestraw CTB 23003-0002					Reported:
Dallas TX, 75240		Project Manager:		Ashley Giovengo)				9/29/2025 2:39:14PM
		Anions	by EPA	300.0/9056A					Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2539142-BLK1)							Prepared: 0	9/25/25 <i>P</i>	Analyzed: 09/26/25
Chloride	ND	20.0							
LCS (2539142-BS1)							Prepared: 0	9/25/25 A	Analyzed: 09/26/25
Chloride	258	20.0	250		103	90-110			
Matrix Spike (2539142-MS1)				Source: I	E509242-	04	Prepared: 0	9/25/25 A	Analyzed: 09/26/25
Chloride	268	40.0	250	ND	107	80-120			
Matrix Spike Dup (2539142-MSD1)				Source: I	E509242-	04	Prepared: 0	9/25/25 A	Analyzed: 09/26/25

250

40.0

107

80-120

0.529

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.	Project Name:	Pinestraw CTB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	09/29/25 14:39

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.



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Client: N		nt Inform	ation		ln'	voice Information				L	ab Us	e On	ly				TAT			State	e
	Client: Matador Production Company			Company: Ensolum LLC Lab			Lab WO# Job Number 1D 2D ESO 9 249 23003-0002						3D	Std	NM	CO UT	UT TX				
	lame: Pinestr					2 National Parks H	_	E	50	920	19	230	503	-00	ી જ			х	x		
	Manager: Ash					: Carlsbad NM, 88	3220	_							- 4			EDA D			
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 Miscellaneous:			Analysis and Met						ivietno	inod			SDWA CWA RCRA					
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				Sample Info	rmation				2 6	ROB	/ 802	826	e 300	T- 50	Met	N.	×		le p		
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field	Lab Numbe	er 	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	MGDOC - TX		Samle Temp	Ren	narks
1430	analzors	Soil	1		BHOZ- (),5'		1								1	-		1.7		
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Addition	al Instructio	ns: Plea	ase CC: cb	ı urton@ensolun	n.com, agiovengo	@ensolum.com, i	estrella	@ensol	lum.c	com, c	hami	lton(@ens	olun	n.com	, bmo	ir@ens	olum.	.com,		
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Relinquish	ed by: (Signatur	e) 0		Date 01 -22 - 25	Time	Andr	ew	Mu	uss	Date	9.	77.	26	Time	19	00			ove 0 but	less than	6°C on
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Printed: 9/23/2025 11:21:21AM

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.	Date Received:	09/23/25 0	5:30	Work Order ID:	E509249
Phone:	(972) 371-5200	Date Logged In:	09/23/25 0	7:46	Logged In By:	Noe Soto
Email:	agiovengo@ensolum.com	Due Date:	09/29/25 1	7:00 (4 day TAT)		
Chain of	Custody (COC)					
1. Does th	he sample ID match the COC?		Yes			
2. Does th	he number of samples per sampling site location ma	atch the COC	Yes			
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was th	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes			
5. Were a	Ill samples received within holding time? Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss		Yes		Comment	ts/Resolution
Sample T	Furn Around Time (TAT)					
	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (<u>Cooler</u>					
7. Was a	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	e sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
	, were custody/security seals intact?		NA			
-	ne sample received on ice?					
	Note: Thermal preservation is not required, if samples a 15 minutes of sampling		Yes			
	COC for individual sample temps. Samples outside	of 0°C-6°C will be	recoraea ir	1 comments.		
	Container					
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct container		Yes			
19. Is the	appropriate volume/weight or number of sample conta	iners collected?	Yes			
Field Lal						
	field sample labels filled out with the minimum int	formation:	3.7			
	ample ID? Date/Time Collected?		Yes			
	Collectors name?		Yes			
	Preservation		Yes			
	the COC or field labels indicate the samples were	reserved?	No			
	ample(s) correctly preserved?	oreserved.	NA			
	filtration required and/or requested for dissolved n	netals?	No			
	ase Sample Matrix		110			
	the sample have more than one phase, i.e., multiph	9	3.7			
	s, does the COC specify which phase(s) is to be ana		No			
•		iyzed?	NA			
	ract Laboratory					
	amples required to get sent to a subcontract laborat	•	No			
29. Was a	a subcontract laboratory specified by the client and	if so who?	NA	Subcontract Lab: NA		
Client I	<u>nstruction</u>					

