

From: [Hall, Brittany, EMNRD](#)
To: ["chamilton@ensolum.com"](mailto:chamilton@ensolum.com)
Cc: [Rodgers, Scott, EMNRD](#); agiovengo@ensolum.com; jason.touchet@matadorresources.com; [Minnix, Sharon, EMNRD](#)
Subject: RE: [EXTERNAL] Alternative Sampling Plan - Pickard State Tank Battery - nAPP2605463259
Date: Tuesday, April 28, 2026 1:57:00 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)

Chad,

The alternative sampling plan for the Pickard State Tank Battery (nAPP2605463259) is denied.

Pursuant to 19.15.29.12 (C)(4)(c)(ii) NMAC, If a release occurs within the following areas, the responsible party must treat the release as if it occurred less than 50 feet to ground water in Table I of 19.15.29.12 NMAC: **(ii)** 1000 feet of any fresh water well or spring. There is a drinking water well located less than 1,000 feet southwest of the site.

The site must be remediated to the most stringent closure criteria and the final confirmation samples must be 5-point composite samples representative of no more than 200 square feet.

Please submit a complete and accurate remediation plan or a remediation closure report through the OCD Permitting website by May 25, 2026.

Thank you,

Brittany Hall ● Environmental Field Compliance Supervisor
Environmental Field Compliance Group
EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
505.517.5333 | Brittany.Hall@emnrd.nm.gov
<http://www.emnrd.nm.gov/oecd/>

Effective 12/1/2024: OCD has updated guidance on karst potential occurrence zones. This notice can be found at: <https://www.emnrd.nm.gov/oecd/oecd-announcements-and-notifications/> under “2024 OCD ANNOUNCEMENTS AND NOTIFICATIONS”.

The Digital C-141 guidance documents can be found at <https://www.emnrd.nm.gov/oecd/oecd-announcements-and-notifications/> or <https://www.emnrd.nm.gov/oecd/oecd-forms/>.

From: Chad Hamilton <chamilton@ensolum.com>
Sent: Thursday, April 23, 2026 11:29 AM
To: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>; Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Jason Touchet <jason.touchet@matadorresources.com>; Ashley Urzedo <agiovengo@ensolum.com>
Subject: [EXTERNAL] Alternative Sampling Plan - Pickard State Tank Battery - nAPP2605463259

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

Hello,

Matador Production Company (Matador) is requesting an alternative sampling plan at the Pickard State Tank Battery (Site). The release occurred on February 23, 2026, and approximately 8 barrels (bbls) of produced water were released onto the pad surface; 1 bbl was recovered, 7 bbls were unrecoverable. The southwest portion of the release extent remained on pad but impacted an area where the pad has been mostly revegetated (see Figure 2). Matador reported the release to the New Mexico Oil Conservation Division (NMOCD) on February 23, 2026, and subsequently the release was assigned Incident Number nAPP2605463259. The release impacted an area approximately 2,719 square feet (sq. ft.) in size on state land managed by the New Mexico State Land Office. The closest permitted well with available depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) soil boring CP 01582 POD1, located 902 feet south of the Site; CP 05182 POD1 has a reported depth to water of 108 feet below ground surface (bgs). Soil Boring CP 01582 POD1 is an exploratory well that was drilled to determine water availability in the area and not for domestic or agricultural use. A desktop review for potential site receptors has been completed, and the site is greater than 1,000 ft. to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine (see Figure 1). The closest significant watercourse is an intermittent dry wash located approximately 1.07 miles northeast of the Site. The Site is not underlain by unstable geology (low potential karst designation area) and there are no indicators of surface or subsurface karst features observed at the Site. Based on the results of the desktop review, the following Site Closure Criteria will apply: 10 mg/kg benzene, 50 mg/kg BTEX, 1,000 mg/kg TPH – Gasoline Range Organics (GRO) and TPH – Diesel Range Organics (DRO), 2,500 mg/kg Total TPH and 20,000 mg/kg chloride.

Lateral and vertical delineation soil sampling has been completed at the Site (see Table 1 and Figure 2). Eight lateral delineation soil samples (SS01 through SS08) were collected from around the release extent at depths ranging from ground surface to 1-foot

bgs and all were in compliance with the strictest Closure Criteria per NMOCD Table I. During lateral delineation activities historical impacts were found not associated with the release extent. Vertical delineation soil sample locations (BH01 through BH08) were advanced within and around the release extent and were in compliance with the strictest Closure Criteria at depths ranging from ground surface to 3 feet bgs (see Table 1). Concentrations of chloride exceeding the Site Closure Criteria did not extend greater than 1-foot bgs in boreholes (BH01, BH02, BH03, BH06, BH07, and BH08) impacting an area approximately 50,619 sq. ft. in size. Matador would like to request an alternative sampling plan for excavation floor samples collected every 400 sq. ft. from the floor of the excavation and every 200 sq. ft. from the sidewalls of the excavation where applicable. Excavation of the subject matter release will begin as soon as Matador selects a subcontractor. Matador will submit a closure report required in 19.15.29.12.B. (1) NMAC following excavation and confirmation soil sampling activities. Matador believes this alternative sampling plan will provide equal or better protection of public health, and the environment considering the release occurred in a low potential karst designation area, and depth to groundwater at the Site is confirmed to be 108 feet bgs. Matador respectfully requests approval for this alternative sampling plan associated with Incident Number (nAPP2605463259).

Kind Regards,



Chad Hamilton

Project Geologist

940-923-0072

Ensolum, LLC

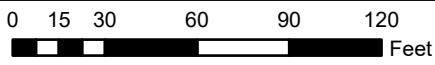
in f 

Legend

- Delineation Soil Sample in Compliance with Closure Criteria
- Delineation Soil Sample with Concentrations Previously Exceeding Closure Criteria
- ✕ - Fence
- Release Extent



Notes:
 Sample ID @ Depth Below Ground Surface.
 Samples in **bold** indicate sample exceeded applicable Closure Criteria.
 Concentrations in **red** exceed the NMOCD Table I Closure Criteria where applicable.



Sources: Environmental Systems Research Institute (ESRI)

Delineation Soil Sample Locations

Matador Production Company
 Pickard State Tank Battery
 Incident Number: nAPP2605463259
 Unit O, Section 20, T 18S, R 34E
 Lea County, New Mexico

FIGURE

2





WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NUMBER (WELL NUMBER) CP-1582 POD 1				OSE FILE NUMBER(S) CP-1582					
	WELL OWNER NAME(S) CHRIS CAPLIS, VP DRILL & COMPLETION				PHONE (OPTIONAL)					
	WELL OWNER MAILING ADDRESS 1050 17TH STREET, STE 2500				CITY DENVER		STATE CO		ZIP 80265	
	WELL LOCATION (FROM GPS)		DEGREES LATITUDE 32		MINUTES 43		SECONDS 30.6624		N	
			LONGITUDE 103		34		44.49		W	
* ACCURACY REQUIRED: ONE TENTH OF A SECOND										
* DATUM REQUIRED: WGS 84										
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NE/4, NE/4, NW/4, NE/4 SECTION 29, TOWNSHIP 18S, RANGE 34E										

2. DRILLING & CASING INFORMATION	LICENSE NUMBER WD-1611		NAME OF LICENSED DRILLER JOHN GOERTZEN			NAME OF WELL DRILLING COMPANY GOERTZEN DRILLING						
	DRILLING STARTED 7/12/16		DRILLING ENDED 7/13/16		DEPTH OF COMPLETED WELL (FT) 180		BORE HOLE DEPTH (FT) 180		DEPTH WATER FIRST ENCOUNTERED (FT) 108			
	COMPLETED WELL IS: <input type="radio"/> ARTESIAN <input type="radio"/> DRY HOLE <input type="radio"/> SHALLOW (UNCONFINED)								STATIC WATER LEVEL IN COMPLETED WELL (FT) 108			
	DRILLING FLUID: <input type="radio"/> AIR <input type="radio"/> MUD ADDITIVES - SPECIFY:											
	DRILLING METHOD: <input type="radio"/> ROTARY <input type="radio"/> HAMMER <input type="radio"/> CABLE TOOL <input type="radio"/> OTHER - SPECIFY:											
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)				
	FROM	TO										
	0	180	14	STEEL		10 3/4		1/4				

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				
	0	20		CEMENT	14 8LB BAGS	



FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/08/2012)

FILE NUMBER	CP-1582	POD NUMBER	1	TRN NUMBER	
LOCATION	18S-34E-29		2.1.2	Exploratory	PAGE 1 OF 2



Photographic Log

Matador Production Company
Pickard State TB
nAPP2605463259

<p><u>Photograph</u> 1</p>	<p><u>Date</u> 2/23/2026</p>	 <p>☉ 49°NE (T) • 32.728473, -103.580319 ±5m ▲ 1236m</p>
<p><u>Description</u> Lease Sign</p>		
<p><u>View</u> Northeast</p>		 <p>Lease Sign Ensolum LLC</p> <p>Pickard State TB 23 Feb 2026 2:30:55 PM</p>
<p><u>Photograph</u> 2</p>	<p><u>Date</u> 2/23/2026</p>	 <p>☉ 254°SW (T) • 32.727965, -103.579511 ±7m ▲ 1236m</p>
<p><u>Description</u> Release Extent</p>		
<p><u>View</u> West</p>		 <p>Release Extent Ensolum LLC</p> <p>Pickard State TB 23 Feb 2026 2:29:16 PM</p>

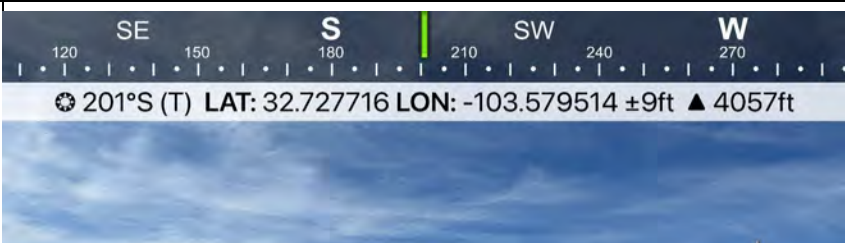


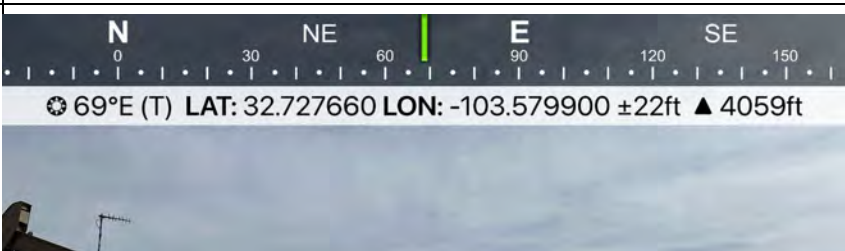


Photographic Log

Matador Production Company
Pickard State TB
nAPP2605463259

<p><u>Photograph</u> 3</p>	<p><u>Date</u> 2/23/2026</p>	 <p>Release Extent Ensolum LLC</p> <p>Pickard State TB 23 Feb 2026 2:28:58 PM</p>
<p><u>Description</u> Release Extent</p>		
<p><u>View</u> Southwest</p>		
<p><u>Photograph</u> 4</p>	<p><u>Date</u> 2/23/2026</p>	 <p>Release Extent Ensolum LLC</p> <p>Pickard State TB 23 Feb 2026 2:29:02 PM</p>
<p><u>Description</u> Release Extent</p>		
<p><u>View</u> Southwest</p>		


Photographic Log

Matador Production Company
Pickard State TB
nAPP2605463259

<p><u>Photograph</u> 5</p>	<p><u>Date</u> 2/24/2026</p>	
<p><u>Description</u> Release Extent</p>		
<p><u>View</u> South</p>		
<p><u>Photograph</u> 6</p>	<p><u>Date</u> 2/24/2026</p>	
<p><u>Description</u> Release Extent</p>		
<p><u>View</u> East</p>		


Photographic Log

Matador Production Company
Pickard State TB
nAPP2605463259

<p><u>Photograph</u> 7</p>	<p><u>Date</u> 2/25/2026</p>	
<p><u>Description</u> Release Area Scrape</p>		
<p><u>View</u> Northwest</p>		
<p><u>Photograph</u> 8</p>	<p><u>Date</u> 2/26/2026</p>	
<p><u>Description</u> Delineation (SS04)</p>		
<p><u>View</u> West</p>		

Photographic Log

Matador Production Company
Pickard State TB
nAPP2605463259

<p><u>Photograph</u> 9</p>	<p><u>Date</u> 2/26/2026</p>	 <p>SE S SW 120 150 180 210 175°S (T) • 32.728023, -103.580024 ±11m ▲ 1216m</p> <p><u>Description</u> Delineation (SS01)</p> <p><u>View</u> South</p> <p>SS01 Ensolum LLC</p> <p>Pickard State TB 26 Feb 2026 12:45:58 PM</p>
<p><u>Photograph</u> 10</p>	<p><u>Date</u> 3/26/2026</p>	 <p>NE E 30 60 90 120 75°NE (T) • 32.727615, -103.579902 ±5m ▲ 1215m</p> <p><u>Description</u> Delineation (BH01)</p> <p><u>View</u> East</p> <p>BH01 Ensolum, LLC</p> <p>Pickard State TB 26 Mar 2026 2:08:49 PM</p>



Photographic Log

Matador Production Company
Pickard State TB
nAPP2605463259

<p><u>Photograph</u> 11</p>	<p><u>Date</u> 3/26/2026</p>	
<p><u>Description</u> Delineation (BH02)</p>		
<p><u>View</u> East</p>		
<p><u>Photograph</u> 12</p>	<p><u>Date</u> 3/30/2026</p>	
<p><u>Description</u> Delineation (BH06)</p>		
<p><u>View</u> Southwest</p>		

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
 Pickard State Tank Battery
 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 Reclamation Requirement (NMAC 19.15.29.13.D)			10	50	NE	NE	NE	NE	100	600
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
Delineation Soil Samples										
SS01	2/26/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	71.1
SS02	2/26/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	71.8
SS03	2/26/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	443
SS04	2/26/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	265
SS05	2/25/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	77.6
SS05	2/25/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	116
SS05	2/25/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	186
SS06	2/26/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS07	2/26/2026	0	<0.0250	<0.0500	<20.0	33.7	66.5	33.7	100	<20.0
SS08	2/26/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS08	2/26/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH01	3/26/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	32,100
BH01	3/26/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,370
BH01	3/26/2026	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	731
BH01	3/26/2026	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	230
BH02	3/26/2026	0	<0.0250	<0.0500	<20.0	25.1	<50.0	25.1	25.0	66,900
BH02	3/26/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,080
BH02	3/26/2026	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	483
BH03	3/26/2026	0	<0.0250	<0.0500	<20.0	450	315.0	450	765	51,700
BH03	3/26/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,950
BH03	3/26/2026	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,580
BH03	3/26/2026	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	448
BH04	3/30/2026	0	<0.0250	<0.0500	<20.0	46.1	50.9	46.1	97.0	<20.0
BH04	3/30/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	20.4
BH04	3/30/2026	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	26.9
BH05	3/30/2026	0	<0.0250	<0.0500	<20.0	58.6	79.3	58.6	138	72.0
BH05	3/30/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH06	3/30/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	29,800
BH06	3/30/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,640
BH06	3/30/2026	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,610
BH06	3/30/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	293

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Production Company

Project Name: Pickard State Tank Battery

Work Order: E602316

Job Number: 23003-0002

Received: 2/27/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/4/26

5796 U.S. Hwy 64
Farmington, NM 87401

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



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: 3/4/26

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



Project Name: Pickard State Tank Battery
Workorder: E602316
Date Received: 2/27/2026 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/27/2026 7:30:00AM, under the Project Name: Pickard State Tank Battery.

