

December 3, 2025

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

Re: Remediation Work Plan

Janie Conner TB

Incident Number: nAPP2515826889

Eddy County, New Mexico

To Whom it May Concern:

Ensolum, LLC (Ensolum), on behalf of Matador Production Company, (Matador), has prepared this *Remediation Work Plan (RWP)* to document assessment and soil sampling activities at the Janie Conner TB (Site) and proposing additional remedial actions. The purpose of the Site assessment and soil sampling activities was to address impacted and waste-containing soil resulting from a release of produced water. Matador is submitting this *RWP*, describing analytical results from delineation soil sampling activities associated with Incident Number nAPP2515826889 and analytical results from an investigation into naturally occurring chloride at the Site. Matador is proposing excavation of the subject matter release within the parameters of a background chloride variance request and prior to submitting a *Deferral* or *Closure Request*.

BACKGROUND

The Site is located in Unit A, Section 14, Township 24 South, Range 28 East, in Eddy County, New Mexico (32.22184°, -104.05117°) and is associated with oil and gas exploration and production operations on private land.

On June 6, 2025, a poly, produced water transfer line ruptured resulting in the release of approximately 32 barrels (bbls) of produced water onto the pad surface and within a lined secondary containment; 10 bbls of produced water were recovered, 22 bbls of produced water were unrecoverable. Matador reported the release to the New Mexico Oil Conservation Division (NMOCD) via Notification of Release (NOR) on June 7, 2025, and submitted a Release Notification Form C-141 (Form C-141) on June 10, 2025. The release was assigned Incident Number nAPP2515826889.

A 48-hour advance notice of a liner inspection was submitted via the NMOCD web portal on July 14, 2025. A liner integrity inspection was conducted by Ensolum personnel on July 16, 2025, and the liner was determined to be insufficient, though the release did not encounter the damaged liner and as a result, the release in question did not migrate vertically through the damaged liner. The Form C-141 can be referenced within the NMOCD Incident Portal.

A request to use the background chloride variance associated with incident number nAPP2422623967 was submitted to NMOCD via email on June 9, 2025, and was approved on June 18, 2025. A 90-day extension request was submitted to the NMOCD on September 4, 2025, and approved by the NMOCD on the same day.

Ensolum, LLC | Environmental, Engineering & Hydrogeologic Consultants 3122 National Park Highway | Carlsbad, NM 88220 | ensolum.com



On January 13, 2025, Ensolum personnel conducted soil sampling around the Site to assess for the presence or absence of naturally occurring chloride in undisturbed soil horizons, in association with incident number nAPP2422623967. A total of four background samples (BG01 through BG04) were collected in areas that did not appear to be disturbed by oil and gas operations and at depths ranging from ground surface to 3 feet bgs. Delineation soil sample locations and background soil sample locations are presented on Figure 2.

In order to address the concerns regarding naturally occurring chloride at the Site, Matador is submitting this RWP, describing analytical results from delineation soil sampling activities and requesting a background chloride variance at the Site prior to beginning remediation of the subject matter release.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

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

According to the New Mexico Office of the State Engineer (NMOSE), the closest permitted groundwater well with depth to groundwater data is C -04828 POD1, located approximately 0.44 miles south of the Site. The well had a reported depth to groundwater greater than 55 feet below ground surface (bgs) and a total depth of 55 feet bgs. All wells used for depth to groundwater determination are presented on Figure 1. The referenced well record is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is an irrigation canal, located approximately 311 feet southeast of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is potentially underlain by unstable geology (medium potential karst designation area). Site receptors are identified on Figure 1.

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

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

Laboratory analytical results for background delineation soil samples BG01 through BG04 indicated concentrations for benzene, BTEX, and TPH were non-detect and chloride concentration were elevated (696 mg/kg to 27,100 mg/kg) at depths ranging from ground surface to 3 feet bgs. The approved background chloride variance allowed for chloride concentrations to not exceed 11,799 mg/kg at ground surface, 3,972 mg/kg at 1-foot bgs, 3,323 mg/kg at 2 feet bgs, and 2,763 mg/kg at 3 feet bgs.

SITE ASSESSMENT AND DELINEATION SOIL SAMPLING ACTIVITIES

Beginning on June 11, 2025, Ensolum personnel were onsite to delineate the lateral and vertical extent of the release as indicated by field observations and information provided on the C-141. Eight lateral soil samples (SS01 through SS06, SS05A, and SS06A) were collected at ground surface and 1-foot bgs.



Three boreholes (BH01 through BH03) were advanced via hand auger and gas-powered core drill within the release extent to assess the vertical extent of impacted soil. Boreholes BH01 through BH03 were advanced to depths ranging from 3 feet to 17 feet bgs.

On July 16, 2025, Ensolum personnel returned to the Site to conduct a liner integrity inspection. The lined secondary containment was cleaned of all debris and pressure washed prior to conducting the Liner Integrity Inspection. During the liner inspection, one hole was found outside of the release extent and was subsequently patched. Due to the proximity of the hole to the release extent vertical delineation was not conducted.

All delineation soil samples were field screened for chloride and TPH utilizing Hach® chloride QuanTab® test strips and a PetroFLAG® Soil Analyzer System, respectively. Field screening results and observations for the boreholes were logged on lithologic/soil sampling logs, which are included in Appendix B. Photographic documentation of delineation activities is included in Appendix C.

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

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for preliminary soil samples SS01 through SS04, SS05A, and SS06A were all in compliance with the approved background chloride variance at ground surface and 1-foot bgs. Laboratory analytical results for boreholes BH02 and BH03 indicated all COCs were in compliance with the approved background chloride variance at ground surface and 2 feet bgs, respectively. The concentrations of chloride exceeded the approved background chloride variance at ground surface to 4 feet bgs. Laboratory analytical results for borehole BH03 indicated concentrations for TPH exceeded Site Closure Criteria at ground surface, but were in compliance with the strictest Closure Criteria per NMOCD Table I for TPH at 2 feet bgs. Laboratory analytical results for borehole BH01 indicated elevated chloride concentrations at ground surface and 4 feet bgs, but concentrations in all boreholes were withing the natural range documented in background boreholes BG01 through BG04.

Laboratory analytical results for preliminary soil samples SS05 and SS06 were not in compliance with the approved background chloride variance or the Site Closure Criteria; however, chloride concentrations were in the naturally occurring chloride range found in background sample locations BG01 through BG04. Laboratory analytical results are summarized in Tables 1 and 2, and the complete laboratory analytical reports are included as Appendix D.

BACKGROUND CHLORIDE VARIANCE

Vertical delineation results from delineation boreholes BH01 through BH03 indicated elevated chloride concentrations from the release at ground surface (18,800 mg/kg) in BH01. The drop in chloride concentration from ground surface (18,800 mg/kg) to 2 feet bgs (8,430 mg/kg) in BH01 exhibits a demarcation of impacts within the release extent. Gross impacts from the release are present from ground surface to approximately 2 feet bgs (8,430 mg/kg) in BH01. Gross impacts from the produced water release are generally confined to the top 2 feet of soil beneath the release footprint. The soil



structure documented beneath the release extent is naturally high in chloride and is contributing to the perceived impacted soil beneath the release extent.