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: Pinestraw CTB

Work Order: E509250

Job Number: 23003-0002

Received: 9/23/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/29/25

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: 9/29/25

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

Project Name: Pinestraw CTB

Workorder: E509250

Date Received: 9/23/2025 5:30:10AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/23/2025 5:30:10AM, under the Project Name: Pinestraw CTB.

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

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

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Lynn Jarboe

Laboratory Technical Representative Office: 505-421-LABS(5227)

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ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

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Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
BH02-1'	5
QC Summary Data	6
QC - Volatile Organics by EPA 8021B	6
QC - Nonhalogenated Organics by EPA 8015D - GRO	7
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	8
QC - Anions by EPA 300.0/9056A	9
Definitions and Notes	10
Chain of Custody etc.	11

Sample Summary

ſ	Matador Resources, LLC.	Project Name:	Pinestraw CTB	Donoutoda
l	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
l	Dallas TX, 75240	Project Manager:	Ashley Giovengo	09/29/25 13:22

Client Sample ID	Lab Sample ID M	Iatrix	Sampled	Received	Container
BH02-1'	E509250-01A	Soil	09/19/25	09/23/25	Glass Jar, 2 oz.



Sample Data

Matador Resources, LLC.	Project Name:	Pinestraw CTB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/29/2025 1:22:15PM

BH02-1' E509250-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2539067
Benzene	ND	0.0250	1	09/23/25	09/26/25	
Ethylbenzene	ND	0.0250	1	09/23/25	09/26/25	
Toluene	ND	0.0250	1	09/23/25	09/26/25	
o-Xylene	ND	0.0250	1	09/23/25	09/26/25	
p,m-Xylene	ND	0.0500	1	09/23/25	09/26/25	
Total Xylenes	ND	0.0250	1	09/23/25	09/26/25	
Surrogate: 4-Bromochlorobenzene-PID		98.5 %	70-130	09/23/25	09/26/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2539067
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/23/25	09/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.9 %	70-130	09/23/25	09/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: HM		Batch: 2539122
Diesel Range Organics (C10-C28)	ND	25.0	1	09/25/25	09/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/25/25	09/26/25	
Surrogate: n-Nonane		97.0 %	61-141	09/25/25	09/26/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2539143
Chloride	ND	20.0	1	09/25/25	09/26/25	

QC Summary Data

	~	•	
Matador Resources, LLC.	Project Name:	Pinestraw CTB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	4
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/29/2025 1:22:15PM
	Analyst: SL		