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

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
whinchman@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
SS05-0'	5
SS05-0.5'	6
SS05-1'	7
QC Summary Data	8
QC - Volatile Organics by EPA 8021B	8
QC - Nonhalogenated Organics by EPA 8015D - GRO	9
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	10
QC - Anions by EPA 300.0/9056A	11
Definitions and Notes	12
Chain of Custody etc.	13

Sample Summary

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 03/04/26 16:59
--	--	------------------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS05-0'	E602316-01A	Soil	02/25/26	02/27/26	Glass Jar, 2 oz.
SS05-0.5'	E602316-02A	Soil	02/25/26	02/27/26	Glass Jar, 2 oz.
SS05-1'	E602316-03A	Soil	02/25/26	02/27/26	Glass Jar, 2 oz.



Sample Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 3/4/2026 4:59:16PM
--	--	--

SS05-0'

E602316-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609134
Benzene	ND	0.0250	1	02/27/26	02/27/26	
Ethylbenzene	ND	0.0250	1	02/27/26	02/27/26	
Toluene	ND	0.0250	1	02/27/26	02/27/26	
o-Xylene	ND	0.0250	1	02/27/26	02/27/26	
p,m-Xylene	ND	0.0500	1	02/27/26	02/27/26	
Total Xylenes	ND	0.0250	1	02/27/26	02/27/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.8 %	70-130	02/27/26	02/27/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609134
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/26	02/27/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		112 %	70-130	02/27/26	02/27/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2609137
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/26	02/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/26	02/27/26	
<i>Surrogate: n-Nonane</i>		103 %	61-141	02/27/26	02/27/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2609142
Chloride	77.6	20.0	1	02/27/26	02/28/26	



Sample Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 3/4/2026 4:59:16PM
--	--	--

SS05-0.5'

E602316-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609134
Benzene	ND	0.0250	1	02/27/26	02/27/26	
Ethylbenzene	ND	0.0250	1	02/27/26	02/27/26	
Toluene	ND	0.0250	1	02/27/26	02/27/26	
o-Xylene	ND	0.0250	1	02/27/26	02/27/26	
p,m-Xylene	ND	0.0500	1	02/27/26	02/27/26	
Total Xylenes	ND	0.0250	1	02/27/26	02/27/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.9 %	70-130	02/27/26	02/27/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609134
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/26	02/27/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		112 %	70-130	02/27/26	02/27/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2609137
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/26	02/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/26	02/27/26	
<i>Surrogate: n-Nonane</i>		104 %	61-141	02/27/26	02/27/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2609142
Chloride	116	20.0	1	02/27/26	02/28/26	



Sample Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 3/4/2026 4:59:16PM
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SS05-1'

E602316-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609134
Benzene	ND	0.0250	1	02/27/26	02/27/26	
Ethylbenzene	ND	0.0250	1	02/27/26	02/27/26	
Toluene	ND	0.0250	1	02/27/26	02/27/26	
o-Xylene	ND	0.0250	1	02/27/26	02/27/26	
p,m-Xylene	ND	0.0500	1	02/27/26	02/27/26	
Total Xylenes	ND	0.0250	1	02/27/26	02/27/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.2 %	70-130	02/27/26	02/27/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609134
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/26	02/27/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		113 %	70-130	02/27/26	02/27/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2609137
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/26	02/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/26	02/27/26	
<i>Surrogate: n-Nonane</i>		101 %	61-141	02/27/26	02/27/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2609142
Chloride	186	20.0	1	02/27/26	02/28/26	



QC Summary Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 3/4/2026 4:59:16PM
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Volatile Organics by EPA 8021B

Analyst: MB

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2609134-BLK1)

Prepared: 02/27/26 Analyzed: 02/27/26

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.00		8.00		100	70-130			

LCS (2609134-BS1)

Prepared: 02/27/26 Analyzed: 02/27/26

Benzene	3.84	0.0250	5.00		76.7	70-130			
Ethylbenzene	3.62	0.0250	5.00		72.4	70-130			
Toluene	3.79	0.0250	5.00		75.9	70-130			
o-Xylene	3.69	0.0250	5.00		73.8	70-130			
p,m-Xylene	7.46	0.0500	10.0		74.6	70-130			
Total Xylenes	11.1	0.0250	15.0		74.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.72		8.00		96.5	70-130			

Matrix Spike (2609134-MS1)

Source: E602318-05

Prepared: 02/27/26 Analyzed: 02/27/26

Benzene	4.18	0.0250	5.00	ND	83.5	70-130			
Ethylbenzene	3.96	0.0250	5.00	ND	79.2	70-130			
Toluene	4.14	0.0250	5.00	ND	82.8	70-130			
o-Xylene	4.02	0.0250	5.00	ND	80.5	70-130			
p,m-Xylene	8.14	0.0500	10.0	ND	81.4	70-130			
Total Xylenes	12.2	0.0250	15.0	ND	81.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.72		8.00		96.6	70-130			

Matrix Spike Dup (2609134-MSD1)

Source: E602318-05

Prepared: 02/27/26 Analyzed: 02/27/26

Benzene	4.35	0.0250	5.00	ND	87.0	70-130	4.13	27	
Ethylbenzene	4.12	0.0250	5.00	ND	82.3	70-130	3.86	26	
Toluene	4.31	0.0250	5.00	ND	86.2	70-130	3.97	20	
o-Xylene	4.17	0.0250	5.00	ND	83.4	70-130	3.52	25	
p,m-Xylene	8.46	0.0500	10.0	ND	84.6	70-130	3.79	23	
Total Xylenes	12.6	0.0250	15.0	ND	84.2	70-130	3.70	26	
Surrogate: 4-Bromochlorobenzene-PID	7.85		8.00		98.1	70-130			



QC Summary Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 3/4/2026 4:59:16PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: MB

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2609134-BLK1)

Prepared: 02/27/26 Analyzed: 02/27/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.75		8.00		109	70-130			

LCS (2609134-BS2)

Prepared: 02/27/26 Analyzed: 02/27/26

Gasoline Range Organics (C6-C10)	40.1	20.0	50.0		80.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.78		8.00		110	70-130			

Matrix Spike (2609134-MS2)

Source: E602318-05

Prepared: 02/27/26 Analyzed: 02/27/26

Gasoline Range Organics (C6-C10)	44.8	20.0	50.0	ND	89.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.88		8.00		111	70-130			

Matrix Spike Dup (2609134-MSD2)

Source: E602318-05

Prepared: 02/27/26 Analyzed: 02/27/26

Gasoline Range Organics (C6-C10)	46.6	20.0	50.0	ND	93.3	70-130	4.06	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.96		8.00		112	70-130			



QC Summary Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 3/4/2026 4:59:16PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2609137-BLK1)

Prepared: 02/27/26 Analyzed: 02/27/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	62.9		50.0		126	61-141			

LCS (2609137-BS1)

Prepared: 02/27/26 Analyzed: 02/27/26

Diesel Range Organics (C10-C28)	252	25.0	250		101	66-144			
Surrogate: n-Nonane	49.9		50.0		99.8	61-141			

Matrix Spike (2609137-MS1)

Source: E602314-01

Prepared: 02/27/26 Analyzed: 02/27/26

Diesel Range Organics (C10-C28)	294	25.0	250	35.3	103	56-156			
Surrogate: n-Nonane	50.4		50.0		101	61-141			

Matrix Spike Dup (2609137-MSD1)

Source: E602314-01

Prepared: 02/27/26 Analyzed: 02/27/26

Diesel Range Organics (C10-C28)	296	25.0	250	35.3	104	56-156	0.826	20	
Surrogate: n-Nonane	50.6		50.0		101	61-141			



QC Summary Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 3/4/2026 4:59:16PM
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Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2609142-BLK1)

Prepared: 02/27/26 Analyzed: 02/27/26

Chloride ND 20.0

LCS (2609142-BS1)

Prepared: 02/27/26 Analyzed: 02/27/26

Chloride 259 20.0 250 103 90-110

Matrix Spike (2609142-MS1)

Source: E602306-04

Prepared: 02/27/26 Analyzed: 02/27/26

Chloride 267 20.0 250 ND 107 80-120

Matrix Spike Dup (2609142-MSD1)

Source: E602306-04

Prepared: 02/27/26 Analyzed: 02/27/26

Chloride 265 20.0 250 ND 106 80-120 0.577 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 Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 03/04/26 16:59
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ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Client Information				Invoice Information				Lab Use Only				TAT				State							
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX				
Project Name: Pickard State Tank Battery				Address: 3122 National Parks Hwy				E 602316		23003-000Z						x							
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220																			
Address: 3122 National Parks Hwy				Phone: 575-988-0055																			
City, State, Zip: Carlsbad NM, 88220				Email: agiovengo@ensolum.com																			
Phone: 575-988-0055				Miscellaneous:																			
Email: agiovengo@ensolum.com																							
Sample Information												Analysis and Method								EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	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	SDWA	CWA	RCRA					
																Compliance	Y	or	N				
																PWSID #							
																Sample Temp			Remarks				
10:08	2/25/2026	Soil	1	SS05 - 0'		1								X		3.7							
11:48	2/25/2026	Soil	1	SS05 - 0.5'		2								X		4.6							
12:00	2/25/2026	Soil	1	SS05 - 1'		3								X		3.0							
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com																							
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																							
Sampled by: Lillynn Lewis																							
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N																	
	2/26/26	7:11	Michelle Gonzales	2-26-26	0711																		
Michelle Gonzales	2-26-26	1430	Nathan Gonzales	2-26-26	1430																		
Nathan Gonzales	2-26-26	1900	Johnny Archuleta	2-26-26	1900																		
Johnny Archuleta	2-26-26	2315	Cathy Mars	2-27-26	730																		
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time																		
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA													
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																							

Envirotech Analytical Laboratory

Printed: 2/27/2026 9:17:43AM

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: 02/27/26 07:30	Work Order ID: E602316
Phone: (972) 371-5200	Date Logged In: 02/26/26 15:27	Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com	Due Date: 03/05/26 17:00 (4 day TAT)	

Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
- 2. Does the number of samples per sampling site location match the COC? Yes
- 3. Were samples dropped off by client or carrier? Yes
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

Sample Turn Around Time (TAT)

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

Sample Cooler

- 7. Was a sample cooler received? Yes
- 8. If yes, was cooler received in good condition? Yes
- 9. Was the sample(s) received intact, i.e., not broken? Yes
- 10. Were custody/security seals present? No
- 11. If yes, were custody/security seals intact? NA
- 12. Was the sample received on ice? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

L-CM
R-NV

Client Instruction

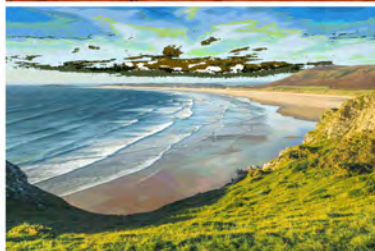
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Production Company

Project Name: Pickard State TB

Work Order: E603002

Job Number: 23003-0002

Received: 3/2/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/5/26

5796 U.S. Hwy 64
Farmington, NM 87401

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



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: 3/5/26

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

Project Name: Pickard State TB
Workorder: E603002
Date Received: 3/2/2026 6:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/2/2026 6:30:00AM, under the Project Name: Pickard State TB.

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

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
whinchman@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
SS01 - 0'	5
SS02 - 0'	6
SS03 - 0'	7
SS04 - 0'	8
SS06 - 0'	9
SS07 - 0'	10
SS08 - 0'	11
SS08 - 1'	12
QC Summary Data	13
QC - Volatile Organics by EPA 8021B	13
QC - Nonhalogenated Organics by EPA 8015D - GRO	14
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	15
QC - Anions by EPA 300.0/9056A	16
Definitions and Notes	17
Chain of Custody etc.	18

Sample Summary

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State TB Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 03/05/26 16:52
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01 - 0'	E603002-01A	Soil	02/26/26	03/02/26	Glass Jar, 2 oz.
SS02 - 0'	E603002-02A	Soil	02/26/26	03/02/26	Glass Jar, 2 oz.
SS03 - 0'	E603002-03A	Soil	02/26/26	03/02/26	Glass Jar, 2 oz.
SS04 - 0'	E603002-04A	Soil	02/26/26	03/02/26	Glass Jar, 2 oz.
SS06 - 0'	E603002-05A	Soil	02/26/26	03/02/26	Glass Jar, 2 oz.
SS07 - 0'	E603002-06A	Soil	02/26/26	03/02/26	Glass Jar, 2 oz.
SS08 - 0'	E603002-07A	Soil	02/26/26	03/02/26	Glass Jar, 2 oz.
SS08 - 1'	E603002-08A	Soil	02/26/26	03/02/26	Glass Jar, 2 oz.