PROPOSED REMEDIATION WORK PLAN

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

- Based on the presence of naturally occurring chlorides (Table 2), vertical delineation in accordance with the proposed background chloride range of 696 mg/kg to 27,100 mg/kg was achieved in boreholes (BH01 through BH03).
- The original release extent detected elevated chloride concentrations (18,800 mg/kg) at ground surface in borehole BH01 and TPH impacts at ground surface in borehole BH03. Based on Table 1, impacted soil is demarcated by chloride concentrations greater than the average of naturally forming chlorides at ground surface (11,799 mg/kg) and TPH impacts (Table 3). Excavation of TPH impacts and elevated chloride concentrations will be achieved through the removal of TPH impacts to below 100 mg/kg and chloride impacts to below 11,799 mg/kg based on the demarcation lines in Table 1. In general, excavation of impacted soil is anticipated to advance to a depth of 1-foot bgs based on laboratory analytical data.
- Excavate any impacted or waste-containing soil from within the release extent to the maximum extent practicable (MEP) to comply with the approved chloride variance. Following removal of impacted soil, Ensolum personnel will collect 5-point composite soil samples representing no more than 200 square feet from the floor and sidewalls of the excavation. The 5-point composite samples will be collected by placing five equivalent aliquots of soil into a resealable plastic bag and homogenizing the samples by thoroughly mixing. Sidewall soil samples will utilize the chloride variance concentration that correlates to their depth. Impacted and/or waste-containing soil will be transferred to an approved landfill facility for disposal.
- Borehole BH01 indicated chloride concentrations greater than 10,000 mg/kg at a depth of 4 feet bgs. In anticipation of a *Deferral Request* based on the proximity of active production equipment and safety concerns, Matador intends to commission a geophysical karst survey using a Bureau of Land Management (BLM) approved third-party cave/karst contractor. The karst survey will be conducted by Southwest Geophysical Consulting, LLC, under the supervision of Dave Decker. The karst survey will be conducted to assess for the presence or absence of karst features beneath the Site. Based on the findings of the karst survey, the Site Closure Criteria may be changed from the strictest Closure Criteria to the middle Closure Criteria.
- Lateral delineation soil sample SS06 is not compliant with the approved background chloride
 variance at 1-foot bgs. Chloride concentration in sample location SS06 is within the naturally
 occurring chloride range. After the karst potential is evaluated, excavation of this location may
 not be warranted. If the Site Closure Criteria is changed soil sample location SS06 will not be
 excavation due to it being in compliance with the Site Closure Criteria. If subsurface anomalies
 associated with karst are identified, soil sample location SS06 will be remediated to the MEP.
- Based on laboratory analytical results, the proposed excavation extent measures 1,943 square feet in size and an estimated 98 cubic yards (35% expansion factor included), will be removed from the Site (see Figure 3).
- The excavation will be backfilled and recontoured to match pre-existing conditions.



If there are areas to be deferred on pad due to the presence of equipment and/or pipelines, such
as those under a lined secondary containment, lateral delineation samples will be collected to
properly quantify the residual soil impacts that will be addressed during major Site reconstruction
or following plugging and abandonment of the well and reclamation of the well pad.

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

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

Sincerely, **Ensolum, LLC**

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

cc: Jason Touchet, Matador

Appendices:

Appendix D

Appendix E

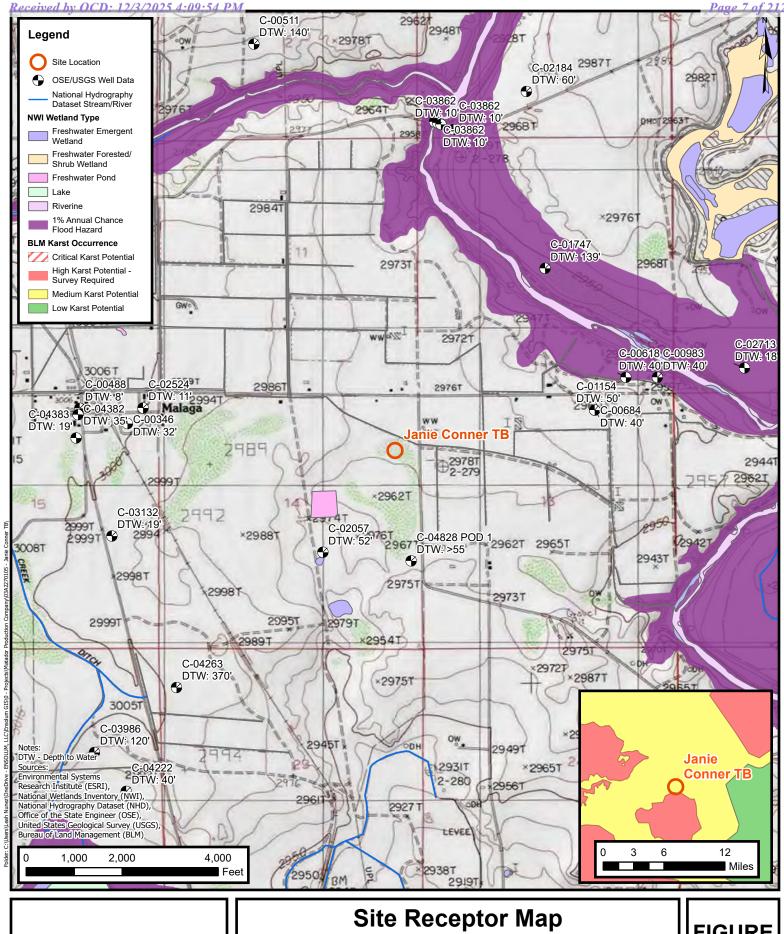
Figure 1 Site Receptor Map Figure 2 **Delineation Soil Sample Locations** Figure 3 **Proposed Excavation Extent** Table 1 Soil Sample Analytical Results (Delineation Soil Samples) Soil Sample Analytical Results (Background Delineation Soil Samples) Table 2 Table 3 Background Delineation Soil Sample Averages Well Record and Log Appendix A Appendix B Lithologic Soil Sampling Logs Appendix C Photographic Log

NMOCD Correspondence

Laboratory Analytical Reports & Chain-of-Custody Documentation



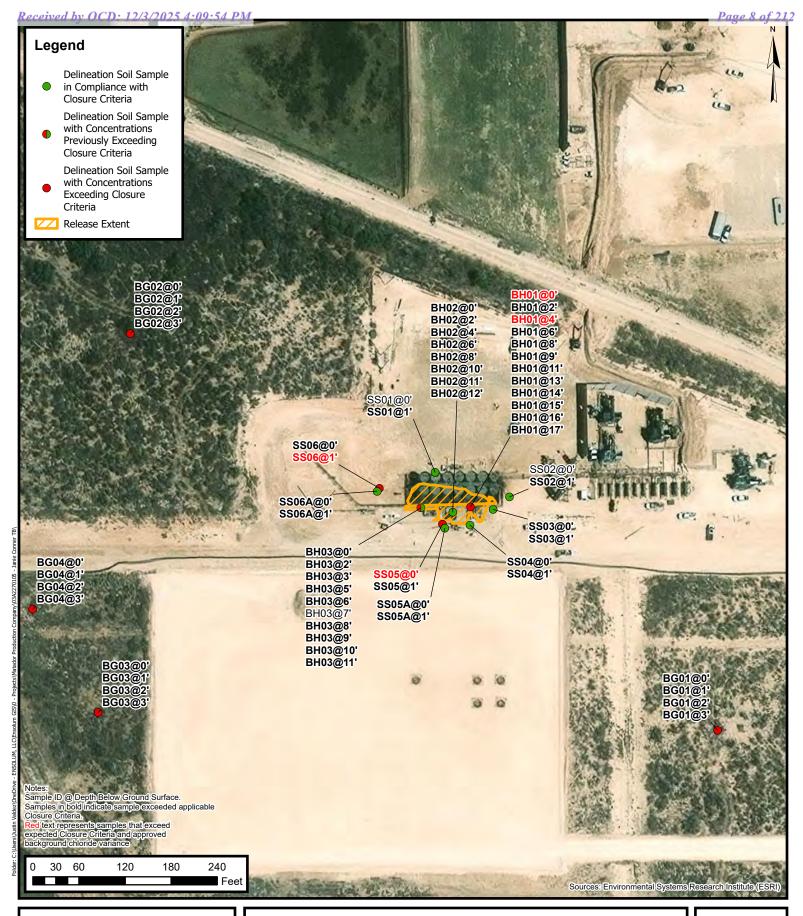
FIGURES





Matador Production Company Janie Conner TB Incident Number: nAPP2515826889 Unit A, Section 14, T 24S, R 28E Eddy County, New Mexico FIGURE 1