Dallas TX, 75240		Project Manager:	As	shley Giovengo	,				9/29/2025 1:22:15PM		
		Valatila O	uganiaa h		D						
		Volatile O	rganics n	oy EPA 8021	в				Analyst: SL		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2539067-BLK1)							Prepared: 09	9/23/25 A	nalyzed: 09/26/25		
Benzene	ND	0.0250			-	-					
Ethylbenzene	ND	0.0250									
Toluene	ND	0.0250									
o-Xylene	ND	0.0250									
o,m-Xylene	ND	0.0500									
Total Xylenes	ND	0.0250									
Surrogate: 4-Bromochlorobenzene-PID	7.80		8.00		97.5	70-130					
LCS (2539067-BS1)							Prepared: 09	9/23/25 A	nalyzed: 09/26/25		
Benzene	5.42	0.0250	5.00		108	70-130					
Ethylbenzene	5.32	0.0250	5.00		106	70-130					
Toluene	5.39	0.0250	5.00		108	70-130					
p-Xylene	5.33	0.0250	5.00		107	70-130					
o,m-Xylene	10.8	0.0500	10.0		108	70-130					
Total Xylenes	16.1	0.0250	15.0		107	70-130					
Surrogate: 4-Bromochlorobenzene-PID	7.75		8.00		96.9	70-130					
Matrix Spike (2539067-MS1)				Source: E	509242-0)2	Prepared: 09	9/23/25 A	analyzed: 09/26/25		
Benzene	5.40	0.0250	5.00	ND	108	70-130					
Ethylbenzene	5.29	0.0250	5.00	ND	106	70-130					
Toluene	5.37	0.0250	5.00	ND	107	70-130					
p-Xylene	5.30	0.0250	5.00	ND	106	70-130					
o,m-Xylene	10.7	0.0500	10.0	ND	107	70-130					
Total Xylenes	16.0	0.0250	15.0	ND	107	70-130					
Surrogate: 4-Bromochlorobenzene-PID	7.84		8.00		98.0	70-130					
Matrix Spike Dup (2539067-MSD1)				Source: E	509242-0)2	Prepared: 09	9/23/25 A	nalyzed: 09/26/25		
Benzene	5.58	0.0250	5.00	ND	112	70-130	3.25	27			
Ethylbenzene	5.50	0.0250	5.00	ND	110	70-130	3.87	26			
Toluene	5.55	0.0250	5.00	ND	111	70-130	3.44	20			
o-Xylene	5.51	0.0250	5.00	ND	110	70-130	3.87	25			
o,m-Xylene	11.1	0.0500	10.0	ND	111	70-130	3.93	23			
F-4-1 V-1	16.6	0.0250	15.0	ND	111	70-130	3.91	26			
Total Xylenes	10.0	0.0250		ND	111	70-150	5.71	20			

Gasoline Range Organics (C6-C10)

Surrogate: 1-Chloro-4-fluorobenzene-FID

46.8

7.41

20.0

QC Summary Data

Matador Resources, LLC.Project Name:Pinestraw CTBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo9/29/20251:22:15PM

	Non	halogenated	Organics l	oy EPA 801	15D - GI	RO		Analyst: SL			
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2539067-BLK1)							Prepared: 0	9/23/25 Anal	yzed: 09/26/25		
Gasoline Range Organics (C6-C10)	ND	20.0									
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.26		8.00		90.7	70-130					
LCS (2539067-BS2)							Prepared: 0	9/23/25 Anal	yzed: 09/26/25		
Gasoline Range Organics (C6-C10)	45.4	20.0	50.0		90.9	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		8.00		95.8	70-130					
Matrix Spike (2539067-MS2)				Source:	E509242-	02	Prepared: 0	9/23/25 Anal	yzed: 09/26/25		
Gasoline Range Organics (C6-C10)	46.3	20.0	50.0	ND	92.6	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.44		8.00		93.0	70-130					
Matrix Spike Dup (2539067-MSD2)				Source:	E509242-	02	Prepared: 0	9/23/25 Anal	yzed: 09/26/25		

50.0

8.00

ND

93.6

92.7

70-130

70-130

1.06

20



QC Summary Data

Matador Resources, LLC.Project Name:Pinestraw CTBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo9/29/2025 1:22:15PM

Danas 1X, 73240		1 Toject Ivianage	7.5	micy Gloveng	50				7,27,2025 1.22.1511
	Nonha	logenated Or	ganics by l	EPA 8015I	O - DRO	/ORO			Analyst: HM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2539122-BLK1)							Prepared: 0	9/25/25 A	nalyzed: 09/25/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.8		50.0		97.6	61-141			
LCS (2539122-BS1)							Prepared: 0	9/25/25 A	nalyzed: 09/25/25
Diesel Range Organics (C10-C28)	243	25.0	250		97.3	66-144			
Surrogate: n-Nonane	47.9		50.0		95.9	61-141			
Matrix Spike (2539122-MS1)				Source:	E509235-0	04	Prepared: 0	9/25/25 A	nalyzed: 09/25/25
Diesel Range Organics (C10-C28)	248	25.0	250	ND	99.1	56-156			
Surrogate: n-Nonane	48.8		50.0		97.6	61-141			
Matrix Spike Dup (2539122-MSD1)				Source:	E509235-0	04	Prepared: 0	9/25/25 A	nalyzed: 09/25/25
Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.8	56-156	0.239	20	
Surrogate: n-Nonane	48.8		50.0		97.6	61-141			