Sample Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State TB Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 3/5/2026 4:52:57PM
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SS01 - 0'
E603002-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2610012	
Benzene	ND	0.0250	1	03/02/26	03/03/26	
Ethylbenzene	ND	0.0250	1	03/02/26	03/03/26	
Toluene	ND	0.0250	1	03/02/26	03/03/26	
o-Xylene	ND	0.0250	1	03/02/26	03/03/26	
p,m-Xylene	ND	0.0500	1	03/02/26	03/03/26	
Total Xylenes	ND	0.0250	1	03/02/26	03/03/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %	70-130	03/02/26	03/03/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2610012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/02/26	03/03/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.7 %	70-130	03/02/26	03/03/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2610020	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/02/26	03/03/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/02/26	03/03/26	
<i>Surrogate: n-Nonane</i>		100 %	61-141	03/02/26	03/03/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2610039	
Chloride	71.1	20.0	1	03/03/26	03/03/26	



Sample Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State TB Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 3/5/2026 4:52:57PM
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SS02 - 0'

E603002-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2610012
Benzene	ND	0.0250	1	03/02/26	03/03/26	
Ethylbenzene	ND	0.0250	1	03/02/26	03/03/26	
Toluene	ND	0.0250	1	03/02/26	03/03/26	
o-Xylene	ND	0.0250	1	03/02/26	03/03/26	
p,m-Xylene	ND	0.0500	1	03/02/26	03/03/26	
Total Xylenes	ND	0.0250	1	03/02/26	03/03/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	03/02/26	03/03/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2610012
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/02/26	03/03/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.2 %	70-130	03/02/26	03/03/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2610020
Diesel Range Organics (C10-C28)	ND	25.0	1	03/02/26	03/03/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/02/26	03/03/26	
<i>Surrogate: n-Nonane</i>		96.3 %	61-141	03/02/26	03/03/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2610039
Chloride	71.8	20.0	1	03/03/26	03/03/26	



Sample Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State TB Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 3/5/2026 4:52:57PM
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SS03 - 0'

E603002-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2610012
Benzene	ND	0.0250	1	03/02/26	03/03/26	
Ethylbenzene	ND	0.0250	1	03/02/26	03/03/26	
Toluene	ND	0.0250	1	03/02/26	03/03/26	
o-Xylene	ND	0.0250	1	03/02/26	03/03/26	
p,m-Xylene	ND	0.0500	1	03/02/26	03/03/26	
Total Xylenes	ND	0.0250	1	03/02/26	03/03/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	03/02/26	03/03/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2610012
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/02/26	03/03/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.2 %	70-130	03/02/26	03/03/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2610020
Diesel Range Organics (C10-C28)	ND	25.0	1	03/02/26	03/03/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/02/26	03/03/26	
<i>Surrogate: n-Nonane</i>		107 %	61-141	03/02/26	03/03/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2610039
Chloride	443	20.0	1	03/03/26	03/03/26	



Sample Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State TB Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 3/5/2026 4:52:57PM
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SS04 - 0'

E603002-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2610012
Benzene	ND	0.0250	1	03/02/26	03/03/26	
Ethylbenzene	ND	0.0250	1	03/02/26	03/03/26	
Toluene	ND	0.0250	1	03/02/26	03/03/26	
o-Xylene	ND	0.0250	1	03/02/26	03/03/26	
p,m-Xylene	ND	0.0500	1	03/02/26	03/03/26	
Total Xylenes	ND	0.0250	1	03/02/26	03/03/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	03/02/26	03/03/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2610012
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/02/26	03/03/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.3 %	70-130	03/02/26	03/03/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2610020
Diesel Range Organics (C10-C28)	ND	25.0	1	03/02/26	03/03/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/02/26	03/03/26	
<i>Surrogate: n-Nonane</i>		100 %	61-141	03/02/26	03/03/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2610039
Chloride	265	20.0	1	03/03/26	03/03/26	



Sample Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State TB Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 3/5/2026 4:52:57PM
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SS06 - 0'

E603002-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2610012
Benzene	ND	0.0250	1	03/02/26	03/03/26	
Ethylbenzene	ND	0.0250	1	03/02/26	03/03/26	
Toluene	ND	0.0250	1	03/02/26	03/03/26	
o-Xylene	ND	0.0250	1	03/02/26	03/03/26	
p,m-Xylene	ND	0.0500	1	03/02/26	03/03/26	
Total Xylenes	ND	0.0250	1	03/02/26	03/03/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	03/02/26	03/03/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2610012
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/02/26	03/03/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.3 %	70-130	03/02/26	03/03/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2610020
Diesel Range Organics (C10-C28)	ND	25.0	1	03/02/26	03/04/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/02/26	03/04/26	
<i>Surrogate: n-Nonane</i>		101 %	61-141	03/02/26	03/04/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2610039
Chloride	ND	20.0	1	03/03/26	03/03/26	



Sample Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State TB Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 3/5/2026 4:52:57PM
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SS07 - 0'

E603002-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2610012
Benzene	ND	0.0250	1	03/02/26	03/03/26	
Ethylbenzene	ND	0.0250	1	03/02/26	03/03/26	
Toluene	ND	0.0250	1	03/02/26	03/03/26	
o-Xylene	ND	0.0250	1	03/02/26	03/03/26	
p,m-Xylene	ND	0.0500	1	03/02/26	03/03/26	
Total Xylenes	ND	0.0250	1	03/02/26	03/03/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	03/02/26	03/03/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2610012
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/02/26	03/03/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.5 %	70-130	03/02/26	03/03/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2610020
Diesel Range Organics (C10-C28)	33.7	25.0	1	03/02/26	03/04/26	
Oil Range Organics (C28-C36)	66.5	50.0	1	03/02/26	03/04/26	
<i>Surrogate: n-Nonane</i>		108 %	61-141	03/02/26	03/04/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2610039
Chloride	ND	20.0	1	03/03/26	03/03/26	



Sample Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State TB Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 3/5/2026 4:52:57PM
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SS08 - 0'

E603002-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2610012
Benzene	ND	0.0250	1	03/02/26	03/03/26	
Ethylbenzene	ND	0.0250	1	03/02/26	03/03/26	
Toluene	ND	0.0250	1	03/02/26	03/03/26	
o-Xylene	ND	0.0250	1	03/02/26	03/03/26	
p,m-Xylene	ND	0.0500	1	03/02/26	03/03/26	
Total Xylenes	ND	0.0250	1	03/02/26	03/03/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	03/02/26	03/03/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2610012
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/02/26	03/03/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.1 %	70-130	03/02/26	03/03/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2610020
Diesel Range Organics (C10-C28)	ND	25.0	1	03/02/26	03/04/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/02/26	03/04/26	
<i>Surrogate: n-Nonane</i>		98.1 %	61-141	03/02/26	03/04/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2610039
Chloride	ND	20.0	1	03/03/26	03/03/26	



Sample Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State TB Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 3/5/2026 4:52:57PM
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SS08 - 1'

E603002-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2610012
Benzene	ND	0.0250	1	03/02/26	03/03/26	
Ethylbenzene	ND	0.0250	1	03/02/26	03/03/26	
Toluene	ND	0.0250	1	03/02/26	03/03/26	
o-Xylene	ND	0.0250	1	03/02/26	03/03/26	
p,m-Xylene	ND	0.0500	1	03/02/26	03/03/26	
Total Xylenes	ND	0.0250	1	03/02/26	03/03/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	03/02/26	03/03/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2610012
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/02/26	03/03/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.0 %	70-130	03/02/26	03/03/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2610020
Diesel Range Organics (C10-C28)	ND	25.0	1	03/02/26	03/04/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/02/26	03/04/26	
<i>Surrogate: n-Nonane</i>		109 %	61-141	03/02/26	03/04/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2610039
Chloride	ND	20.0	1	03/03/26	03/03/26	



QC Summary Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State TB Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 3/5/2026 4:52:57PM
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Volatile Organics by EPA 8021B

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
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Blank (2610012-BLK1)

Prepared: 03/02/26 Analyzed: 03/03/26

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.39		8.00		105	70-130			

LCS (2610012-BS1)

Prepared: 03/02/26 Analyzed: 03/03/26

Benzene	4.57	0.0250	5.00		91.4	70-130			
Ethylbenzene	4.32	0.0250	5.00		86.4	70-130			
Toluene	4.48	0.0250	5.00		89.5	70-130			
o-Xylene	4.42	0.0250	5.00		88.3	70-130			
p,m-Xylene	8.80	0.0500	10.0		88.0	70-130			
Total Xylenes	13.2	0.0250	15.0		88.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.57		8.00		107	70-130			

Matrix Spike (2610012-MS1)

Source: E602336-06

Prepared: 03/02/26 Analyzed: 03/03/26

Benzene	4.69	0.0250	5.00	ND	93.8	70-130			
Ethylbenzene	4.41	0.0250	5.00	ND	88.2	70-130			
Toluene	4.58	0.0250	5.00	ND	91.6	70-130			
o-Xylene	4.52	0.0250	5.00	ND	90.4	70-130			
p,m-Xylene	8.99	0.0500	10.0	ND	89.9	70-130			
Total Xylenes	13.5	0.0250	15.0	ND	90.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.46		8.00		106	70-130			

Matrix Spike Dup (2610012-MSD1)

Source: E602336-06

Prepared: 03/02/26 Analyzed: 03/03/26

Benzene	4.41	0.0250	5.00	ND	88.1	70-130	6.23	27	
Ethylbenzene	4.15	0.0250	5.00	ND	83.0	70-130	6.16	26	
Toluene	4.30	0.0250	5.00	ND	86.1	70-130	6.20	20	
o-Xylene	4.26	0.0250	5.00	ND	85.2	70-130	5.91	25	
p,m-Xylene	8.45	0.0500	10.0	ND	84.5	70-130	6.13	23	
Total Xylenes	12.7	0.0250	15.0	ND	84.8	70-130	6.05	26	
Surrogate: 4-Bromochlorobenzene-PID	8.44		8.00		106	70-130			



QC Summary Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State TB Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 3/5/2026 4:52:57PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

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

Blank (2610012-BLK1)

Prepared: 03/02/26 Analyzed: 03/03/26

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

LCS (2610012-BS2)

Prepared: 03/02/26 Analyzed: 03/03/26

Gasoline Range Organics (C6-C10)	47.3	20.0	50.0		94.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.68		8.00		96.0	70-130			

Matrix Spike (2610012-MS2)

Source: E602336-06

Prepared: 03/02/26 Analyzed: 03/03/26

Gasoline Range Organics (C6-C10)	46.0	20.0	50.0	ND	92.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.56		8.00		94.5	70-130			

Matrix Spike Dup (2610012-MSD2)

Source: E602336-06

Prepared: 03/02/26 Analyzed: 03/03/26

Gasoline Range Organics (C6-C10)	46.0	20.0	50.0	ND	92.1	70-130	0.0912	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.69		8.00		96.1	70-130			



QC Summary Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State TB Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 3/5/2026 4:52:57PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2610020-BLK1)

Prepared: 03/02/26 Analyzed: 03/03/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.5		50.0		95.1	61-141			

LCS (2610020-BS1)

Prepared: 03/02/26 Analyzed: 03/03/26

Diesel Range Organics (C10-C28)	248	25.0	250		99.1	66-144			
Surrogate: n-Nonane	46.7		50.0		93.4	61-141			

Matrix Spike (2610020-MS1)

Source: E602318-04

Prepared: 03/02/26 Analyzed: 03/03/26

Diesel Range Organics (C10-C28)	1730	25.0	250	1590	58.7	56-156			
Surrogate: n-Nonane	49.9		50.0		99.8	61-141			

Matrix Spike Dup (2610020-MSD1)

Source: E602318-04

Prepared: 03/02/26 Analyzed: 03/03/26

Diesel Range Organics (C10-C28)	1590	25.0	250	1590	1.13	56-156	8.67	20	M4
Surrogate: n-Nonane	49.5		50.0		99.0	61-141			



QC Summary Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State TB Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 3/5/2026 4:52:57PM
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Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2610039-BLK1)

Prepared: 03/03/26 Analyzed: 03/03/26

Chloride ND 20.0

LCS (2610039-BS1)

Prepared: 03/03/26 Analyzed: 03/03/26

Chloride 260 20.0 250 104 90-110

Matrix Spike (2610039-MS1)

Source: E603002-03

Prepared: 03/03/26 Analyzed: 03/03/26

Chloride 646 20.0 250 443 81.2 80-120

Matrix Spike Dup (2610039-MSD1)

Source: E603002-03

Prepared: 03/03/26 Analyzed: 03/03/26

Chloride 628 20.0 250 443 74.1 80-120 2.80 20 M2

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 Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State TB Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 03/05/26 16:52
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- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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