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Delineation Soil Sample Locations

Matador Production Company Janie Conner TB Incident Number: nAPP2515826889 Unit A, Section 14, T 24S, R 28E Eddy County, New Mexico FIGURE 2





Proposed Excavation Extent

Matador Production Company Janie Conner TB Incident Number: nAPP2515826889 Unit A, Section 14, T 24S, R 28E Eddy County, New Mexico FIGURE 3



TABLES





TABLE 1 **SOIL SAMPLE ANALYTICAL RESULTS**

				Eddy	/ County, New M	exico				
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)
MOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
Approve	d Background Chloride	Variance	10	50	NE	NE	NE	NE	100	11,799
				Delin	eation Soil Sar	nples				
BH01	6/24/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	18,800
BH01	6/24/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	8,430
BH01	6/24/2025	4	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	10,300
BH01	6/24/2025	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	7,150
BH01	6/24/2025	8	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,420
BH01	6/24/2025	9	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,270
BH01	6/25/2025	11	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	7,200
BH01	6/25/2025	13	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,730
BH01	7/7/2025	14	<0.0250	<0.0500	<20.0	<25.0	57.3	<25.0	57.3	1,870
BH01	7/7/2025	15	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,360
BH01	7/7/2025	16	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,560
BH01	7/7/2025	17	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,720
BH02	6/25/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,610
BH02	6/27/2025	2	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,770
BH02	6/27/2025	4	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,070
BH02	6/27/2025	6	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,710
BH02	6/27/2025	8	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,070
BH02	6/27/2025	10	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,260
BH02	6/27/2025	11	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,120
BH02	6/27/2025	12	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,160
BH03	6/27/2025	0	<0.0250	<0.0500	<20.0	56.0	79.4	56.0	135	6,760
BH03	6/27/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,500
BH03	6/27/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	872
BH03	6/27/2025	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,060
BH03	7/8/2025	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,510
BH03	7/8/2025	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	433
BH03	7/8/2025	8	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	721
BH03	7/8/2025	9	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,530
BH03	7/8/2025	10	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,280
BH03	7/8/2025	11	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,450



TABLE 1 - CONT'D

SOIL SAMPLE ANALYTICAL RESULTS

Janie Conner TB
Matador Production Company
Eddy County, New Mexico

				Luu	y County, New IVI	CAICO				
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
Approve	d Background Chloride	Variance	10	50	NE	NE	NE	NE	100	11,799
				Delir	neation Soil Sar	mples				
SS01	6/11/2025	0	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	155
SS01	6/11/2025	1	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	991
SS02	6/11/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	103
SS02	6/11/2025	1	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	794
SS03	6/11/2025	0	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,220
SS03	6/11/2025	1	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,980
SS04	6/11/2025	0	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	8,260
SS04	6/11/2025	1	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	619
SS05	6/11/2025	0	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	14,900
SS05	6/11/2025	1	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	836
SS05A	6/24/2025	0	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,480
SS05A	6/24/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,050
SS06	6/11/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	8,670
SS06	6/11/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,280
SS06A	6/24/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,470
SS06A	6/24/2025	1	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1.980

Notes:

bgs: below ground surface mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

Red text represents samples that exceed approved background chloride variance

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

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

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

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes



TABLE 2

SOIL SAMPLE ANALYTICAL RESULTS

Janie Conner TB
Matador Production Company
Eddy County, New Mexico

				Euu	y County, New W	EXICO				
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
Approve	d Background Chloride	Variance	10	50	NE	NE	NE	NE	100	11,799
				Bacl	kground Soil San	nples				
BG01*	1/13/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	786
BG01*	1/13/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	696
BG01*	1/13/2025	2	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,210
BG01*	1/13/2025	3	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,800
BG02*	1/13/2025	0	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,210
BG02*	1/13/2025	1	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,770
BG02*	1/13/2025	2	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,540
BG02*	1/13/2025	3	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,890
BG03*	1/13/2025	0	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	15,100
BG03*	1/13/2025	1	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,860
BG03*	1/13/2025	2	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,710
BG03*	1/13/2025	3	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,130
BG04*	1/13/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	27,100
BG04*	1/13/2025	1	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,560
BG04*	1/13/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,830
BG04*	1/13/2025	3	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2.230

Notes:

bgs: below ground surface mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

Red text represents samples that exceed expected Closure Criteria and approved background chloride variance

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

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

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



TABLE 3 SOIL SAMPLE ANALYTICAL RESULTS Janie Conner TB Matador Production Company Eddy County, New Mexico										
Depth (feet bgs) Date BG01 BG02 BG03 BG04 Chloride (mg/kg)										
NMOCD Table I	NMOCD Table I Closure Criteria (NMAC 19.15.29) 600									
Approved Background	Chloride Variance					11,799				
		Backgrou	und Soil Sample	Averages						
0	1/13/2025	786	4,210	15,100	27,100	11,799				
1	1/13/2025	696	2,770	6,860	5,560	3,972				
2	1/13/2025	1,210	3,540	4,710	3,830	3,323				
3	1/13/2025	1,800	1,890	5,130	2,230	2,763				

Notes:

bgs: below ground surface mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Red text represents samples that exceed expected Closure Criteria and approved background chloride variance Concentrations in **bold** exceed the NMOCD Table I Closure Criteria or reclamation standard where applicable.

[&]quot;<": Laboratory Analytical result is less than reporting limit

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



APPENDIX A

Well Record and Log



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

Ž	OSE POD NO. (POD 1	WELL NO	.)		WELL TAG ID NO N/A	l.		OSE FILE NO(S C-04828 PO				
\TI0	WELL OWNER	NAME(S)						PHONE (OPTIO	ONAL)			
OC.	Matador Pro	duction	Company									
AND WELL LOCATION	WELL OWNER		ADDRESS treet 2nd Floor					CITY		STATE NIM 89210	ZIP	
WE	K347 N20tii	Kuiai 5						Artesia		NM 88210		
ANE	WELL		DE	GREES 32	minutes 12	SECON 56.	0	* ACCUDACY	DEOLUBED, ONE TEN	TH OF A SECOND		
GENERAL	LOCATION (FROM GPS)		TITUDE	104	03	00.	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84				
ENE	LONGITUDE 104 03 00.3 DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS -								WNSHIIP RANGE) WH	IERE AVAII ARI E		
1. G			Township 24S, Rang			IN LANDING	AICKS — I LS	13 (SECTION, 10	WNSIBII, KANGE) WII	EKE AVAILABLE		
	LICENSE NO.		NAME OF LICENSED	DDILLED			NAME OF WELL DD	II I ING COMBANY				
	WD118	38	NAME OF LICENSED		ohn Scarboroug	h		NAME OF WELL DRILLING COMPANY John Scarborough Drilling Inc.				
	DRILLING STA		DRILLING ENDED	DEPTH OF CO	MPLETED WELL (F	T)		HOLE DEPTH (FT) DEPTH WATER FIRST ENCOUNTERED (FT				
	06/10/20)24	06/10/2024		55'			55' N/A				
z	COMPLETED V	VELL IS:	ARTESIAN	✓ DRY HOL	E SHALLO	OW (UNCO	NFINED)		STATIC WATER LEV	/EL IN COMPLETED WE N/A	LL (FT)	
TIO	DRILLING FLU	ID:	✓ AIR	MUD MUD	ADDITIV	VES – SPEC	CIFY:					
)RM	DRILLING ME	ГНОD:	✓ ROTARY	☐ HAMMER	. CABLE	ГООL	ОТНЕ	R – SPECIFY:				
CASING INFORMATION	DEPTH (feet bgl)		BORE HOLE	CASING	MATERIAL ANI GRADE	D/OR	C.A	ASING	CASING	CASING WALL	SLOT	
SING	FROM	ТО	DIAM (inches)	(include each casing string, and			Т	NECTION TYPE	INSIDE DIAM. (inches)	THICKNESS (inches)	SIZE (inches)	
& CA	0	55	5.00	note s	Soil Boring (and c		(add coup	ling diameter)	-	-	-	
NG S												
DRILLING												
2. DR												
	DEPTH (f	eet bgl)	BORE HOLE	LIS	ST ANNULAR S	EAL MA	TERIAL A	AND	AMOUNT	МЕТНО	D OF	
IAL	FROM	TO	DIAM. (inches)	GRA'	VEL PACK SIZE	E-RANGE N/A	BY INTE	ERVAL	(cubic feet)	PLACEN	IENT	
TER												
R MA												
ULA												
ANNULAR MATERIAL												
3.												
FOE	OSE INTERN	AT TICE						***** =	o well become	& LOG (Version 04/3)	0/10)	
HUR	LINE IN LERN	at IINH						W/R = 21			0.1941	

POD NO.