Matrix Spike Dup (2539143-MSD1)

Chloride

QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		3	Project Name: Pine Project Number: 2300 Project Manager: Ashl				9/	Reported: 9/29/2025 1:22:15PM			
		Anions	by EPA	300.0/9056	4				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		
Blank (2539143-BLK1)							Prepared: 0	9/25/25 Ana	alyzed: 09/25/25		
Chloride	ND	20.0									
LCS (2539143-BS1)							Prepared: 0	9/25/25 Ana	lyzed: 09/25/25		
Chloride	254	20.0	250		102	90-110					
Matrix Spike (2539143-MS1)				Source:	E509244-	24	Prepared: 0	9/25/25 Ana	llyzed: 09/25/25		

250

250

20.0

20.0

80-120

80-120

1.13

Source: E509244-24

107

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

266

269

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.	Project Name:	Pinestraw CTB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	09/29/25 13:22

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.



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g_{n}	
6	
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5	
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13	
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	Clie	nt Inform	nation	1	- tr	voice Information					Lab I	Jse Or	nly				TA	AT		Stat	te		
Client: I	Matador Proc	luction C	ompany		Company: E	nsolum LLC		L	ab \	509250 Job Numb				ber	-	1D	2D	3D Std	NM	CO UT	T		
	Name: Pinest					Address: 3122 National Parks Hwy			= 5	509	230	23	205-	- 7 °C	32	x			x		1		
	Manager: As					City, State, Zip: Carlsbad NM, 88220													FDA Danamana				
	3122 Natio				Phone: 575			_	-		-	Ana	alysis	and	Meth	nod	_			A Progr	a		
	te, Zip: Carls		88220			vengo@ensolum.co	m	_											SDWA	CWA	4		
	575-988-005		2.40		Miscellaneous	:													Carantian	ce Y	4		
Email: a	giovengo@e	nsolum.c	om		L		-	_		3015	CTO		_						Compliant PWSID #	e i	J		
-				Sample Info	ormation				-	by 8	1200	260	300.0	¥	letal		Σ	×			-		
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Sampled	Date Sampled	Matrix	Containers		Sample ID		Field	Numb	er	DRO	RTEX	VOC	Chlo	TCEQ	RCR/		BGDC	ВСРС	Sa				
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														1						_			

Printed: 9/23/2025 11:20:45AM

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.	Date Received:	09/23/25 0	5:30	Work Order ID:	E509250
Phone:	(972) 371-5200	Date Logged In:	09/23/25 0	7:47	Logged In By:	Noe Soto
Email:	agiovengo@ensolum.com	Due Date:	09/29/25 1	7:00 (4 day TAT)		
Chain of	Custody (COC)					
1. Does tl	ne sample ID match the COC?		Yes			
2. Does tl	ne number of samples per sampling site location ma	tch the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: Courier		
	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes			
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss		Yes		Comment	s/Resolution
Sample T	Turn Around Time (TAT)					
	COC indicate standard TAT, or Expedited TAT?		Yes			
Sample C	<u>Cooler</u>					
7. Was a	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	e sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
	, were custody/security seals intact?		NA			
-	e sample received on ice?		Yes			
	Note: Thermal preservation is not required, if samples a 15 minutes of sampling					
	OC for individual sample temps. Samples outside	of 0-C-6-C will be	recorded if	comments.		
	Container VOC 1 1 22		3.7			
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?	٥	NA			
	on-VOC samples collected in the correct containers		Yes			
	appropriate volume/weight or number of sample conta	iners collected?	Yes			
Field Lal						
	field sample labels filled out with the minimum inf ample ID?	ormation:	Yes			
	atte/Time Collected?		Yes			
	ollectors name?		Yes			
Sample F	Preservation		100			
21. Does	the COC or field labels indicate the samples were p	reserved?	No			
22. Are sa	ample(s) correctly preserved?		NA			
	filtration required and/or requested for dissolved m	netals?	No			
Multipha	se Sample Matrix					
	the sample have more than one phase, i.e., multiph	ase?	No			
	, does the COC specify which phase(s) is to be anal		NA			
•	ract Laboratory	•				
	amples required to get sent to a subcontract laborate	5m29	No			
	subcontract laboratory specified by the client and	•		Subcontract Lab: NA		
		ii so wiio:	IVA	Subcolliact Lab. NA		
Client II	<u>nstruction</u>					