Released to Imaging: 4/29/2026 7:24:33 AM

Received by OCD: 4/29/2026 7:23:27 AM

Client Information				Invoice Information				Lab Use Only				TAT				State																							
Client: Matador Production Company				Company: Ensolum LLC				Lab WO# E603002				Job Number 23003-0002				<table border="1"> <tr> <td>1D</td><td>2D</td><td>3D</td><td>Std</td> </tr> <tr> <td></td><td></td><td></td><td>X</td> </tr> </table>				1D	2D	3D	Std				X	<table border="1"> <tr> <td>NM</td><td>CO</td><td>UT</td><td>TX</td> </tr> <tr> <td>X</td><td></td><td></td><td></td> </tr> </table>				NM	CO	UT	TX	X			
1D	2D	3D	Std																																				
			X																																				
NM	CO	UT	TX																																				
X																																							
Project Name: Pickard State TB				Address: 3122 National Parks Hwy																																			
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220																																			
Address: 3122 National Parks Hwy				Phone: 575-988-0055																																			
City, State, Zip: Carlsbad NM, 88220				Email: agiovengo@ensolum.com																																			
Phone: 575-988-0055				Miscellaneous:																																			
Email: agiovengo@ensolum.com																																							
Sample Information										Analysis and Method						EPA Program																							
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field	Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TEEQ 1005 - TX	RCRA 8 Metals	BEDOC - NM	BEDOC - TX	SDWA	CWA	RCRA																				
901	2/26/2026	S	1	SS01 - 0'			1								X																								
1022	2/26/2026	S	1	SS02 - 0'			2								X																								
1021	2/26/2026	S	1	SS03 - 0'			3								X																								
908	2/26/2026	S	1	SS04 - 0'			4								X																								
1027	2/26/2026	S	1	SS06 - 0'			5								X																								
912	2/26/2026	S	1	SS07 - 0'			6								X																								
915	2/26/2026	S	1	SS08 - 0'			7								X																								
1054	2/26/2026	S	1	SS08 - 1'			8								X																								
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jmccauley@ensolum.com, akone@ensolum.com, jgonzalez@ensolum.com, jhinkle@ensolum.com, eplugge@ensolum.com I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Jarad McCauley																																							
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N																											
<i>JM</i>		02-26-26		1453		<i>Michelle Gonzales</i>		2-27-26		0711																													
<i>Michelle Gonzales</i>		2-27-26		1430		<i>Marissa Gonzales</i>		2-27-26		1430																													
<i>Marissa Gonzales</i>		2-27-26		1900		<i>Johnny Archuleta</i>		2-27-26		1900																													
<i>Johnny Archuleta</i>		2-27-26		2245		<i>Noe So</i>		3-2-26		0630																													
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time																													
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																																							

Page 46 of 113

Envirotech Analytical Laboratory

Printed: 3/2/2026 11:51:04AM

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: 03/02/26 06:30 Work Order ID: E603002
Phone: (972) 371-5200 Date Logged In: 03/02/26 11:45 Logged In By: Noe Soto
Email: agiovengo@ensolum.com Due Date: 03/06/26 17:00 (4 day TAT)

Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Carrier: Courier

Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

Sample Turn Around Time (TAT)

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

Sample Cooler

- 7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

Empty box for client instruction.

Comments/Resolution

Large empty box for comments/resolution.

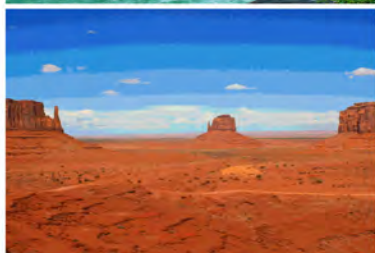
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Production Company

Project Name: Pickard State Tank Battery

Work Order: E603340

Job Number: 23003-0002

Received: 3/30/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/2/26

5796 U.S. Hwy 64
Farmington, NM 87401

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



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: 4/2/26

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



Project Name: Pickard State Tank Battery
Workorder: E603340
Date Received: 3/30/2026 6:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/30/2026 6:30:00AM, under the Project Name: Pickard State Tank Battery.

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

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
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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
BH01-1'	6
BH01-2'	7
BH01-3'	8
BH02-0'	9
BH02-1'	10
BH02-2'	11
BH03-0'	12
BH03-1'	13
BH03-2'	14
BH03-3'	15
QC Summary Data	16
QC - Volatile Organics by EPA 8021B	16
QC - Nonhalogenated Organics by EPA 8015D - GRO	17
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	18
QC - Anions by EPA 300.0/9056A	19
Definitions and Notes	20
Chain of Custody etc.	21

Sample Summary

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 04/02/26 16:42
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01-0'	E603340-01A	Soil	03/26/26	03/30/26	Glass Jar, 2 oz.
BH01-1'	E603340-02A	Soil	03/26/26	03/30/26	Glass Jar, 2 oz.
BH01-2'	E603340-03A	Soil	03/26/26	03/30/26	Glass Jar, 2 oz.
BH01-3'	E603340-04A	Soil	03/26/26	03/30/26	Glass Jar, 2 oz.
BH02-0'	E603340-05A	Soil	03/26/26	03/30/26	Glass Jar, 2 oz.
BH02-1'	E603340-06A	Soil	03/26/26	03/30/26	Glass Jar, 2 oz.
BH02-2'	E603340-07A	Soil	03/26/26	03/30/26	Glass Jar, 2 oz.
BH02-3'	E603340-08A	Soil	03/26/26	03/30/26	Glass Jar, 2 oz.
BH03-0'	E603340-09A	Soil	03/26/26	03/30/26	Glass Jar, 2 oz.
BH03-1'	E603340-10A	Soil	03/26/26	03/30/26	Glass Jar, 2 oz.
BH03-2'	E603340-11A	Soil	03/26/26	03/30/26	Glass Jar, 2 oz.
BH03-3'	E603340-12A	Soil	03/26/26	03/30/26	Glass Jar, 2 oz.

Sample Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 4/2/2026 4:42:31PM
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BH01-0'
E603340-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: SL		Batch: 2614010
Benzene	ND	0.0250	1	03/30/26	03/31/26	
Ethylbenzene	ND	0.0250	1	03/30/26	03/31/26	
Toluene	ND	0.0250	1	03/30/26	03/31/26	
o-Xylene	ND	0.0250	1	03/30/26	03/31/26	
p,m-Xylene	ND	0.0500	1	03/30/26	03/31/26	
Total Xylenes	ND	0.0250	1	03/30/26	03/31/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: SL		Batch: 2614010
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/26	03/31/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.8 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: KH		Batch: 2614032
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/26	03/31/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/26	03/31/26	
<i>Surrogate: n-Nonane</i>		101 %	69-135	03/31/26	03/31/26	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: DT		Batch: 2614016
Chloride	32100	1000	50	03/30/26	03/31/26	



Sample Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 4/2/2026 4:42:31PM
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BH01-1'
E603340-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2614010
Benzene	ND	0.0250	1	03/30/26	03/31/26	
Ethylbenzene	ND	0.0250	1	03/30/26	03/31/26	
Toluene	ND	0.0250	1	03/30/26	03/31/26	
o-Xylene	ND	0.0250	1	03/30/26	03/31/26	
p,m-Xylene	ND	0.0500	1	03/30/26	03/31/26	
Total Xylenes	ND	0.0250	1	03/30/26	03/31/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2614010
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/26	03/31/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.0 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2614032
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/26	03/31/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/26	03/31/26	
<i>Surrogate: n-Nonane</i>		108 %	69-135	03/31/26	03/31/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2614016
Chloride	1370	40.0	2	03/30/26	03/31/26	

Sample Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 4/2/2026 4:42:31PM
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BH01-2'
E603340-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2614010
Benzene	ND	0.0250	1	03/30/26	03/31/26	
Ethylbenzene	ND	0.0250	1	03/30/26	03/31/26	
Toluene	ND	0.0250	1	03/30/26	03/31/26	
o-Xylene	ND	0.0250	1	03/30/26	03/31/26	
p,m-Xylene	ND	0.0500	1	03/30/26	03/31/26	
Total Xylenes	ND	0.0250	1	03/30/26	03/31/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2614010
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/26	03/31/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.8 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2614032
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/26	03/31/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/26	03/31/26	
<i>Surrogate: n-Nonane</i>		107 %	69-135	03/31/26	03/31/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2614016
Chloride	731	20.0	1	03/30/26	03/31/26	



Sample Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 4/2/2026 4:42:31PM
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BH01-3'
E603340-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2614010
Benzene	ND	0.0250	1	03/30/26	03/31/26	
Ethylbenzene	ND	0.0250	1	03/30/26	03/31/26	
Toluene	ND	0.0250	1	03/30/26	03/31/26	
o-Xylene	ND	0.0250	1	03/30/26	03/31/26	
p,m-Xylene	ND	0.0500	1	03/30/26	03/31/26	
Total Xylenes	ND	0.0250	1	03/30/26	03/31/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.9 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2614010
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/26	03/31/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.6 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2614032
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/26	03/31/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/26	03/31/26	
<i>Surrogate: n-Nonane</i>		100 %	69-135	03/31/26	03/31/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2614016
Chloride	230	20.0	1	03/30/26	03/31/26	



Sample Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 4/2/2026 4:42:31PM
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BH02-0'
E603340-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2614010
Benzene	ND	0.0250	1	03/30/26	03/31/26	
Ethylbenzene	ND	0.0250	1	03/30/26	03/31/26	
Toluene	ND	0.0250	1	03/30/26	03/31/26	
o-Xylene	ND	0.0250	1	03/30/26	03/31/26	
p,m-Xylene	ND	0.0500	1	03/30/26	03/31/26	
Total Xylenes	ND	0.0250	1	03/30/26	03/31/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.7 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2614010
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/26	03/31/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.4 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2614032
Diesel Range Organics (C10-C28)	25.1	25.0	1	03/31/26	03/31/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/26	03/31/26	
<i>Surrogate: n-Nonane</i>		97.9 %	69-135	03/31/26	03/31/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2614016
Chloride	66900	2000	100	03/30/26	03/31/26	



Sample Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 4/2/2026 4:42:31PM
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BH02-1'
E603340-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2614010
Benzene	ND	0.0250	1	03/30/26	03/31/26	
Ethylbenzene	ND	0.0250	1	03/30/26	03/31/26	
Toluene	ND	0.0250	1	03/30/26	03/31/26	
o-Xylene	ND	0.0250	1	03/30/26	03/31/26	
p,m-Xylene	ND	0.0500	1	03/30/26	03/31/26	
Total Xylenes	ND	0.0250	1	03/30/26	03/31/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.3 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2614010
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/26	03/31/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.2 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2614032
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/26	03/31/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/26	03/31/26	
<i>Surrogate: n-Nonane</i>		102 %	69-135	03/31/26	03/31/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2614016
Chloride	1080	40.0	2	03/30/26	03/31/26	



Sample Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 4/2/2026 4:42:31PM
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BH02-2'
E603340-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2614010
Benzene	ND	0.0250	1	03/30/26	03/31/26	
Ethylbenzene	ND	0.0250	1	03/30/26	03/31/26	
Toluene	ND	0.0250	1	03/30/26	03/31/26	
o-Xylene	ND	0.0250	1	03/30/26	03/31/26	
p,m-Xylene	ND	0.0500	1	03/30/26	03/31/26	
Total Xylenes	ND	0.0250	1	03/30/26	03/31/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.5 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2614010
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/26	03/31/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.7 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2614032
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/26	03/31/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/26	03/31/26	
<i>Surrogate: n-Nonane</i>		104 %	69-135	03/31/26	03/31/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2614016
Chloride	483	20.0	1	03/30/26	03/31/26	



Sample Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 4/2/2026 4:42:31PM
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BH03-0'
E603340-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2614010
Benzene	ND	0.0250	1	03/30/26	03/31/26	
Ethylbenzene	ND	0.0250	1	03/30/26	03/31/26	
Toluene	ND	0.0250	1	03/30/26	03/31/26	
o-Xylene	ND	0.0250	1	03/30/26	03/31/26	
p,m-Xylene	ND	0.0500	1	03/30/26	03/31/26	
Total Xylenes	ND	0.0250	1	03/30/26	03/31/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.4 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2614010
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/26	03/31/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.5 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2614032
Diesel Range Organics (C10-C28)	450	25.0	1	03/31/26	03/31/26	
Oil Range Organics (C28-C36)	315	50.0	1	03/31/26	03/31/26	
<i>Surrogate: n-Nonane</i>		100 %	69-135	03/31/26	03/31/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2614016
Chloride	51700	2000	100	03/30/26	03/31/26	



Sample Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 4/2/2026 4:42:31PM
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BH03-1'
E603340-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2614010
Benzene	ND	0.0250	1	03/30/26	03/31/26	
Ethylbenzene	ND	0.0250	1	03/30/26	03/31/26	
Toluene	ND	0.0250	1	03/30/26	03/31/26	
o-Xylene	ND	0.0250	1	03/30/26	03/31/26	
p,m-Xylene	ND	0.0500	1	03/30/26	03/31/26	
Total Xylenes	ND	0.0250	1	03/30/26	03/31/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.6 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2614010
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/26	03/31/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.3 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2614032
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/26	03/31/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/26	03/31/26	
<i>Surrogate: n-Nonane</i>		107 %	69-135	03/31/26	03/31/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2614016
Chloride	6950	200	10	03/30/26	03/31/26	

Sample Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 4/2/2026 4:42:31PM
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BH03-2'

E603340-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2614010
Benzene	ND	0.0250	1	03/30/26	03/31/26	
Ethylbenzene	ND	0.0250	1	03/30/26	03/31/26	
Toluene	ND	0.0250	1	03/30/26	03/31/26	
o-Xylene	ND	0.0250	1	03/30/26	03/31/26	
p,m-Xylene	ND	0.0500	1	03/30/26	03/31/26	
Total Xylenes	ND	0.0250	1	03/30/26	03/31/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2614010
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/26	03/31/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.7 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2614032
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/26	03/31/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/26	03/31/26	
<i>Surrogate: n-Nonane</i>		106 %	69-135	03/31/26	03/31/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2614016
Chloride	1580	40.0	2	03/30/26	03/31/26	