TRN NO.

WELL TAG ID NO.

PAGE 1 OF 2

FILE NO.

LOCATION

	DEPTH (1	TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONE (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
•	0	10	10	Sand with Gravel, light brown to tan, fine to medium with some grave	l Y ✓ N	
	10	20	10	Sand with Gravel, light brown to tan, fine to medium with some grave		
	20	30	10	Sand with Gravel, light brown to tan, fine to medium with some grave		
	30	40	10	Gypsum with Gravel, Clear with pink to black inclusions, fine to coarse w	ith gra Y ✓ N	
	40	50	10	Gypsum with Gravel, Clear with pink to black inclusions, fine to coarse w	ith trac Y ✓ N	
د	50	55	5	Gypsum with Gravel, Clear with pink to black inclusions, fine to coarse w		
VEL	55	55	0	Gypsum with Gravel, Clear with pink to black inclusions, fine to coarse w		
OF V					Y N	
50					Y N	
CL					Y N	
50					Y N	
EOL					Y N	
908					Y N	
4. HYDROGEOLOGIC LOG OF WELL					Y N	
4. H					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
	METHOD U	SED TO ES	I TIMATE YIELD	OF WATER-BEARING STRATA:	TOTAL ESTIMATED	
	PUMI		IR LIFT	BAILER OTHER – SPECIFY:	WELL YIELD (gpm):	0.00
	Птомп		IK LIF1	BAILER OTHER - SPECIFT.		
ION	WELL TES	TEST STAR	RESULTS - ATT I TIME, END TI	ACH A COPY OF DATA COLLECTED DURING WELL TESTING, INC ME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVI	CLUDING DISCHARGE E ER THE TESTING PERIC	METHOD, DD.
TEST; RIG SUPERVISION	MISCELLA	NEOUS INF	ORMATION:			
PEI						
S S						
[; R						
TES	PRINT NAM	IE(S) OF DI	RILL RIG SUPEF	RVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CON	STRUCTION OTHER TH	HAN LICENSEE:
5.						
	DIL GEORGE	G PET ST	I GEDZIEV	THE THE DESCRIPTION AND VINIOUS EDGE. AND DEVICE THE THE	ECODIC IS 1 TRITE	ND CORPECT
æ	RECORD O	THE ABO	VE DESCRIBED	IAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOR DWELL. I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HA	S BEEN INSTALLED A	ND THAT THIS
T.	WELL RECO	ORD WILL .	ALSO BE FILED	WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPL	LETION OF WELL DRIL	LING.
SIGNATURE	Scott	\\ S	Digitally signed by Scott Scarborough	Scott Scarborough	06/26/2024	
6. SI	Scarboro	ugh	Date: 2024.06.26 07:04:55 06'00'		00/20/2024	
		SIGNAT	URE OF DRILLE	ER / PRINT SIGNEE NAME	DATE	

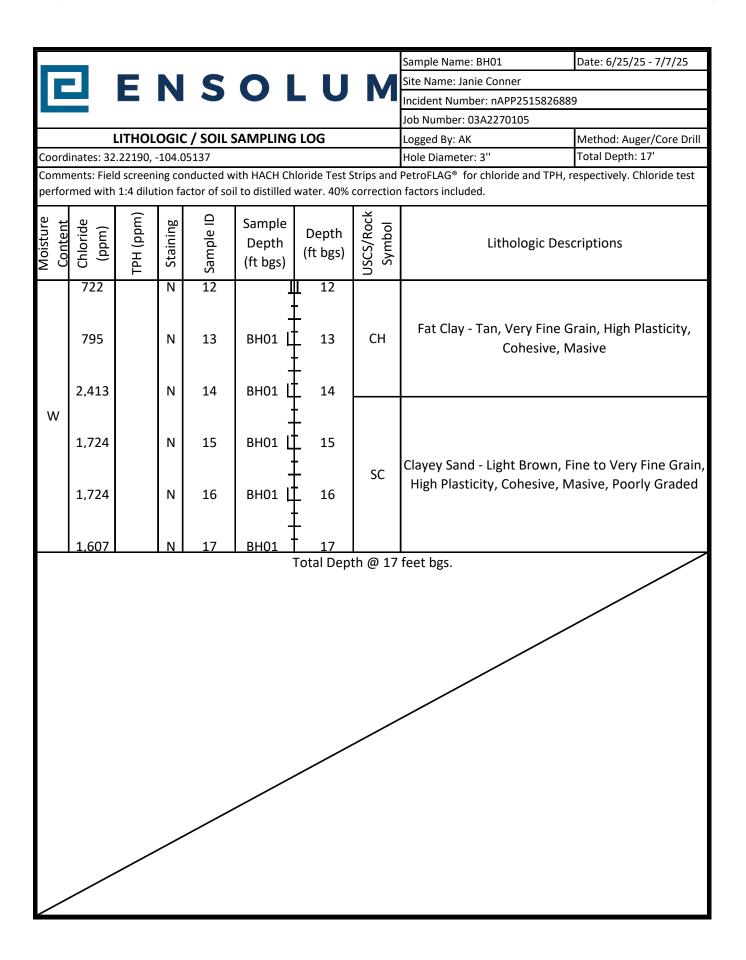
FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Vers	sion 04/30/2019)	
FILE NO.	POD NO.		TRN NO.	
LOCATION		WELL	TAG ID NO.	PAGE 2 OF 2



APPENDIX B

Lithologic Soil Sampling Logs

								Sample Name: BH01	Date: 6/25/25 - 7/7/25		
			NI	C		LU	RA	Site Name: Janie Conner	•		
								Incident Number: nAPP251582688	9		
								Job Number: 03A2270105			
	L	ITHOL	OGIC	C / SOIL S	AMPLING	LOG		Logged By: AK Method: Auger/Core I			
Coord	inates: 32	.22190, -	104.0	5137				Hole Diameter: 3''	Total Depth: 17'		
Comm	ents: Field	d screeni	ng co	nducted w	ith HACH Ch	loride Test S	Strips and	PetroFLAG® for chloride and TPH,	respectively. Chloride test		
perfor	med with	1:4 dilut	ion fa	ctor of soi	to distilled	water. 40%	correction	factors included.			
Moisture Content	Chloride (ppm)	трн (ррт)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Des	criptions		
			N	BH01	0 <u>I</u>	L o		Sand with Silt - Dark Brov	wn, Fine to very Fine		
М	>3,438		N		1 _	1	SW-SM	Grain, Low Plasticity, Non-C Grade	· ·		
	>3,438		N	BH01	- 2	<u>-</u> - _ 2	ССНЕ	Caliche - Brown to Tan, Cohesive, Massive,	, Well Graded		
	>3,438		N		3	- - - 3	SP-SM	Sand with Clay - Brown, Fi Medium Plasticity, Cohes Grade	ive, Massive, Poorly		
	>3,438		N	BH01	4 <u>-</u>	- - - - -	SC	Clayey Sand - Brown, Find Medium Plasticity, Cohes Grade	ive, Massive, Poorly		
VM	>3,438		N		5 _	5 -		Clayey Sand w/ Trace Gyp: Fine Grain, Medium Plasti	· ·		
	>3,438		N	BH01	6	6		Poorly Gra			
	>3,438		N		7 <u>-</u> -	- - 7 -	SP	Sand w/ Trace Gypsum - ⁻ Grain, Non-Plastic, Non-Col	nesive, Massive, Poorly		
	3,438		N	BH01	8	_ 8		Grade	d		
S	946		N	BH01	9	- - - - 9					
	1,607		N		10	10	SP-SC	Sand with Clay and Trace (Grain, Low Plasticity, Cohe Grade	sive, Massive, Poorly		
W	1,400		N	BH01	11 _	11	SP	Sand - Tan, Fine to Mediu Non-Cohesive, Massiv			
	722		N		12	12	СН	Fat Clay - Tan, Very Fine (Cohesive, N			