Date



APPENDIX E

NMOCD Correspondence

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 503525

QUESTIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	503525
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source				
Please answer all the questions in this group.				
Site Name	Pinestraw CTB			
Date Release Discovered	09/06/2025			
Surface Owner	Private			

Incident Details						
Please answer all the questions in this group.						
Incident Type	Oil 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	Cause: Overflow - Tank, Pit, Etc. Production Tank Crude Oil Released: 60 BBL Recovered: 60 BBL Lost: 0 BBL.					
Produced Water Released (bbls) Details	Not answered.					
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.					
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.					

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, Page 2

Action 503525

	QUESTIONS (continued)
·	

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	503525
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)							
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.						
Was this a major release as defined by 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.						

Initial Response						
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.						
The source of the release has been stopped	True					
The impacted area has been secured to protect human health and the environment	True					
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True					
All free liquids and recoverable materials have been removed and managed appropriately	True					
If all the actions described above have not been undertaken, explain why	Not answered.					

Per 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.

General Information Phone: (505) 629-6116

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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 503525

ACKNOWLEDGMENTS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	503525
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

$\overline{\lor}$	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
V	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
V	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
V	I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment.
W.	I acknowledge the fact that the acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment.
V	I acknowledge the fact that, in addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

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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 503525

CONDITIONS

Operator:	OGRID:		
MATADOR PRODUCTION COMPANY	228937		
One Lincoln Centre	Action Number:		
Dallas, TX 75240	503525		
	Action Type:		
	[NOTIFY] Notification Of Release (NOR)		

CONDITIONS

Created By		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.	9/6/2025

	Pooled Fluids on the Surface									
	Length (ft.)	Width (ft.)	Depth (in)	# of Boundaries *edges of pool where depth is 0. don't count shared boundaries	Oil-Water Ratio (%)	Pooled Area (ft ²)	Estimated Average Depth (ft.)	Pooled Volume (bbl.)	Volume of Oil in Subsurface (bbl.)	Volume of Water in Subsurface (bbl.)
Rectangle A	92.2	92.2	1.9	4.0	0.01	8500.8	0.0	59.9	0.00	0.00
Rectangle B					0.01	0.0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Rectangle C						0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Rectangle D						0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Rectangle E						0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	Total Volume (bbls): 59.90 0.00 0.00									

Subsurface Fluids										
	Length (ft.)	Width (ft.)	Depth (in.)	Saturation (%) *10% in consolidated sediments after rain to 50% in sand with no precipitation	Oil-Water Ratio (%)	Area (ft²)	Volume (bbl.)	Estimated Volume in Subsurface (bbl.)	Volume of Oil in Subsurface (bbl.)	Volume of Water in Subsurface (bbl.)
		-		·		·				

TOTAL RELEASE VOLUME (bbls): 59.9

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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 504260

OFFECTIONS

_	DESTIONS	
Operator: MATADOR PRODUCTION COMPANY	OGRID: 228937	
One Lincoln Centre	Action Number:	
Dallas, TX 75240	504260	
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)	
QUESTIONS		
Prerequisites		
Incident ID (n#)	nAPP2524955152	
Incident Name	NAPP2524955152 PINESTRAW CTB @ H-05-25S-36E	
Incident Type	Oil Release	
Incident Status	Initial C-141 Received	
Leasting of Dalesco Course		
Location of Release Source Please answer all the questions in this group.		
Site Name	Pinestraw CTB	
Date Release Discovered	09/06/2025	
Surface Owner	Private	
Incident Details		
Please answer all the questions in this group.	T	
Incident Type	Oil 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	or the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Overflow - Tank, Pit, Etc. Production Tank Crude Oil Released: 60 BBL Recovered: 60 BBL Lost: 0 BBL.	
Produced Water Released (bbls) Details	Not answered.	
Is the concentration of chloride in the produced water >10,000 mg/l	No	
Condensate Released (bbls) Details	Not answered.	