Sample Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 4/2/2026 4:42:31PM
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BH03-3'
E603340-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2614010
Benzene	ND	0.0250	1	03/30/26	03/31/26	
Ethylbenzene	ND	0.0250	1	03/30/26	03/31/26	
Toluene	ND	0.0250	1	03/30/26	03/31/26	
o-Xylene	ND	0.0250	1	03/30/26	03/31/26	
p,m-Xylene	ND	0.0500	1	03/30/26	03/31/26	
Total Xylenes	ND	0.0250	1	03/30/26	03/31/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.5 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2614010
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/26	03/31/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.1 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2614032
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/26	03/31/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/26	03/31/26	
<i>Surrogate: n-Nonane</i>		104 %	69-135	03/31/26	03/31/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2614016
Chloride	448	20.0	1	03/30/26	03/31/26	



QC Summary Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 4/2/2026 4:42:31PM
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Volatile Organics by EPA 8021B

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
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Blank (2614010-BLK1)

Prepared: 03/30/26 Analyzed: 03/30/26

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.03		8.00		100	70-130			

LCS (2614010-BS1)

Prepared: 03/30/26 Analyzed: 03/30/26

Benzene	4.77	0.0250	5.00		95.4	70-130			
Ethylbenzene	4.55	0.0250	5.00		91.0	70-130			
Toluene	4.67	0.0250	5.00		93.4	70-130			
o-Xylene	4.56	0.0250	5.00		91.3	70-130			
p,m-Xylene	9.27	0.0500	10.0		92.7	70-130			
Total Xylenes	13.8	0.0250	15.0		92.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.90		8.00		98.7	70-130			

Matrix Spike (2614010-MS1)

Source: E603340-04

Prepared: 03/30/26 Analyzed: 03/31/26

Benzene	5.47	0.0250	5.00	ND	109	70-130			
Ethylbenzene	5.23	0.0250	5.00	ND	105	70-130			
Toluene	5.36	0.0250	5.00	ND	107	70-130			
o-Xylene	5.24	0.0250	5.00	ND	105	70-130			
p,m-Xylene	10.6	0.0500	10.0	ND	106	70-130			
Total Xylenes	15.9	0.0250	15.0	ND	106	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.29		8.00		104	70-130			

Matrix Spike Dup (2614010-MSD1)

Source: E603340-04

Prepared: 03/30/26 Analyzed: 03/31/26

Benzene	5.22	0.0250	5.00	ND	104	70-130	4.67	20	
Ethylbenzene	4.99	0.0250	5.00	ND	99.7	70-130	4.81	20	
Toluene	5.09	0.0250	5.00	ND	102	70-130	5.18	20	
o-Xylene	4.99	0.0250	5.00	ND	99.9	70-130	4.87	20	
p,m-Xylene	10.2	0.0500	10.0	ND	102	70-130	4.67	20	
Total Xylenes	15.2	0.0250	15.0	ND	101	70-130	4.73	20	
Surrogate: 4-Bromochlorobenzene-PID	8.17		8.00		102	70-130			



QC Summary Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 4/2/2026 4:42:31PM
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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
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Blank (2614010-BLK1)

Prepared: 03/30/26 Analyzed: 03/30/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.61		8.00		95.2	70-130			

LCS (2614010-BS2)

Prepared: 03/30/26 Analyzed: 03/31/26

Gasoline Range Organics (C6-C10)	55.7	20.0	50.0		111	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.71		8.00		96.3	70-130			

Matrix Spike (2614010-MS2)

Source: E603340-04

Prepared: 03/30/26 Analyzed: 03/31/26

Gasoline Range Organics (C6-C10)	52.8	20.0	50.0	ND	106	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.63		8.00		95.4	70-130			

Matrix Spike Dup (2614010-MSD2)

Source: E603340-04

Prepared: 03/30/26 Analyzed: 03/31/26

Gasoline Range Organics (C6-C10)	49.4	20.0	50.0	ND	98.9	60-137	6.62	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.65		8.00		95.6	70-130			



QC Summary Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 4/2/2026 4:42:31PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2614032-BLK1)

Prepared: 03/31/26 Analyzed: 03/31/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	50.5		50.0		101	69-135			

LCS (2614032-BS1)

Prepared: 03/31/26 Analyzed: 03/31/26

Diesel Range Organics (C10-C28)	243	25.0	250		97.3	70-131			
Surrogate: <i>n</i> -Nonane	48.8		50.0		97.5	69-135			

Matrix Spike (2614032-MS1)

Source: E603340-02

Prepared: 03/31/26 Analyzed: 03/31/26

Diesel Range Organics (C10-C28)	264	25.0	250	ND	106	62-151			
Surrogate: <i>n</i> -Nonane	52.5		50.0		105	69-135			

Matrix Spike Dup (2614032-MSD1)

Source: E603340-02

Prepared: 03/31/26 Analyzed: 03/31/26

Diesel Range Organics (C10-C28)	268	25.0	250	ND	107	62-151	1.36	20	
Surrogate: <i>n</i> -Nonane	52.5		50.0		105	69-135			



QC Summary Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 4/2/2026 4:42:31PM
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Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2614016-BLK1)

Prepared: 03/30/26 Analyzed: 03/31/26

Chloride	ND	20.0							
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LCS (2614016-BS1)

Prepared: 03/30/26 Analyzed: 03/31/26

Chloride	260	20.0	250		104	90-110			
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Matrix Spike (2614016-MS1)

Source: E603336-05

Prepared: 03/30/26 Analyzed: 03/31/26

Chloride	519	100	250	254	106	80-120			
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Matrix Spike Dup (2614016-MSD1)

Source: E603336-05

Prepared: 03/30/26 Analyzed: 03/31/26

Chloride	507	100	250	254	101	80-120	2.45	20	
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QC Summary Report Comment:

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



Definitions and Notes

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 04/02/26 16:42
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ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Chain of Custody

Released to Imaging: 4/29/2026 7:24:33 AM

Page 21 of 23

Received by OCD: 4/29/2026 7:23:27 AM

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: Pickard State Tank Battery				Address: 3122 National Parks Hwy				E603340		23003-0002					X	X			
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220															
Address: 3122 National Parks Hwy				Phone: 575-988-0055															
City, State, Zip: Carlsbad NM, 88220				Email: agiovengo@ensolum.com															
Phone: 575-988-0055				Miscellaneous:															
Email: agiovengo@ensolum.com																			

Sample Information										Analysis and Method								EPA Program			Remarks
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA & Metals	SDWA	CWA	RCRA				
13:18	3/26/2026	S	1	BH01-0'		1						X						1.4			
13:20	3/26/2026	S	1	BH01-1'		2						X						1.0			
13:22	3/26/2026	S	1	BH01-2'		3						X						3.1			
13:25	3/26/2026	S	1	BH01-3'		4						X						1.8			
14:12	3/26/2026	S	1	BH02-0'		5						X						1.0			
14:13	3/26/2026	S	1	BH02-1'		6						X						1.4			
14:15	3/26/2026	S	1	BH02-2'		7						X						3.4			
14:16	3/26/2026	S	1	BH02-3'		8						X						3.0 <small>Only run for BGDOC if BH02-2' is > 600 on Cl- and > 100 on TPH</small>			
14:56	3/26/2026	S	1	BH03-0'		9						X						3.3			
14:57	3/26/2026	S	1	BH03-1'		10						X						4.0			

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

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

Sampled by: Aboubakar Kone						Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C _____					
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>[Signature]</i>	3-27-26	7:11	Michelle Gonzales	3-27-26	0711						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
Michelle Gonzales	3-27-26	1430	Marissa Gonzales	3-27-26	1430						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
Marissa Gonzales	3-27-26	1845	Johnny Archuleta	3-27-26	1845						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
Johnny Archuleta	3-27-26	2215	Nae Seb	3-30-26	0630						

Sample Matrix: ~~S~~ Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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



Page 68 of 113

Envirotech Analytical Laboratory

Printed: 3/30/2026 12:42:28PM

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 Production Company	Date Received: 03/30/26 06:30	Work Order ID: E603340
Phone: (972) 371-5200	Date Logged In: 03/30/26 09:10	Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com	Due Date: 04/03/26 17:00 (4 day TAT)	

Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
- 2. Does the number of samples per sampling site location match the COC? Yes
- 3. Were samples dropped off by client or carrier? Yes
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

Sample Turn Around Time (TAT)

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

Sample Cooler

- 7. Was a sample cooler received? Yes
- 8. If yes, was cooler received in good condition? Yes
- 9. Was the sample(s) received intact, i.e., not broken? Yes
- 10. Were custody/security seals present? No
- 11. If yes, were custody/security seals intact? NA
- 12. Was the sample received on ice? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Client remark-Only run for BGDOC if BH02-2 is >600 on Cl and >100 on TPH.
L-CM
R-NS

Client Instruction

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

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Production Company

Project Name: Pickard State Tank Battery

Work Order: E603375

Job Number: 23003-0002

Received: 4/1/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/7/26

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Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
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Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 4/7/26

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



Project Name: Pickard State Tank Battery
Workorder: E603375
Date Received: 4/1/2026 6:00:32AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/1/2026 6:00:32AM, under the Project Name: Pickard State Tank Battery.

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

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

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

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

Respectfully,

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Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
BH04-0'	6
BH04-1'	7
BH04-2'	8
BH05-0'	9
BH05-1'	10
BH06-0'	11
BH06-1'	12
BH06-3'	13
BH06-4'	14
BH07-0'	15
BH07-1'	16
BH07-2'	17
BH07-3'	18
BH07-4'	19
BH08-0'	20
BH08-1'	21
QC Summary Data	22
QC - Volatile Organic Compounds by EPA 8260B	22
QC - Volatile Organics by EPA 8021B	23
QC - Nonhalogenated Organics by EPA 8015D - GRO	24

Table of Contents (continued)

QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	26
QC - Anions by EPA 300.0/9056A	27
Definitions and Notes	29
Chain of Custody etc.	30

Sample Summary

Matador Production Company
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Pickard State Tank Battery
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
04/07/26 13:04

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH04-0'	E603375-01A	Soil	03/30/26	04/01/26	Glass Jar, 2 oz.
BH04-1'	E603375-02A	Soil	03/30/26	04/01/26	Glass Jar, 2 oz.
BH04-2'	E603375-03A	Soil	03/30/26	04/01/26	Glass Jar, 2 oz.
BH05-0'	E603375-04A	Soil	03/30/26	04/01/26	Glass Jar, 2 oz.
BH05-1'	E603375-05A	Soil	03/30/26	04/01/26	Glass Jar, 2 oz.
BH06-0'	E603375-06A	Soil	03/30/26	04/01/26	Glass Jar, 2 oz.
BH06-1'	E603375-07A	Soil	03/30/26	04/01/26	Glass Jar, 2 oz.
BH06-3'	E603375-08A	Soil	03/30/26	04/01/26	Glass Jar, 2 oz.
BH06-4'	E603375-09A	Soil	03/30/26	04/01/26	Glass Jar, 2 oz.
BH07-0'	E603375-10A	Soil	03/30/26	04/01/26	Glass Jar, 2 oz.
BH07-1'	E603375-11A	Soil	03/30/26	04/01/26	Glass Jar, 2 oz.
BH07-2'	E603375-12A	Soil	03/30/26	04/01/26	Glass Jar, 2 oz.
BH07-3'	E603375-13A	Soil	03/30/26	04/01/26	Glass Jar, 2 oz.
BH07-4'	E603375-14A	Soil	03/30/26	04/01/26	Glass Jar, 2 oz.
BH08-0'	E603375-15A	Soil	03/30/26	04/01/26	Glass Jar, 2 oz.
BH08-1'	E603375-16A	Soil	03/30/26	04/01/26	Glass Jar, 2 oz.



Sample Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 4/7/2026 1:04:09PM
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BH04-0'
E603375-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2614063
Benzene	ND	0.0250	1	04/01/26	04/02/26	
Ethylbenzene	ND	0.0250	1	04/01/26	04/02/26	
Toluene	ND	0.0250	1	04/01/26	04/02/26	
o-Xylene	ND	0.0250	1	04/01/26	04/02/26	
p,m-Xylene	ND	0.0500	1	04/01/26	04/02/26	
Total Xylenes	ND	0.0250	1	04/01/26	04/02/26	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	04/01/26	04/02/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	04/01/26	04/02/26	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	04/01/26	04/02/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2614063
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/26	04/02/26	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	04/01/26	04/02/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	04/01/26	04/02/26	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	04/01/26	04/02/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2614082
Diesel Range Organics (C10-C28)	46.1	25.0	1	04/01/26	04/03/26	
Oil Range Organics (C28-C36)	50.9	50.0	1	04/01/26	04/03/26	
<i>Surrogate: n-Nonane</i>		97.5 %	69-135	04/01/26	04/03/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2614083
Chloride	ND	40.0	2	04/01/26	04/02/26	



Sample Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 4/7/2026 1:04:09PM
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BH04-1'
E603375-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2614063
Benzene	ND	0.0250	1	04/01/26	04/02/26	
Ethylbenzene	ND	0.0250	1	04/01/26	04/02/26	
Toluene	ND	0.0250	1	04/01/26	04/02/26	
o-Xylene	ND	0.0250	1	04/01/26	04/02/26	
p,m-Xylene	ND	0.0500	1	04/01/26	04/02/26	
Total Xylenes	ND	0.0250	1	04/01/26	04/02/26	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	04/01/26	04/02/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	04/01/26	04/02/26	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	04/01/26	04/02/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2614063
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/26	04/02/26	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	04/01/26	04/02/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	04/01/26	04/02/26	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	04/01/26	04/02/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2614082
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/26	04/03/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/26	04/03/26	
<i>Surrogate: n-Nonane</i>		92.8 %	69-135	04/01/26	04/03/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2614083
Chloride	20.4	20.0	1	04/01/26	04/02/26	