								Sample Name: BH02	Date: 6/27/25
	-		N	C	OI			Site Name: Janie Conner TB	
								Incident Number: nAPP2515	826889
								Job Number: 03A2270105	
	1	LITHOL	.OGI	C / SOIL S	SAMPLING	LOG		Logged By: AK	Method: Core Drill
Coord	inates: 32	2.221895	,-104	.051460				Hole Diameter: 3"	Total Depth: 12'
			•				•	PetroFLAG® for chloride and factors included.	TPH, respectively. Chloride test
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic	c Descriptions
			Ν	BH02	0]	0		Sand with Silt - Dark	Brown, Fine to very Fine
					-	-	SW-SM		on-Cohesive, Massive, Well
	2 2 2 2		١		-	- ,		•	raded
М	2,968		N		1 _	_ 1			
	2,257		N	BH02	2	- - - 2	ССНЕ		Tan, Non-Plastic, Non- ssive, Well Graded
	2,237		.,	51102				Sand with Clay - Brow	n, Fine to Very Fine Grain,
					_	_	SP-SM	Medium Plasticity, C	Cohesive, Massive, Poorly
	2,257		Ν		3	3		G	raded
					-	_			
					_	_		Clayey Sand - Brown	, Fine to Very Fine Grain,
	2,257		N	BH02	4 _	_ 4		Medium Plasticity, C	ohesive, Massive, Poorly
					_	_	sc	G	raded
	2,111		N		5	<u> </u>			
VM	2,111		1,					Clayey Sand w/ Trace	Gypsum - Tan, Fine to Ver
					_	_		Fine Grain, Medium F	Plastic, Cohesive, Massive,
	2,587		Ν	BH02	6	6		Poor	ly Graded
					-	-			
						<u> </u>			
	1,500		N		7	7		Sand w/ Trace Gynsi	um - Tan, Fine to Medium
					_	_	SP	•	n-Cohesive, Massive, Poorly
	2,111		N	BH02	8	<u> </u>]		raded
	-, 111		١٧	51102		Γ ,			
S					_	-			
	1,400		Ν		9	9		Cond. 11 Cl	Company But 5
					-	_	60.66	·	ace Gypsum - Brown, Fine
			 	DUGG	40 -		SP-SC	•	Cohesive, Massive, Poorly
	1,114		N	BH02	10	10			raded
W					_	-	SP	·	ledium Grain, Non-Plastic,
	481	53	N		11 -	11		Non-Cohesive, M	assive, Poorly Graded

53

Ν

BH02

11

11

12

СН

Fat Clay - Tan, Very Fine Grain, High Plasticity,

Cohesive, Masive

481

481

	Sample Name: BH03	Date: 6/27/25 - 7/8/25
ENSOLUM	Site Name: Janie Conner TB	
E L IA 3 O L O M	Incident Number: nAPP251582688	9
	Job Number: 03A2270105	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Aboubakar Kone	Method: Hand Auger
Coordinates: 32.221911, -104.051594	Hole Diameter: 3"	Total Depth: 11'
	5 . 5 . 6	

Comments: Field screening conducted with HACH Chloride Test Strips and PetroFLAG® for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included.

Moisture Content	Chloride (ppm)	тРН (ррт)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
М	>3,438		Y N	BH03	0]	0 - - 1	SW	Sand - Brown, Fine to Medium Grain, Plastic, Cohesive, Well Graded
	2,587		N	BH03	_ _ 2 _	- - - 2	SC	Clayey Sand - Brown, Very Fine to Fine Grain, Plastic, Cohesive, Massive, Well Graded
	660		N	вноз	3 _	- - _ 3 -	СН	Fat Clay - Brown, Very Fine Grain, High Plasticity, Cohesive, Massive
	722		N		4 <u> </u>	_ 4 - -	SM	Silty Sand - Tan, Fine to Very Fine Grain, Low Plasticity, Cohesive, Massive, Well Graded
VM	1,030		N	BH03	5	5 -		Clayey Sand w/ Trace Gypsum - Tan, very fine
	1,114		N	BH03	6	- - 6	SC	grained, Medium Plastic, Cohesive, Massive, Poorly Graded
	795		N	ВН03	7 _	- - - 7		Sand w/ Trace Gypsum - Tan, Fine to Medium
	868		N	BH03	8 _	- - 8	SP	Grain, Non-Plastic, Non-Cohesive, Massive, Poorly Graded
S	1,601		N	BH03	9	- - - 9		
W	1,293		N	BH03	10	- - _ 10	SP-SC	Sand with Clay and Trace Gypsum - Brown, Fine Grain, Low Plasticity, Cohesive, Massive, Poorly Graded
VV	1,836		N	BH03	- - 11	- - - 11	СН	Fat Clay - Tan, Very Fine Grain, High Plasticity, Cohesive, Massive
Total	1,030 I	ລ 11 fa			11	<u> </u>		

Total Depth @ 11 feet bgs.



APPENDIX C

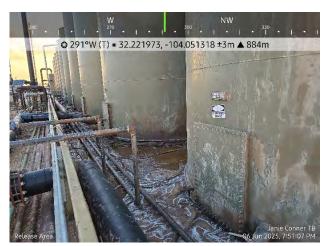
Photographic Log



Photographic Log Matador Production Company Janie Conner TB

nAPP2515826889

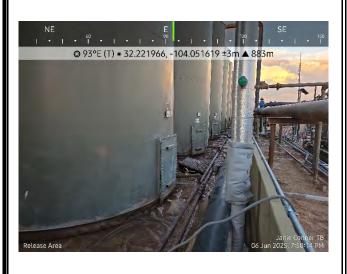




Date: 6/6/2025 Photograph 1 Date: 6/6/2025 Photograph 2

Description: Lease Sign Description: Release Extent View: South

View: West





Photograph 3 Date: 6/6/2025 Photograph 4 Date: 6/6/2025

Description: Release Extent Description: Release Extent

View: East View: East



Photographic Log Matador Production Company Janie Conner TB

nAPP2515826889





Date: 6/6/2025

Photograph 5 Date: 6/6/2025 Photograph 6

Description: Release Extent
View: Northeast

Description: Release Extent

View: Northeast





Photograph 7 Date: 6/11/2025 Photograph 8 Date: 6/11/2025

Description: Delineation (SS01) Description: Delineation (SS03)

View: South View: Northwest



Photographic Log Matador Production Company Janie Conner TB nAPP2515826889





Photograph 9 Date: 6/11/2025 Photograph 10 Date: 6/24/2025

Description: Delineation (SS06) Description: Delineation (BH01)

View: Southeast View: East





Photograph 11 Date: 6/24/2025 Photograph 12 Date: 6/24/2025

Description: Delineation (SS05A) Description: Delineation (SS06A)

View: East View: East



Photographic Log Matador Production Company Janie Conner TB

nAPP2515826889





Photograph 13 Date: 6/27/2025 Photograph 14 Date: 6/27/2025

Description: BH03 Description: BH02
View: Direct View: Direct





Photograph 15 Date: 7/8/2025 Photograph 16 Date: 7/16/2025

Description: BH03 Description: Liner Inspection (Hole 1)

View: Northwest View: Direct



Photographic Log Matador Production Company Janie Conner TB nAPP2515826889





Photograph 17 Date: 12/1/2025 Photograph 18 Date: 12/1/2025

Description: Hole 1

View: Direct

Description: Hole 1

View: Direct



Photograph 19 Date: 12/1/2025

Description: Hole 1 (patch)

View: Direct



APPENDIX D

Laboratory Analytical Reports & Chain-of-Custody Documentation

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name: Janie Conner Well Pad

Work Order: E501087

Job Number: 23003-0002

Received: 1/15/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 1/21/25

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

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

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

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

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

Date Reported: 1/21/25

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

Project Name: Janie Conner Well Pad

Workorder: E501087

Date Received: 1/15/2025 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/15/2025 7:30:00AM, under the Project Name: Janie Conner Well Pad.