Not answered.

Not answered.

Not answered.

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)

Natural Gas Vented (Mcf) Details

Natural Gas Flared (Mcf) Details

Other Released Details

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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 504260

QUESTI	ONS (continued)
Operator: MATADOR PRODUCTION COMPANY	OGRID: 228937
One Lincoln Centre Dallas, TX 75240	Action Number: 504260
Same, 17.10218	Action Type: [C-141] Initial C-141 (C-141-v-Initial)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by 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.
Initial Response	
The responsible party must undertake the following actions immediately unless they could create a s	afety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releathe OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required uses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface to does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Jason Touchet Title: EHS Field Rep Email: jason.touchet@matadorresources.com Date: 09/09/2025

General Information Phone: (505) 629-6116

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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 3

Action 504260

QUESTIONS (continued)

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	504260
A	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)
OUESTIONS	

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

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	No			
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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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Action 504260

CONDITIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	504260
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	9/9/2025

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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 506531

QUESTIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	506531
	Action Type:
	[NOTIFY] Notification Of Liner Inspection (C-141L)

QUESTIONS

Prerequisites		
Incident ID (n#)	nAPP2524955152	
Incident Name	NAPP2524955152 PINESTRAW CTB @ H-05-25S-36E	
Incident Type	Oil Release	
Incident Status	Initial C-141 Approved	

Location of Release Source				
Site Name	Pinestraw CTB			
Date Release Discovered	09/06/2025			
Surface Owner	Private			

Liner Inspection Event Information				
Please answer all the questions in this group.				
What is the liner inspection surface area in square feet	15,946			
Have all the impacted materials been removed from the liner	Yes			
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	09/19/2025			
Time liner inspection will commence	09:00 AM			
Please provide any information necessary for observers to liner inspection	Tank Containment			
Please provide any information necessary for navigation to liner inspection site	32.16488,-103.28793			

General Information Phone: (505) 629-6116

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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 506531

CONDITIONS

Operator:	OGRID:	
MATADOR PRODUCTION COMPANY	228937	
One Lincoln Centre	Action Number:	
Dallas, TX 75240	506531	
	Action Type:	
	[NOTIFY] Notification Of Liner Inspection (C-141L)	

CONDITIONS

Created By		Condition Date
j_touchet	Failure to notify the OCD of liner inspections including any changes in date/time per the requirements of 19.15.29.11.A(5)(a)(ii) NMAC, may result in the inspection not being accepted.	9/17/2025

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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 518393

QUESTIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	518393
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2524955152
Incident Name	NAPP2524955152 PINESTRAW CTB @ H-05-25S-36E
Incident Type	Oil Release
Incident Status	Deferral Request Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Pinestraw CTB
Date Release Discovered	09/06/2025
Surface Owner	Private

Incident Details		
Please answer all the questions in this group.		
Incident Type	Oil 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	Cause: Overflow - Tank, Pit, Etc. Production Tank Crude Oil Released: 60 BBL Recovered: 60 BBL Lost: 0 BBL.	
Produced Water Released (bbls) Details	Not answered.	
Is the concentration of chloride in the produced water >10,000 mg/l	No	
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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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 518393

QUESTIONS (continued)

QUESTI	ONS (continued)
Operator: MATADOR PRODUCTION COMPANY	OGRID: 228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	518393
Bullus, 17775240	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by 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.	e. gas only) are to be submitted on the C-129 form.
Initial Response	
The responsible party must undertake the following actions immediately unless they could create a s	afety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releathe OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Jason Touchet Title: EHS Field Rep Email: jason.touchet@matadorresources.com Date: 10/21/2025

Phone: (505) 629-6116

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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 3

Action 518393

QUESTIONS (continued)