Sample Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 4/7/2026 1:04:09PM
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BH04-2'
E603375-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2614063
Benzene	ND	0.0250	1	04/01/26	04/02/26	
Ethylbenzene	ND	0.0250	1	04/01/26	04/02/26	
Toluene	ND	0.0250	1	04/01/26	04/02/26	
o-Xylene	ND	0.0250	1	04/01/26	04/02/26	
p,m-Xylene	ND	0.0500	1	04/01/26	04/02/26	
Total Xylenes	ND	0.0250	1	04/01/26	04/02/26	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	04/01/26	04/02/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.8 %	70-130	04/01/26	04/02/26	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	04/01/26	04/02/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2614063
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/26	04/02/26	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	04/01/26	04/02/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.8 %	70-130	04/01/26	04/02/26	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	04/01/26	04/02/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2614082
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/26	04/03/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/26	04/03/26	
<i>Surrogate: n-Nonane</i>		92.2 %	69-135	04/01/26	04/03/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2614083
Chloride	26.9	20.0	1	04/01/26	04/02/26	



Sample Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 4/7/2026 1:04:09PM
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BH05-0'
E603375-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2614063
Benzene	ND	0.0250	1	04/01/26	04/02/26	
Ethylbenzene	ND	0.0250	1	04/01/26	04/02/26	
Toluene	ND	0.0250	1	04/01/26	04/02/26	
o-Xylene	ND	0.0250	1	04/01/26	04/02/26	
p,m-Xylene	ND	0.0500	1	04/01/26	04/02/26	
Total Xylenes	ND	0.0250	1	04/01/26	04/02/26	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	04/01/26	04/02/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.3 %	70-130	04/01/26	04/02/26	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	04/01/26	04/02/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2614063
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/26	04/02/26	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	04/01/26	04/02/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.3 %	70-130	04/01/26	04/02/26	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	04/01/26	04/02/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2614082
Diesel Range Organics (C10-C28)	58.6	25.0	1	04/01/26	04/03/26	
Oil Range Organics (C28-C36)	79.3	50.0	1	04/01/26	04/03/26	
<i>Surrogate: n-Nonane</i>		93.1 %	69-135	04/01/26	04/03/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2614083
Chloride	72.0	20.0	1	04/01/26	04/02/26	



Sample Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 4/7/2026 1:04:09PM
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BH05-1'
E603375-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2614063
Benzene	ND	0.0250	1	04/01/26	04/02/26	
Ethylbenzene	ND	0.0250	1	04/01/26	04/02/26	
Toluene	ND	0.0250	1	04/01/26	04/02/26	
o-Xylene	ND	0.0250	1	04/01/26	04/02/26	
p,m-Xylene	ND	0.0500	1	04/01/26	04/02/26	
Total Xylenes	ND	0.0250	1	04/01/26	04/02/26	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	04/01/26	04/02/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.9 %	70-130	04/01/26	04/02/26	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	04/01/26	04/02/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2614063
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/26	04/02/26	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	04/01/26	04/02/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.9 %	70-130	04/01/26	04/02/26	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	04/01/26	04/02/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2614082
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/26	04/03/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/26	04/03/26	
<i>Surrogate: n-Nonane</i>		95.4 %	69-135	04/01/26	04/03/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2614083
Chloride	ND	20.0	1	04/01/26	04/02/26	



Sample Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 4/7/2026 1:04:09PM
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BH06-0'
E603375-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2614063
Benzene	ND	0.0250	1	04/01/26	04/02/26	
Ethylbenzene	ND	0.0250	1	04/01/26	04/02/26	
Toluene	ND	0.0250	1	04/01/26	04/02/26	
o-Xylene	ND	0.0250	1	04/01/26	04/02/26	
p,m-Xylene	ND	0.0500	1	04/01/26	04/02/26	
Total Xylenes	ND	0.0250	1	04/01/26	04/02/26	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	04/01/26	04/02/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.5 %	70-130	04/01/26	04/02/26	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	04/01/26	04/02/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2614063
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/26	04/02/26	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	04/01/26	04/02/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.5 %	70-130	04/01/26	04/02/26	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	04/01/26	04/02/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2614082
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/26	04/03/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/26	04/03/26	
<i>Surrogate: n-Nonane</i>		97.6 %	69-135	04/01/26	04/03/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2614083
Chloride	29800	1000	50	04/01/26	04/02/26	



Sample Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 4/7/2026 1:04:09PM
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BH06-1'
E603375-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2614063
Benzene	ND	0.0250	1	04/01/26	04/02/26	
Ethylbenzene	ND	0.0250	1	04/01/26	04/02/26	
Toluene	ND	0.0250	1	04/01/26	04/02/26	
o-Xylene	ND	0.0250	1	04/01/26	04/02/26	
p,m-Xylene	ND	0.0500	1	04/01/26	04/02/26	
Total Xylenes	ND	0.0250	1	04/01/26	04/02/26	
<i>Surrogate: Bromofluorobenzene</i>		100 %	70-130	04/01/26	04/02/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	04/01/26	04/02/26	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	04/01/26	04/02/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2614063
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/26	04/02/26	
<i>Surrogate: Bromofluorobenzene</i>		100 %	70-130	04/01/26	04/02/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	04/01/26	04/02/26	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	04/01/26	04/02/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2614082
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/26	04/03/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/26	04/03/26	
<i>Surrogate: n-Nonane</i>		97.3 %	69-135	04/01/26	04/03/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2614083
Chloride	3640	40.0	2	04/01/26	04/02/26	



Sample Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 4/7/2026 1:04:09PM
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BH06-3'
E603375-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2614063
Benzene	ND	0.0250	1	04/01/26	04/02/26	
Ethylbenzene	ND	0.0250	1	04/01/26	04/02/26	
Toluene	ND	0.0250	1	04/01/26	04/02/26	
o-Xylene	ND	0.0250	1	04/01/26	04/02/26	
p,m-Xylene	ND	0.0500	1	04/01/26	04/02/26	
Total Xylenes	ND	0.0250	1	04/01/26	04/02/26	
<i>Surrogate: Bromofluorobenzene</i>		99.9 %	70-130	04/01/26	04/02/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.4 %	70-130	04/01/26	04/02/26	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	04/01/26	04/02/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2614063
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/26	04/02/26	
<i>Surrogate: Bromofluorobenzene</i>		99.9 %	70-130	04/01/26	04/02/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.4 %	70-130	04/01/26	04/02/26	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	04/01/26	04/02/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2614082
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/26	04/03/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/26	04/03/26	
<i>Surrogate: n-Nonane</i>		97.4 %	69-135	04/01/26	04/03/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2614083
Chloride	1610	20.0	1	04/01/26	04/02/26	



Sample Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 4/7/2026 1:04:09PM
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BH06-4'
E603375-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2614063
Benzene	ND	0.0250	1	04/01/26	04/02/26	
Ethylbenzene	ND	0.0250	1	04/01/26	04/02/26	
Toluene	ND	0.0250	1	04/01/26	04/02/26	
o-Xylene	ND	0.0250	1	04/01/26	04/02/26	
p,m-Xylene	ND	0.0500	1	04/01/26	04/02/26	
Total Xylenes	ND	0.0250	1	04/01/26	04/02/26	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	04/01/26	04/02/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	04/01/26	04/02/26	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	04/01/26	04/02/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2614063
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/26	04/02/26	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	04/01/26	04/02/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	04/01/26	04/02/26	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	04/01/26	04/02/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2614082
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/26	04/03/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/26	04/03/26	
<i>Surrogate: n-Nonane</i>		96.7 %	69-135	04/01/26	04/03/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2614083
Chloride	293	20.0	1	04/01/26	04/02/26	



Sample Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 4/7/2026 1:04:09PM
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BH07-0'
E603375-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2614063
Benzene	ND	0.0250	1	04/01/26	04/02/26	
Ethylbenzene	ND	0.0250	1	04/01/26	04/02/26	
Toluene	ND	0.0250	1	04/01/26	04/02/26	
o-Xylene	ND	0.0250	1	04/01/26	04/02/26	
p,m-Xylene	ND	0.0500	1	04/01/26	04/02/26	
Total Xylenes	ND	0.0250	1	04/01/26	04/02/26	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	04/01/26	04/02/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.1 %	70-130	04/01/26	04/02/26	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	04/01/26	04/02/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2614063
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/26	04/02/26	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	04/01/26	04/02/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.1 %	70-130	04/01/26	04/02/26	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	04/01/26	04/02/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2614082
Diesel Range Organics (C10-C28)	100	25.0	1	04/01/26	04/03/26	
Oil Range Organics (C28-C36)	121	50.0	1	04/01/26	04/03/26	
<i>Surrogate: n-Nonane</i>		97.7 %	69-135	04/01/26	04/03/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2614083
Chloride	25300	1000	50	04/01/26	04/02/26	



Sample Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 4/7/2026 1:04:09PM
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BH07-1'
E603375-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: SL		Batch: 2614063
Benzene	ND	0.0250	1	04/01/26	04/02/26	
Ethylbenzene	ND	0.0250	1	04/01/26	04/02/26	
Toluene	ND	0.0250	1	04/01/26	04/02/26	
o-Xylene	ND	0.0250	1	04/01/26	04/02/26	
p,m-Xylene	ND	0.0500	1	04/01/26	04/02/26	
Total Xylenes	ND	0.0250	1	04/01/26	04/02/26	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	04/01/26	04/02/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	04/01/26	04/02/26	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	04/01/26	04/02/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2614063
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/26	04/02/26	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	04/01/26	04/02/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	04/01/26	04/02/26	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	04/01/26	04/02/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2614082
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/26	04/03/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/26	04/03/26	
<i>Surrogate: n-Nonane</i>		100 %	69-135	04/01/26	04/03/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2614083
Chloride	2760	40.0	2	04/01/26	04/02/26	



Sample Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 4/7/2026 1:04:09PM
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BH07-2'
E603375-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2614063
Benzene	ND	0.0250	1	04/01/26	04/02/26	
Ethylbenzene	ND	0.0250	1	04/01/26	04/02/26	
Toluene	ND	0.0250	1	04/01/26	04/02/26	
o-Xylene	ND	0.0250	1	04/01/26	04/02/26	
p,m-Xylene	ND	0.0500	1	04/01/26	04/02/26	
Total Xylenes	ND	0.0250	1	04/01/26	04/02/26	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	04/01/26	04/02/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.4 %	70-130	04/01/26	04/02/26	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	04/01/26	04/02/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2614063
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/26	04/02/26	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	04/01/26	04/02/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.4 %	70-130	04/01/26	04/02/26	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	04/01/26	04/02/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2614082
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/26	04/03/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/26	04/03/26	
<i>Surrogate: n-Nonane</i>		96.5 %	69-135	04/01/26	04/03/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2614083
Chloride	1550	40.0	2	04/01/26	04/02/26	



Sample Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 4/7/2026 1:04:09PM
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BH07-3'
E603375-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: SL		Batch: 2614063
Benzene	ND	0.0250	1	04/01/26	04/02/26	
Ethylbenzene	ND	0.0250	1	04/01/26	04/02/26	
Toluene	ND	0.0250	1	04/01/26	04/02/26	
o-Xylene	ND	0.0250	1	04/01/26	04/02/26	
p,m-Xylene	ND	0.0500	1	04/01/26	04/02/26	
Total Xylenes	ND	0.0250	1	04/01/26	04/02/26	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	04/01/26	04/02/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	04/01/26	04/02/26	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	04/01/26	04/02/26	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: SL		Batch: 2614063
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/26	04/02/26	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	04/01/26	04/02/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	04/01/26	04/02/26	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	04/01/26	04/02/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: NV		Batch: 2614082
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/26	04/03/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/26	04/03/26	
<i>Surrogate: n-Nonane</i>		97.3 %	69-135	04/01/26	04/03/26	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: DT		Batch: 2614083
Chloride	591	20.0	1	04/01/26	04/02/26	



Sample Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 4/7/2026 1:04:09PM
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BH07-4'
E603375-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2615038
Benzene	ND	0.0250	1	04/06/26	04/06/26	
Ethylbenzene	ND	0.0250	1	04/06/26	04/06/26	
Toluene	ND	0.0250	1	04/06/26	04/06/26	
o-Xylene	ND	0.0250	1	04/06/26	04/06/26	
p,m-Xylene	ND	0.0500	1	04/06/26	04/06/26	
Total Xylenes	ND	0.0250	1	04/06/26	04/06/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.0 %	70-130	04/06/26	04/06/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2615038
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/06/26	04/06/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.2 %	70-130	04/06/26	04/06/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2614082
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/26	04/03/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/26	04/03/26	
<i>Surrogate: n-Nonane</i>		101 %	69-135	04/01/26	04/03/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2615019
Chloride	574	20.0	1	04/07/26	04/07/26	



Sample Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 4/7/2026 1:04:09PM
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BH08-0'
E603375-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2614063
Benzene	ND	0.0250	1	04/01/26	04/02/26	
Ethylbenzene	ND	0.0250	1	04/01/26	04/02/26	
Toluene	ND	0.0250	1	04/01/26	04/02/26	
o-Xylene	ND	0.0250	1	04/01/26	04/02/26	
p,m-Xylene	ND	0.0500	1	04/01/26	04/02/26	
Total Xylenes	ND	0.0250	1	04/01/26	04/02/26	
<i>Surrogate: Bromofluorobenzene</i>		97.3 %	70-130	04/01/26	04/02/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	04/01/26	04/02/26	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	04/01/26	04/02/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2614063
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/26	04/02/26	
<i>Surrogate: Bromofluorobenzene</i>		97.3 %	70-130	04/01/26	04/02/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	04/01/26	04/02/26	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	04/01/26	04/02/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2614082
Diesel Range Organics (C10-C28)	158	25.0	1	04/01/26	04/03/26	
Oil Range Organics (C28-C36)	174	50.0	1	04/01/26	04/03/26	
<i>Surrogate: n-Nonane</i>		99.9 %	69-135	04/01/26	04/03/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2614083
Chloride	25200	1000	50	04/01/26	04/02/26	