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

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

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

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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(Sample Data	6
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	BG01-1'	7
	BG01-2'	8
	BG01-3'	9
	BG02-0'	10
	BG02-1'	11
	BG02-2'	12
	BG02-3'	13
	BG03-0'	14
	BG03-1'	15
	BG03-2'	16
	BG03-3'	17
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Sample Summary

Matador Resources, LLC.	Project Name: Janie Conner Well Pad		Donoutoda
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	01/21/25 14:46

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BG01-0'	E501087-01A	Soil	01/13/25	01/15/25	Glass Jar, 2 oz.
BG01-1'	E501087-02A	Soil	01/13/25	01/15/25	Glass Jar, 2 oz.
BG01-2'	E501087-03A	Soil	01/13/25	01/15/25	Glass Jar, 2 oz.
BG01-3'	E501087-04A	Soil	01/13/25	01/15/25	Glass Jar, 2 oz.
BG02-0'	E501087-05A	Soil	01/13/25	01/15/25	Glass Jar, 2 oz.
BG02-1'	E501087-06A	Soil	01/13/25	01/15/25	Glass Jar, 2 oz.
BG02-2'	E501087-07A	Soil	01/13/25	01/15/25	Glass Jar, 2 oz.
BG02-3'	E501087-08A	Soil	01/13/25	01/15/25	Glass Jar, 2 oz.
BG03-0'	E501087-09A	Soil	01/13/25	01/15/25	Glass Jar, 2 oz.
BG03-1'	E501087-10A	Soil	01/13/25	01/15/25	Glass Jar, 2 oz.
BG03-2'	E501087-11A	Soil	01/13/25	01/15/25	Glass Jar, 2 oz.
BG03-3'	E501087-12A	Soil	01/13/25	01/15/25	Glass Jar, 2 oz.
BG04-0'	E501087-13A	Soil	01/13/25	01/15/25	Glass Jar, 2 oz.
BG04-1'	E501087-14A	Soil	01/13/25	01/15/25	Glass Jar, 2 oz.
BG04-2'	E501087-15A	Soil	01/13/25	01/15/25	Glass Jar, 2 oz.
BG04-3'	E501087-16A	Soil	01/13/25	01/15/25	Glass Jar, 2 oz.

Sample Data

Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/21/20252:46:42PM

BG01-0' E501087-01

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst:	BA		Batch: 2503063
Benzene	ND	0.0250	1		01/15/25	01/17/25	
Ethylbenzene	ND	0.0250	1		01/15/25	01/17/25	
Toluene	ND	0.0250	1		01/15/25	01/17/25	
o-Xylene	ND	0.0250	1		01/15/25	01/17/25	
p,m-Xylene	ND	0.0500	1		01/15/25	01/17/25	
Total Xylenes	ND	0.0250	1	ļ	01/15/25	01/17/25	
Surrogate: Bromofluorobenzene		93.8 %	70-130		01/15/25	01/17/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		01/15/25	01/17/25	
Surrogate: Toluene-d8		92.9 %	70-130		01/15/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst:	BA		Batch: 2503063
Gasoline Range Organics (C6-C10)	ND	20.0	1		01/15/25	01/17/25	
Surrogate: Bromofluorobenzene		93.8 %	70-130		01/15/25	01/17/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		01/15/25	01/17/25	
Surrogate: Toluene-d8		92.9 %	70-130		01/15/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst:	AF		Batch: 2503067
Diesel Range Organics (C10-C28)	ND	25.0	1		01/15/25	01/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	l	01/15/25	01/15/25	
Surrogate: n-Nonane		115 %	50-200		01/15/25	01/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	Analyst:	AK		Batch: 2503062



Sample Data

Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/21/20252:46:42PM

BG01-1'

E501087-02

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2503063
Benzene	ND	0.0250	1		01/15/25	01/17/25	
Ethylbenzene	ND	0.0250	1		01/15/25	01/17/25	
Toluene	ND	0.0250	1	l	01/15/25	01/17/25	
o-Xylene	ND	0.0250	1	l	01/15/25	01/17/25	
p,m-Xylene	ND	0.0500	1	l	01/15/25	01/17/25	
Total Xylenes	ND	0.0250	1	l	01/15/25	01/17/25	
Surrogate: Bromofluorobenzene	·	96.1 %	70-130		01/15/25	01/17/25	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		01/15/25	01/17/25	
Surrogate: Toluene-d8		97.3 %	70-130		01/15/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2503063
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	01/15/25	01/17/25	
Surrogate: Bromofluorobenzene		96.1 %	70-130		01/15/25	01/17/25	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		01/15/25	01/17/25	
Surrogate: Toluene-d8		97.3 %	70-130		01/15/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	AF		Batch: 2503067
Diesel Range Organics (C10-C28)	ND	25.0	1		01/15/25	01/15/25	_
Oil Range Organics (C28-C36)	ND	50.0	1	Į.	01/15/25	01/15/25	
Surrogate: n-Nonane		121 %	50-200		01/15/25	01/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	AK		Batch: 2503062
	697	100		5	01/15/25	01/15/25	



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/21/20252:46:42PM

BG01-2'

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2503063
Benzene	ND	0.0250		1	01/15/25	01/17/25	
Ethylbenzene	ND	0.0250		1	01/15/25	01/17/25	
Toluene	ND	0.0250		1	01/15/25	01/17/25	
o-Xylene	ND	0.0250		1	01/15/25	01/17/25	
p,m-Xylene	ND	0.0500		1	01/15/25	01/17/25	
Total Xylenes	ND	0.0250		1	01/15/25	01/17/25	
Surrogate: Bromofluorobenzene		94.9 %	70-130		01/15/25	01/17/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		01/15/25	01/17/25	
Surrogate: Toluene-d8		98.0 %	70-130		01/15/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2503063
Gasoline Range Organics (C6-C10)	ND	20.0		1	01/15/25	01/17/25	
Surrogate: Bromofluorobenzene		94.9 %	70-130		01/15/25	01/17/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		01/15/25	01/17/25	
Surrogate: Toluene-d8		98.0 %	70-130		01/15/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	AF		Batch: 2503067
Diesel Range Organics (C10-C28)	ND	25.0		1	01/15/25	01/15/25	
Oil Range Organics (C28-C36)	ND	50.0		1	01/15/25	01/15/25	
Surrogate: n-Nonane		117 %	50-200		01/15/25	01/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	AK		Batch: 2503062
Chloride	1210	100	:	5	01/15/25	01/15/25	



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/21/20252:46:42PM

BG01-3'