Operator:		OGRID:
	MATADOR PRODUCTION COMPANY	228937
	One Lincoln Centre	Action Number:
	Dallas, TX 75240	518393
		Action Type:
		[C-141] Deferral Request C-141 (C-141-v-Deferral)

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	
What is the minimum distance, between the closest lateral extents of the release ar	nd the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)	
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (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 ½ and 1 (mi.)	
Any other fresh water well or spring	Between ½ and 1 (mi.)	
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)	
A wetland	Between 1000 (ft.) and ½ (mi.)	
A subsurface mine	Greater than 5 (mi.)	
An (non-karst) unstable area	Between 1 and 5 (mi.)	
Categorize the risk of this well / site being in a karst geology	Low	
A 100-year floodplain	Greater than 5 (mi.)	
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 prov	vided to the appropriate district office no later than 90 days after the release discovery date.
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contar	mination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each	n, in milligrams per kilograms.)
Chloride (EPA 300.0 or SM4500 Cl B)	472
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	8320
GRO+DRO (EPA SW-846 Method 8015M)	3920
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 co which includes the anticipated timelines for beginning and completing the remediation.	ompleted efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMA
On what estimated date will the remediation commence	09/19/2025
On what date will (or did) the final sampling or liner inspection occur	09/24/2025
On what date will (or was) the remediation complete(d)	09/25/2025
What is the estimated surface area (in square feet) that will be reclaimed	7461
What is the estimated volume (in cubic yards) that will be reclaimed	276
What is the estimated surface area (in square feet) that will be remediated	7461
What is the estimated volume (in cubic yards) that will be remediated	276
These estimated dates and measurements are recognized to be the best guess or calculation	ion at the time of submission and may (be) change(d) over time as more remediation efforts are completed.
What is the estimated volume (in cubic yards) that will be remediated These estimated dates and measurements are recognized to be the best guess or calculation.	276

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

Released to Imaging: 12/18/2025 3:04:30 PM

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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 4

Action 518393

QUESTIONS (continued)

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	518393
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

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

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: 10/21/2025

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.

MATADOR PRODUCTION COMPANY

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

Operator:

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, Page 5

Action 518393

QUESTIONS (continued)

OGRID:

228937

One Lincoln Centre Dallas, TX 75240	Action Number: 518393
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)
QUESTIONS	
Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each	n 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	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	Tank containment for Produce Water and Oil storage tanks
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	7461
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	276
	ediately under or around production equipment such as production tanks, wellheads and pipelines where ion may be deferred with division written approval until the equipment is removed during other operations, or when
Enter the facility ID (f#) on which this deferral should be granted	Not answered.
Enter the well API (30-) on which this deferral should be granted	30-025-50459 PINE STRAW 25 36 05 FEDERAL COM #103H
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed which includes the anticipated timelines for beginning and completing the remediation.	efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC
to report and/or file certain release notifications and perform corrective actions for rel the OCD does not relieve the operator of liability should their operations have failed to	y knowledge and understand that pursuant to OCD rules and regulations all operators are required leases which may endanger public health or the environment. The acceptance of a C-141 report by o adequately investigate and remediate contamination that pose a threat to groundwater, surface ort does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Jason Touchet Title: EHS Field Rep Email: jason.touchet@matadorresources.com Date: 10/21/2025

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, Page 6

Action 518393

QUESTIONS (continued)			
Operator:	OGRID:		
MATADOR PRODUCTION COMPANY	228937		
One Lincoln Centre	Action Number:		
Dallas, TX 75240	518393		
	Action Type:		
	[C-141] Deferral Request C-141 (C-141-y-Deferral)		

QUESTIONS Sampling Event Information {Unavailable.} Last sampling notification (C-141N) recorded Remediation Closure Request Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed. Requesting a remediation closure approval with this submission

No

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 518393

CONDITIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	518393
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

CONDITIONS

Created	Condition	Condition Date
Ву		
nvelez	Deferral is approved. Remediation Due date will be left open until the site has been plugged and abandoned or a major facility deconstruction takes place.	12/18/2025