Sample Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 4/7/2026 1:04:09PM
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BH08-1'
E603375-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2614063
Benzene	ND	0.0250	1	04/01/26	04/02/26	
Ethylbenzene	ND	0.0250	1	04/01/26	04/02/26	
Toluene	ND	0.0250	1	04/01/26	04/02/26	
o-Xylene	ND	0.0250	1	04/01/26	04/02/26	
p,m-Xylene	ND	0.0500	1	04/01/26	04/02/26	
Total Xylenes	ND	0.0250	1	04/01/26	04/02/26	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	04/01/26	04/02/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	04/01/26	04/02/26	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	04/01/26	04/02/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2614063
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/26	04/02/26	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	04/01/26	04/02/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	04/01/26	04/02/26	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	04/01/26	04/02/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2614082
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/26	04/03/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/26	04/03/26	
<i>Surrogate: n-Nonane</i>		99.5 %	69-135	04/01/26	04/03/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2614083
Chloride	272	20.0	1	04/01/26	04/02/26	



QC Summary Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 4/7/2026 1:04:09PM
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Volatile Organic Compounds by EPA 8260B

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
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Blank (2614063-BLK1)

Prepared: 04/01/26 Analyzed: 04/02/26

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	0.498		0.500		99.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.2	70-130			
Surrogate: Toluene-d8	0.519		0.500		104	70-130			

LCS (2614063-BS1)

Prepared: 04/01/26 Analyzed: 04/02/26

Benzene	2.20	0.0250	2.50		88.0	70-130			
Ethylbenzene	2.24	0.0250	2.50		89.7	70-130			
Toluene	2.28	0.0250	2.50		91.0	70-130			
o-Xylene	2.28	0.0250	2.50		91.1	70-130			
p,m-Xylene	4.56	0.0500	5.00		91.2	70-130			
Total Xylenes	6.84	0.0250	7.50		91.2	70-130			
Surrogate: Bromofluorobenzene	0.521		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			

Matrix Spike (2614063-MS1)

Source: E603375-12

Prepared: 04/01/26 Analyzed: 04/02/26

Benzene	2.65	0.0250	2.50	ND	106	48-131			
Ethylbenzene	2.70	0.0250	2.50	ND	108	45-135			
Toluene	2.69	0.0250	2.50	ND	108	48-130			
o-Xylene	2.71	0.0250	2.50	ND	109	43-135			
p,m-Xylene	5.42	0.0500	5.00	ND	108	43-135			
Total Xylenes	8.13	0.0250	7.50	ND	108	43-135			
Surrogate: Bromofluorobenzene	0.513		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.531		0.500		106	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			

Matrix Spike Dup (2614063-MSD1)

Source: E603375-12

Prepared: 04/01/26 Analyzed: 04/02/26

Benzene	2.24	0.0250	2.50	ND	89.7	48-131	16.7	23	
Ethylbenzene	2.30	0.0250	2.50	ND	91.8	45-135	16.1	27	
Toluene	2.29	0.0250	2.50	ND	91.4	48-130	16.2	24	
o-Xylene	2.32	0.0250	2.50	ND	92.7	43-135	15.8	27	
p,m-Xylene	4.63	0.0500	5.00	ND	92.6	43-135	15.6	27	
Total Xylenes	6.95	0.0250	7.50	ND	92.7	43-135	15.7	27	
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.4	70-130			
Surrogate: Toluene-d8	0.509		0.500		102	70-130			



QC Summary Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 4/7/2026 1:04:09PM
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Volatile Organics by EPA 8021B

Analyst: MB

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2615038-BLK1)

Prepared: 04/06/26 Analyzed: 04/06/26

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	7.05		8.00		88.1	70-130			

LCS (2615038-BS1)

Prepared: 04/06/26 Analyzed: 04/06/26

Benzene	4.94	0.0250	5.00		98.7	70-130			
Ethylbenzene	4.65	0.0250	5.00		92.9	70-130			
Toluene	4.91	0.0250	5.00		98.3	70-130			
o-Xylene	4.68	0.0250	5.00		93.6	70-130			
p,m-Xylene	9.48	0.0500	10.0		94.8	70-130			
Total Xylenes	14.2	0.0250	15.0		94.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.11		8.00		88.9	70-130			

Matrix Spike (2615038-MS1)

Source: E604053-05

Prepared: 04/06/26 Analyzed: 04/06/26

Benzene	5.23	0.0250	5.00	ND	105	70-130			
Ethylbenzene	4.91	0.0250	5.00	ND	98.1	70-130			
Toluene	5.21	0.0250	5.00	ND	104	70-130			
o-Xylene	4.98	0.0250	5.00	ND	99.6	70-130			
p,m-Xylene	10.0	0.0500	10.0	ND	100	70-130			
Total Xylenes	15.0	0.0250	15.0	ND	99.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.33		8.00		91.6	70-130			

Matrix Spike Dup (2615038-MSD1)

Source: E604053-05

Prepared: 04/06/26 Analyzed: 04/06/26

Benzene	4.88	0.0250	5.00	ND	97.5	70-130	7.04	20	
Ethylbenzene	4.59	0.0250	5.00	ND	91.9	70-130	6.59	20	
Toluene	4.86	0.0250	5.00	ND	97.2	70-130	6.92	20	
o-Xylene	4.65	0.0250	5.00	ND	93.1	70-130	6.77	20	
p,m-Xylene	9.40	0.0500	10.0	ND	94.0	70-130	6.29	20	
Total Xylenes	14.1	0.0250	15.0	ND	93.7	70-130	6.45	20	
Surrogate: 4-Bromochlorobenzene-PID	7.36		8.00		92.0	70-130			



QC Summary Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 4/7/2026 1:04:09PM
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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
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Blank (2614063-BLK1)

Prepared: 04/01/26 Analyzed: 04/02/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.498		0.500		99.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.2	70-130			
Surrogate: Toluene-d8	0.519		0.500		104	70-130			

LCS (2614063-BS2)

Prepared: 04/01/26 Analyzed: 04/02/26

Gasoline Range Organics (C6-C10)	55.8	20.0	50.0		112	70-130			
Surrogate: Bromofluorobenzene	0.504		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.522		0.500		104	70-130			
Surrogate: Toluene-d8	0.527		0.500		105	70-130			

Matrix Spike (2614063-MS2)

Source: E603375-12

Prepared: 04/01/26 Analyzed: 04/02/26

Gasoline Range Organics (C6-C10)	54.6	20.0	50.0	ND	109	70-130			
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.512		0.500		102	70-130			
Surrogate: Toluene-d8	0.517		0.500		103	70-130			

Matrix Spike Dup (2614063-MSD2)

Source: E603375-12

Prepared: 04/01/26 Analyzed: 04/02/26

Gasoline Range Organics (C6-C10)	59.4	20.0	50.0	ND	119	70-130	8.40	20	
Surrogate: Bromofluorobenzene	0.516		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.512		0.500		102	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			



QC Summary Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 4/7/2026 1:04:09PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: MB

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2615038-BLK1)

Prepared: 04/06/26 Analyzed: 04/06/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.68		8.00		95.9	70-130			

LCS (2615038-BS2)

Prepared: 04/06/26 Analyzed: 04/06/26

Gasoline Range Organics (C6-C10)	56.1	20.0	50.0		112	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.71		8.00		96.4	70-130			

Matrix Spike (2615038-MS2)

Source: E604053-05

Prepared: 04/06/26 Analyzed: 04/06/26

Gasoline Range Organics (C6-C10)	53.1	20.0	50.0	ND	106	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		8.00		92.3	70-130			

Matrix Spike Dup (2615038-MSD2)

Source: E604053-05

Prepared: 04/06/26 Analyzed: 04/06/26

Gasoline Range Organics (C6-C10)	53.5	20.0	50.0	ND	107	60-137	0.655	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.55		8.00		94.4	70-130			



QC Summary Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 4/7/2026 1:04:09PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2614082-BLK1)

Prepared: 04/01/26 Analyzed: 04/03/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	45.6		50.0		91.2	69-135			

LCS (2614082-BS1)

Prepared: 04/01/26 Analyzed: 04/03/26

Diesel Range Organics (C10-C28)	245	25.0	250		98.2	70-131			
Surrogate: <i>n</i> -Nonane	47.6		50.0		95.3	69-135			

Matrix Spike (2614082-MS1)

Source: E603375-08

Prepared: 04/01/26 Analyzed: 04/03/26

Diesel Range Organics (C10-C28)	244	25.0	250	ND	97.6	62-151			
Surrogate: <i>n</i> -Nonane	48.2		50.0		96.4	69-135			

Matrix Spike Dup (2614082-MSD1)

Source: E603375-08

Prepared: 04/01/26 Analyzed: 04/03/26

Diesel Range Organics (C10-C28)	246	25.0	250	ND	98.4	62-151	0.794	20	
Surrogate: <i>n</i> -Nonane	48.7		50.0		97.4	69-135			



QC Summary Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 4/7/2026 1:04:09PM
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Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2614083-BLK1)

Prepared: 04/01/26 Analyzed: 04/02/26

Chloride ND 20.0

LCS (2614083-BS1)

Prepared: 04/01/26 Analyzed: 04/02/26

Chloride 265 20.0 250 106 90-110

Matrix Spike (2614083-MS1)

Source: E603375-06

Prepared: 04/01/26 Analyzed: 04/02/26

Chloride 35200 1000 250 29800 NR 80-120 M4

Matrix Spike Dup (2614083-MSD1)

Source: E603375-06

Prepared: 04/01/26 Analyzed: 04/02/26

Chloride 35800 1000 250 29800 NR 80-120 1.53 20 M4



QC Summary Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 4/7/2026 1:04:09PM
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Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2615019-BLK1)

Prepared: 04/06/26 Analyzed: 04/06/26

Chloride ND 20.0

LCS (2615019-BS1)

Prepared: 04/06/26 Analyzed: 04/06/26

Chloride 262 20.0 250 105 90-110

Matrix Spike (2615019-MS1)

Source: E604028-04

Prepared: 04/06/26 Analyzed: 04/07/26

Chloride 719 20.0 250 443 110 80-120

Matrix Spike Dup (2615019-MSD1)

Source: E604028-04

Prepared: 04/06/26 Analyzed: 04/07/26

Chloride 720 20.0 250 443 111 80-120 0.133 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 Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Pickard State Tank Battery Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 04/07/26 13:04
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M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: Pickard State Tank Battery				Address: 3122 National Parks Hwy				E 60335		23003-0002					X	X			
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220															
Address: 3122 National Parks Hwy				Phone: 575-988-0055															
City, State, Zip: Carlsbad NM, 88220				Email: agiovengo@ensolum.com															
Phone: 575-988-0055				Miscellaneous:															
Email: agiovengo@ensolum.com																			

Sample Information										Analysis and Method								EPA Program		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	SDWA	CWA	RCRA			
9:24	3/30/2026	S	1	BH04-0'		1						X						3.5		
9:31	3/30/2026	S	1	BH04-1'		2						X						3.6		
9:33	3/30/2026	S	1	BH04-2'		3						X						3.7		
11:05	3/30/2026	S	1	BH05-0'		4						X						3.0		
11:06	3/30/2026	S	1	BH05-1'		5						X						3.9		
11:45	3/30/2026	S	1	BH06-0'		6						X						3.3		
11:46	3/30/2026	S	1	BH06-1'		7						X						3.6		
11:49	3/30/2026	S	1	BH06-3'		8						X						3.4		
12:03	3/30/2026	S	1	BH06-4'		9						X						3.2		
12:40	3/30/2026	S	1	BH07-0'		10						X						3.0		

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

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

Sampled by: Aboubakar Kone

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C _____
	3/31/26	7:11	Michelle Gonzales	3-31-26	0711	
Michelle Gonzales	3-31-26	1415	Nathan Gonzalez	3-31-26	1415	
Nathan Gonzalez	3-31-26	1800	Johnny Archuleta	3-31-26	1800	
Johnny Archuleta	3-31-26	2200	Nae S/B	4-1-26	0600	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA _____

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

Released to Imaging: 4/29/2026 7:24:33 AM

Received by OCD: 4/29/2026 7:23:27 AM

23 fo 03 ebaD

Page 100 of 113



Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: Pickard State Tank Battery				Address: 3122 National Parks Hwy				E 603375		23003-0002					X	X			
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220															
Address: 3122 National Parks Hwy				Phone: 575-988-0055															
City, State, Zip: Carlsbad NM, 88220				Email: agiovengo@ensolum.com															
Phone: 575-988-0055				Miscellaneous:															
Email: agiovengo@ensolum.com																			

Sample Information										Analysis and Method								EPA Program		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	SDWA	CWA	RCRA			
12:41	3/30/2026	S	1	BH07-1'		11						X								
12:44	3/30/2026	S	1	BH07-2'		12						X								
12:46	3/30/2026	S	1	BH07-3'		13						X								
13:08	3/30/2026	S	1	BH07-4'		14						X						Only run BGDOC if BH03-3' > 600 on Cl- and > 100 on TPH		
13:22	3/30/2026	S	1	BH08-0'		15						X								
13:23	3/30/2026	S	1	BH08-1'		16						X								

sample Temp

2.9

2.7

3.3

3.4

3.9

3.4

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

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

Sampled by: Aboubar Kone

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 5 °C on subsequent days. Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C _____
	3/31/26	7:11	Michelle Gonzales	3-31-26	0711	
Michelle Gonzales	3-31-26	1415	Matthias Gonzales	3-31-26	1415	
Matthias Gonzales	3-31-26	1800	Johnny Archuleta	3-31-26	1800	
Johnny Archuleta	3-31-26	2200	Na So	4-1-26	0600	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA _____

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

Released to Imaging: 4/29/2026 7:24:33 AM

Received by OCD: 4/29/2026 7:23:27 AM

Page 13 of 32

Page 101 of 113



Envirotech Analytical Laboratory

Printed: 4/1/2026 12:26:50PM

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 Production Company	Date Received: 04/01/26 06:00	Work Order ID: E603375
Phone: (972) 371-5200	Date Logged In: 03/31/26 16:10	Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com	Due Date: 04/07/26 17:00 (4 day TAT)	

Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
- 2. Does the number of samples per sampling site location match the COC? Yes
- 3. Were samples dropped off by client or carrier? Yes
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

Sample Turn Around Time (TAT)

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

Sample Cooler

- 7. Was a sample cooler received? Yes
- 8. If yes, was cooler received in good condition? Yes
- 9. Was the sample(s) received intact, i.e., not broken? Yes
- 10. Were custody/security seals present? No
- 11. If yes, were custody/security seals intact? NA
- 12. Was the sample received on ice? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Client remark-Only run BGDOC is BH03-3 >600 on CL and >100 on TPH.