E501087-04 Reporting t Limit Dilution Prepared Analyzed Notes

		Reporting					
Analyte	Result	Limit	Dilut	tion Pr	epared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: BA			Batch: 2503063
Benzene	ND	0.0250	1	01	/15/25	01/17/25	
Ethylbenzene	ND	0.0250	1	01	/15/25	01/17/25	
Toluene	ND	0.0250	1	01	/15/25	01/17/25	
o-Xylene	ND	0.0250	1	01	/15/25	01/17/25	
p,m-Xylene	ND	0.0500	1	01	/15/25	01/17/25	
Total Xylenes	ND	0.0250	1	01	/15/25	01/17/25	
Surrogate: Bromofluorobenzene		94.0 %	70-130	01	/15/25	01/17/25	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130	01	/15/25	01/17/25	
Surrogate: Toluene-d8		94.6 %	70-130	01	/15/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: BA			Batch: 2503063
Gasoline Range Organics (C6-C10)	ND	20.0	1	01	/15/25	01/17/25	
Surrogate: Bromofluorobenzene		94.0 %	70-130	01	/15/25	01/17/25	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130	01	/15/25	01/17/25	
Surrogate: Toluene-d8		94.6 %	70-130	01	/15/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: AF			Batch: 2503067
Diesel Range Organics (C10-C28)	ND	25.0	1	01	/15/25	01/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01	/15/25	01/15/25	
Surrogate: n-Nonane		122 %	50-200	01	/15/25	01/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: AK			Batch: 2503062
Chloride	1800	200	10	01	/15/25	01/15/25	

Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/21/20252:46:42PM

BG02-0'

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: l	BA		Batch: 2503063
Benzene	ND	0.0250	1		01/15/25	01/17/25	
Ethylbenzene	ND	0.0250	1		01/15/25	01/17/25	
Toluene	ND	0.0250	1		01/15/25	01/17/25	
o-Xylene	ND	0.0250	1		01/15/25	01/17/25	
p,m-Xylene	ND	0.0500	1		01/15/25	01/17/25	
Total Xylenes	ND	0.0250	1		01/15/25	01/17/25	
Surrogate: Bromofluorobenzene		93.9 %	70-130		01/15/25	01/17/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		01/15/25	01/17/25	
Surrogate: Toluene-d8		98.4 %	70-130		01/15/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: l	BA		Batch: 2503063
Gasoline Range Organics (C6-C10)	ND	20.0	1		01/15/25	01/17/25	
Surrogate: Bromofluorobenzene		93.9 %	70-130		01/15/25	01/17/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		01/15/25	01/17/25	
Surrogate: Toluene-d8		98.4 %	70-130		01/15/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: 1	AF		Batch: 2503067
Diesel Range Organics (C10-C28)	ND	25.0	1		01/15/25	01/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1		01/15/25	01/15/25	
Surrogate: n-Nonane		121 %	50-200		01/15/25	01/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: 1	AK		Batch: 2503062



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/21/20252:46:42PM

BG02-1'

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: l	BA		Batch: 2503063
Benzene	ND	0.0250	1		01/15/25	01/17/25	
Ethylbenzene	ND	0.0250	1		01/15/25	01/17/25	
Toluene	ND	0.0250	1		01/15/25	01/17/25	
o-Xylene	ND	0.0250	1		01/15/25	01/17/25	
p,m-Xylene	ND	0.0500	1		01/15/25	01/17/25	
Total Xylenes	ND	0.0250	1		01/15/25	01/17/25	
Surrogate: Bromofluorobenzene		96.0 %	70-130		01/15/25	01/17/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		01/15/25	01/17/25	
Surrogate: Toluene-d8		95.8 %	70-130		01/15/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: l	BA		Batch: 2503063
Gasoline Range Organics (C6-C10)	ND	20.0	1		01/15/25	01/17/25	
Surrogate: Bromofluorobenzene		96.0 %	70-130		01/15/25	01/17/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		01/15/25	01/17/25	
Surrogate: Toluene-d8		95.8 %	70-130		01/15/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: 1	AF		Batch: 2503067
Diesel Range Organics (C10-C28)	ND	25.0	1		01/15/25	01/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1		01/15/25	01/15/25	
Surrogate: n-Nonane		123 %	50-200		01/15/25	01/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: 1	AK		Batch: 2503062



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/21/20252:46:42PM

BG02-2'

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: B	A		Batch: 2503063
Benzene	ND	0.0250	1		01/15/25	01/17/25	
Ethylbenzene	ND	0.0250	1		01/15/25	01/17/25	
Toluene	ND	0.0250	1		01/15/25	01/17/25	
o-Xylene	ND	0.0250	1		01/15/25	01/17/25	
p,m-Xylene	ND	0.0500	1		01/15/25	01/17/25	
Total Xylenes	ND	0.0250	1		01/15/25	01/17/25	
Surrogate: Bromofluorobenzene		95.9 %	70-130		01/15/25	01/17/25	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		01/15/25	01/17/25	
Surrogate: Toluene-d8		96.8 %	70-130		01/15/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: B	A		Batch: 2503063
Gasoline Range Organics (C6-C10)	ND	20.0	1		01/15/25	01/17/25	
Surrogate: Bromofluorobenzene		95.9 %	70-130		01/15/25	01/17/25	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		01/15/25	01/17/25	
Surrogate: Toluene-d8		96.8 %	70-130		01/15/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: A	F		Batch: 2503067
Diesel Range Organics (C10-C28)	ND	25.0	1		01/15/25	01/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1		01/15/25	01/15/25	
Surrogate: n-Nonane		128 %	50-200		01/15/25	01/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: A	ιK		Batch: 2503062
		100	5		01/15/25	01/15/25	



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/21/20252:46:42PM

BG02-3'

	_	Reporting	_				
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: BA		Batch: 2503063
Benzene	ND	0.0250		1	01/15/25	01/18/25	
Ethylbenzene	ND	0.0250		1	01/15/25	01/18/25	
Toluene	ND	0.0250		1	01/15/25	01/18/25	
o-Xylene	ND	0.0250		1	01/15/25	01/18/25	
p,m-Xylene	ND	0.0500		1	01/15/25	01/18/25	
Total Xylenes	ND	0.0250		1	01/15/25	01/18/25	
Surrogate: Bromofluorobenzene		94.9 %	70-130		01/15/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		01/15/25	01/18/25	
Surrogate: Toluene-d8		94.6 %	70-130		01/15/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2503063
Gasoline Range Organics (C6-C10)	ND	20.0		1	01/15/25	01/18/25	
Surrogate: Bromofluorobenzene		94.9 %	70-130		01/15/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		01/15/25	01/18/25	
Surrogate: Toluene-d8		94.6 %	70-130		01/15/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: AF		Batch: 2503067
Diesel Range Organics (C10-C28)	ND	25.0		1	01/15/25	01/15/25	
Oil Range Organics (C28-C36)	ND	50.0		1	01/15/25	01/15/25	
Surrogate: n-Nonane		125 %	50-200		01/15/25	01/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: AK		Batch: 2503062
Chloride	1890	100		5	01/15/25	01/15/25	



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/21/20252:46:42PM

BG03-0'

		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: BA		Batch: 2503063
Benzene	ND	0.0250		1	01/15/25	01/18/25	
Ethylbenzene	ND	0.0250		1	01/15/25	01/18/25	
Toluene	ND	0.0250		1	01/15/25	01/18/25	
o-Xylene	ND	0.0250		1	01/15/25	01/18/25	
p,m-Xylene	ND	0.0500		1	01/15/25	01/18/25	
Total Xylenes	ND	0.0250		1	01/15/25	01/18/25	
Surrogate: Bromofluorobenzene		96.0 %	70-130		01/15/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130		01/15/25	01/18/25	
Surrogate: Toluene-d8		97.4 %	70-130		01/15/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2503063
Gasoline Range Organics (C6-C10)	ND	20.0		1	01/15/25	01/18/25	
Surrogate: Bromofluorobenzene		96.0 %	70-130		01/15/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130		01/15/25	01/18/25	
Surrogate: Toluene-d8		97.4 %	70-130		01/15/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: AF		Batch: 2503067
Diesel Range Organics (C10-C28)	ND	25.0		1	01/15/25	01/15/25	
Oil Range Organics (C28-C36)	ND	50.0		1	01/15/25	01/15/25	
Surrogate: n-Nonane		118 %	50-200		01/15/25	01/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: AK		Batch: 2503062

Matador Resources, LLC. Project Name: Janie Conner Well Pad 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 Reported: 1/21/2025 2:46:42PM Dallas TX, 75240 Project Manager: Ashley Giovengo

BG03-1'