Client Instruction

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

Date



envirotech Inc.

From: [Hall, Brittany, EMNRD](#)
To: [Chad Hamilton](#)
Cc: [Rodgers, Scott, EMNRD](#); [Ashley Urzedo](#); jason.touchet@matadorresources.com; [Minnix, Sharon, EMNRD](#); [Romero, Rosa, EMNRD](#); [Enviro, OCD, EMNRD](#); [Bratcher, Michael, EMNRD](#)
Subject: RE: [EXTERNAL] Alternative Sampling Plan - Pickard State Tank Battery - nAPP2605463259
Date: Wednesday, April 29, 2026 7:19:00 AM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[20260224_165409479_iOS.jpg](#)
[20260224_165356532_iOS.jpg](#)
[NM3500613 owned by Intrepid Potash North.pdf](#)

Chad,

The statement "... the well is chlorinated, the accompanying tank is being used as a surge tank, and the closest caprock wells are greater than 5 miles from the Site" and the email provided by Intrepid provided does not provide enough proof to prove that the Intrepid Potash North (Intrepid) well NM3500613 is not a freshwater well or an underground source of drinking water. Per 19.15.2.7 F. (3) NMAC, "**Fresh water**" to be protected includes the water in lakes and playas (regardless of quality, unless the water exceeds 10,000 mg/l TDS and it can be shown that degradation of the particular water body will not adversely affect hydrologically connected fresh ground water), the surface waters of streams regardless of the water quality within a given reach, and underground waters containing 10,000 mg/l or less of TDS except for which, after notice and hearing, it is found there is no present or reasonably foreseeable beneficial use that contamination of such waters would impair." Additionally, per 19.15.2.7 U. (1) NMAC, "**Underground source of drinking water**" means an aquifer that supplies water for human consumption or that contains ground water having a TDS concentration of 10,000 mg/l or less and that is not an exempted aquifer." The addition of chlorine as a treatment does not mean that the water is not fresh water or an underground source of drinking water.

As stated in the previous email, the alternative sampling plan is denied as the release is within 1000 feet of any fresh water well or spring. A complete and accurate remediation plan or a remediation closure report must be submitted through the OCD Permitting website by May 25, 2026.

Thank you,

Brittany Hall ● Environmental Field Compliance Supervisor
Environmental Field Compliance Group
EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
505.517.5333 | Brittany.Hall@emnrn.nm.gov

<http://www.emnrd.nm.gov/ocd/>

Effective 12/1/2024: OCD has updated guidance on karst potential occurrence zones. This notice can be found at: <https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/> under “2024 OCD ANNOUNCEMENTS AND NOTIFICATIONS”.

The Digital C-141 guidance documents can be found at <https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/> or <https://www.emnrd.nm.gov/ocd/ocd-forms/>.

From: Chad Hamilton <chamilton@ensolum.com>
Sent: Tuesday, April 28, 2026 2:01 PM
To: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Cc: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>; Ashley Urzedo <agiovengo@ensolum.com>; jason.touchet@matadorresources.com; Minnix, Sharon, EMNRD <Sharon.Minnix@emnrd.nm.gov>
Subject: RE: [EXTERNAL] Alternative Sampling Plan - Pickard State Tank Battery - nAPP2605463259

Good afternoon,

During Ensolum's environmental desktop review of the Pickard State Tank Battery (Site), the Intrepid Potash North (Intrepid) well NM3500613 was identified as a potential sensitive site receptor. Based on photos collected during the initial Site visit (attached), further investigation to determine if this well was currently in use for its permitted purpose was necessary. Ensolum reached out to Intrepid personnel and according to the Robin Hughes, the well is chlorinated, the accompanying tank is being used as a surge tank, and the closest caprock wells are greater than 5 miles from the Site (Intrepid response email is attached). The blue lines on the OCD Oil and Gas Map are buried pipelines in the vicinity of the Pickard Site but are listed as OSE streams when you click on them (they are not present on the USA Topo Map) and will not be considered as significant watercourses by the OCD.

Please let me know if you have any additional questions.

Thanks,

From: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Sent: Tuesday, April 28, 2026 1:58 PM
To: Chad Hamilton <chamilton@ensolum.com>
Cc: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>; Ashley Urzedo <agiovengo@ensolum.com>; jason.touchet@matadorresources.com; Minnix, Sharon, EMNRD <Sharon.Minnix@emnrd.nm.gov>
Subject: RE: [EXTERNAL] Alternative Sampling Plan - Pickard State Tank Battery - nAPP2605463259

■

Some people who received this message don't often get email from brittany.hall@emnrd.nm.gov. [Learn why this is important](#)

****EXTERNAL EMAIL****

Chad,

The alternative sampling plan for the Pickard State Tank Battery (nAPP2605463259) is denied.

Pursuant to 19.15.29.12 (C)(4)(c)(ii) NMAC, If a release occurs within the following areas, the responsible party must treat the release as if it occurred less than 50 feet to ground water in Table I of 19.15.29.12 NMAC: **(ii)** 1000 feet of any fresh water well or spring. There is a drinking water well located less than 1,000 feet southwest of the site.

The site must be remediated to the most stringent closure criteria and the final confirmation samples must be 5-point composite samples representative of no more than 200 square feet.

Please submit a complete and accurate remediation plan or a remediation closure report through the OCD Permitting website by May 25, 2026.

Thank you,

Brittany Hall ● Environmental Field Compliance Supervisor
Environmental Field Compliance Group
EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
505.517.5333 | Brittany.Hall@emnrd.nm.gov
<http://www.emnrd.nm.gov/ocd/>

Effective 12/1/2024: OCD has updated guidance on karst potential occurrence zones. This notice can be found at: <https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/> under “2024 OCD ANNOUNCEMENTS AND NOTIFICATIONS”.

The Digital C-141 guidance documents can be found at <https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/> or <https://www.emnrd.nm.gov/ocd/ocd-forms/>.

From: Chad Hamilton <chamilton@ensolum.com>

Sent: Thursday, April 23, 2026 11:29 AM

To: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>; Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>

Cc: Jason Touchet <jason.touchet@matadorresources.com>; Ashley Urzedo

<agiovengo@ensolum.com>

Subject: [EXTERNAL] Alternative Sampling Plan - Pickard State Tank Battery - nAPP2605463259

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

Hello,

Matador Production Company (Matador) is requesting an alternative sampling plan at the Pickard State Tank Battery (Site). The release occurred on February 23, 2026, and approximately 8 barrels (bbls) of produced water were released onto the pad surface; 1 bbl was recovered, 7 bbls were unrecoverable. The southwest portion of the release extent remained on pad but impacted an area where the pad has been mostly revegetated (see Figure 2). Matador reported the release to the New Mexico Oil Conservation Division (NMOCD) on February 23, 2026, and subsequently the release was assigned Incident Number nAPP2605463259. The release impacted an area approximately 2,719 square feet (sq. ft.) in size on state land managed by the New Mexico State Land Office. The closest permitted well with available depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) soil boring CP 01582 POD1, located 902 feet south of the Site; CP 05182 POD1 has a reported depth to water of 108 feet below ground surface (bgs). Soil Boring CP 01582 POD1 is an exploratory well that was drilled to determine water availability in the area and not for domestic or agricultural use. A desktop review for potential site receptors has been completed, and the site is greater than 1,000 ft. to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine (see Figure 1). The closest significant watercourse is an intermittent dry wash located approximately 1.07 miles northeast of the Site. The Site is not underlain by unstable geology (low potential karst designation area) and there are no indicators of surface or subsurface karst features observed at the Site. Based on the results of the desktop review, the following Site Closure Criteria will apply: 10 mg/kg benzene, 50 mg/kg BTEX, 1,000 mg/kg TPH – Gasoline Range Organics (GRO) and TPH – Diesel Range Organics (DRO), 2,500 mg/kg Total TPH and 20,000 mg/kg chloride.

Lateral and vertical delineation soil sampling has been completed at the Site (see Table 1 and Figure 2). Eight lateral delineation soil samples (SS01 through SS08) were collected from around the release extent at depths ranging from ground surface to 1-foot bgs and all were in compliance with the strictest Closure Criteria per NMOCD Table I. During lateral delineation activities historical impacts were found not associated with the release extent. Vertical delineation soil sample locations (BH01 through BH08) were advanced within and around the release extent and were in compliance with the strictest

Closure Criteria at depths ranging from ground surface to 3 feet bgs (see Table 1). Concentrations of chloride exceeding the Site Closure Criteria did not extend greater than 1-foot bgs in boreholes (BH01, BH02, BH03, BH06, BH07, and BH08) impacting an area approximately 50,619 sq. ft. in size. Matador would like to request an alternative sampling plan for excavation floor samples collected every 400 sq. ft. from the floor of the excavation and every 200 sq. ft. from the sidewalls of the excavation where applicable. Excavation of the subject matter release will begin as soon as Matador selects a subcontractor. Matador will submit a closure report required in 19.15.29.12.B. (1) NMAC following excavation and confirmation soil sampling activities. Matador believes this alternative sampling plan will provide equal or better protection of public health, and the environment considering the release occurred in a low potential karst designation area, and depth to groundwater at the Site is confirmed to be 108 feet bgs. Matador respectfully requests approval for this alternative sampling plan associated with Incident Number (nAPP2605463259).

Kind Regards,



Chad Hamilton

Project Geologist

940-923-0072

Ensolum, LLC

in f 

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SE

S

SW

90

120

150

180

210

240

☉ 167°S (T) ● 32°43'35"N, 103°34'51"W ±13ft ▲ 4057ft





☀ 179°S (T) ● 32°43'35"N, 103°34'51"W ±16ft ▲ 4060ft



Site Assessment
Ensolum, LLC

Pickard State TB
24 Feb 2026, 09:54:09

From: [Ashley Urzedo](#)
To: [Chad Hamilton](#)
Subject: Fw: NM3500613 owned by Intrepid Potash North
Date: Tuesday, April 28, 2026 8:34:56 AM
Attachments: [image006.png](#)
[image007.png](#)
[image008.png](#)

From: Robin Hughes <robin.hughes@intrepidpotash.com>
Sent: Wednesday, March 11, 2026 2:46 PM
To: Ashley Urzedo <agiovengo@ensolum.com>
Cc: Chad Hamilton <chamilton@ensolum.com>; Jason Touchet <jason.touchet@matadorresources.com>; Dusten Russell <dusten.russell@intrepidpotash.com>; Christina Sheehan <christina.sheehan@intrepidpotash.com>; Annie Brethour <annie.brethour@intrepidpotash.com>
Subject: RE: NM3500613 owned by Intrepid Potash North

[**EXTERNAL EMAIL**]

Ashley,

The tank is an active surge tank and the water is chlorinated.

The closest caprock wells are about 5 miles away.

Hope this helps.

Robin Hughes
Environmental Technician III



210 Red Cloud Road
Carlsbad, NM 88220
575-941-2212
robin.hughes@intrepidpotash.com

From: Ashley Urzedo <agiovengo@ensolum.com>
Sent: Wednesday, March 11, 2026 1:41 PM
To: Robin Hughes <robin.hughes@intrepidpotash.com>
Cc: Chad Hamilton <chamilton@ensolum.com>; Jason Touchet <jason.touchet@matadorresources.com>
Subject: RE: NM3500613 owned by Intrepid Potash North

Hi Robin – any word on this?

Thanks,



Ashley Urzedo

Associate Principal

575-988-0055

Ensolum, LLC

in f X

“Your authenticity is your superpower.” – Unknown

From: Robin Hughes <robin.hughes@intrepidpotash.com>

Sent: Thursday, March 5, 2026 1:56 PM

To: Ashley Giovengo <agiovengo@ensolum.com>

Cc: Chad Hamilton <chamilton@ensolum.com>; Jason Touchet <jason.touchet@matadorresources.com>

Subject: RE: NM3500613 owned by Intrepid Potash North

You don't often get email from robin.hughes@intrepidpotash.com. [Learn why this is important](#)

[**EXTERNAL EMAIL**]

Ashley,

I have forwarded this request to upper management for their review.

Sincerely,

Robin Hughes
Environmental Technician III



210 Red Cloud Road

Carlsbad, NM 88220

575-941-2212

robin.hughes@intrepidpotash.com

From: Ashley Giovengo <agiovengo@ensolum.com>

Sent: Thursday, March 5, 2026 12:43 PM

To: Robin Hughes <robin.hughes@intrepidpotash.com>

Cc: Chad Hamilton <chamilton@ensolum.com>; Jason Touchet <jason.touchet@matadorresources.com>

Subject: NM3500613 owned by Intrepid Potash North

You don't often get email from agiovengo@ensolum.com. [Learn why this is important](#)

Hi Robin,

Please see the attached photos and please let me know if you need any additional information. We are trying to determine if there is a freshwater well at this location or if this is just a gathering station for treated or produced water.

Kind Regards,



Ashley Urzedo

Associate Principal

575-988-0055

Ensolum, LLC

in f X

“Your authenticity is your superpower.” – Unknown

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

General Information
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 580035

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 580035
	Action Type: [IM-SD] Incident File Support Doc (ENV) (IM-BNF)

CONDITIONS

Created By	Condition	Condition Date
bhall	Upload of email correspondence of denied alternative sampling plan.	4/29/2026