E501087-10 Reporting Analyte Limit Dilution Analyzed Result Prepared Notes Analyst: BA Batch: 2503063 mg/kg mg/kg Volatile Organic Compounds by EPA 8260B 01/15/25 01/18/25 ND 0.0250 Benzene 01/15/25 01/18/25 Ethylbenzene ND 0.0250 1 ND 0.0250 1 01/15/25 01/18/25 Toluene 01/15/25 1 01/18/25 o-Xylene ND 0.0250 01/15/25 01/18/25 ND 0.0500 1 p,m-Xylene 01/15/25 01/18/25 1 Total Xylenes ND 0.0250 01/18/25 01/15/25 Surrogate: Bromofluorobenzene 94.5 % 70-130 01/18/25 Surrogate: 1,2-Dichloroethane-d4 99.0 % 70-130 01/15/25 Surrogate: Toluene-d8 96.2 % 70-130 01/15/25 01/18/25 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: BA Batch: 2503063 ND 1 01/15/25 01/18/25 20.0 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 94.5 % 01/15/25 01/18/25 70-130 99.0 % 01/15/25 01/18/25 Surrogate: 1,2-Dichloroethane-d4 70-130 Surrogate: Toluene-d8 01/15/25 01/18/25 96.2 % 70-130 mg/kg Analyst: AF Batch: 2503067 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 01/15/25 01/15/25 ND 25.0 1 Diesel Range Organics (C10-C28) ND 50.0 1 01/15/25 01/15/25 Oil Range Organics (C28-C36) 122 % 50-200 01/15/25 01/15/25 Surrogate: n-Nonane Anions by EPA 300.0/9056A mg/kg mg/kg Analyst: AK Batch: 2503062 10 01/15/25 01/15/25

200

6860



Chloride

Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/21/2025 2:46:42PM

BG03-2'

		Reporting					
Analyte	Result	Limit	Dilut	ion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: BA	A		Batch: 2503063
Benzene	ND	0.0250	1		01/15/25	01/18/25	
Ethylbenzene	ND	0.0250	1		01/15/25	01/18/25	
Toluene	ND	0.0250	1		01/15/25	01/18/25	
o-Xylene	ND	0.0250	1		01/15/25	01/18/25	
p,m-Xylene	ND	0.0500	1		01/15/25	01/18/25	
Total Xylenes	ND	0.0250	1		01/15/25	01/18/25	
Surrogate: Bromofluorobenzene		96.7 %	70-130		01/15/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		01/15/25	01/18/25	
Surrogate: Toluene-d8		96.3 %	70-130		01/15/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: BA	A		Batch: 2503063
Gasoline Range Organics (C6-C10)	ND	20.0	1		01/15/25	01/18/25	
Surrogate: Bromofluorobenzene		96.7 %	70-130		01/15/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		01/15/25	01/18/25	
Surrogate: Toluene-d8		96.3 %	70-130		01/15/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: AI	3		Batch: 2503067
Diesel Range Organics (C10-C28)	ND	25.0	1		01/15/25	01/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1		01/15/25	01/15/25	
Surrogate: n-Nonane		122 %	50-200		01/15/25	01/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: Al	X		Batch: 2503062
		200	10		01/15/25	01/15/25	



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/21/20252:46:42PM

BG03-3'

		/				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2503063
Benzene	ND	0.0250	1	01/15/25	01/18/25	
Ethylbenzene	ND	0.0250	1	01/15/25	01/18/25	
Toluene	ND	0.0250	1	01/15/25	01/18/25	
o-Xylene	ND	0.0250	1	01/15/25	01/18/25	
p,m-Xylene	ND	0.0500	1	01/15/25	01/18/25	
Total Xylenes	ND	0.0250	1	01/15/25	01/18/25	
Surrogate: Bromofluorobenzene		96.3 %	70-130	01/15/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	01/15/25	01/18/25	
Surrogate: Toluene-d8		96.1 %	70-130	01/15/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2503063
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/15/25	01/18/25	
Surrogate: Bromofluorobenzene		96.3 %	70-130	01/15/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	01/15/25	01/18/25	
Surrogate: Toluene-d8		96.1 %	70-130	01/15/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: AF		Batch: 2503067
Diesel Range Organics (C10-C28)	ND	25.0	1	01/15/25	01/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/15/25	01/15/25	
Surrogate: n-Nonane		132 %	50-200	01/15/25	01/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: AK		Batch: 2503062
· · · · · · · · · · · · · · · · · · ·	5130	200	10	01/15/25	01/15/25	



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/21/20252:46:42PM

BG04-0'

		Reporting					
Analyte	Result	Limit	Diluti	ion Prep	ared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	analyst: BA			Batch: 2503063
Benzene	ND	0.0250	1	01/1	5/25	01/18/25	
Ethylbenzene	ND	0.0250	1	01/1	5/25	01/18/25	
Toluene	ND	0.0250	1	01/1	5/25	01/18/25	
o-Xylene	ND	0.0250	1	01/1	5/25	01/18/25	
p,m-Xylene	ND	0.0500	1	01/1	5/25	01/18/25	
Total Xylenes	ND	0.0250	1	01/1	5/25	01/18/25	
Surrogate: Bromofluorobenzene		93.6 %	70-130	01/1	5/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	01/1	5/25	01/18/25	
Surrogate: Toluene-d8		97.1 %	70-130	01/1	5/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	analyst: BA			Batch: 2503063
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/1	5/25	01/18/25	
Surrogate: Bromofluorobenzene		93.6 %	70-130	01/1	5/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	01/1	5/25	01/18/25	
Surrogate: Toluene-d8		97.1 %	70-130	01/1	5/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	analyst: AF			Batch: 2503067
Diesel Range Organics (C10-C28)	ND	25.0	1	01/1	5/25	01/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/1	5/25	01/16/25	
Surrogate: n-Nonane		113 %	50-200	01/1	5/25	01/16/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: AK			Batch: 2503062
Chloride	27100	1000	50	01/1	5/25	01/15/25	



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/21/20252:46:42PM

BG04-1'

E501087-14 Reporting Analyte Limit Dilution Analyzed Result Prepared Notes Analyst: BA Batch: 2503063 mg/kg mg/kg Volatile Organic Compounds by EPA 8260B 01/15/25 01/18/25 ND 0.0250 Benzene 1 01/15/25 01/18/25 Ethylbenzene ND 0.0250 ND 0.0250 1 01/15/25 01/18/25 Toluene 01/15/25 1 01/18/25 o-Xylene ND 0.0250 01/15/25 01/18/25 ND 0.0500 1 p,m-Xylene 01/15/25 01/18/25 1 Total Xylenes ND 0.0250 01/18/25 01/15/25 Surrogate: Bromofluorobenzene 95.8 % 70-130 01/18/25 Surrogate: 1,2-Dichloroethane-d4 95.7% 70-130 01/15/25 Surrogate: Toluene-d8 96.3 % 70-130 01/15/25 01/18/25 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: BA Batch: 2503063 ND 01/15/25 01/18/25 20.0 1 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 95.8 % 01/15/25 01/18/25 70-130 01/15/25 01/18/25 Surrogate: 1,2-Dichloroethane-d4 95.7% 70-130 Surrogate: Toluene-d8 01/15/25 01/18/25 96.3 % 70-130 mg/kg Analyst: AF Batch: 2503067 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 01/15/25 01/16/25 ND 25.0 1 Diesel Range Organics (C10-C28) ND 50.0 1 01/15/25 01/16/25 Oil Range Organics (C28-C36) 132 % 50-200 01/15/25 01/16/25Surrogate: n-Nonane Anions by EPA 300.0/9056A mg/kg mg/kg Analyst: AK Batch: 2503062

400

5560

20

01/15/25

01/15/25



Chloride

Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/21/20252:46:42PM

BG04-2'

		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: BA		Batch: 2503063
Benzene	ND	0.0250	1	01/15/25	01/18/25	
Ethylbenzene	ND	0.0250	1	01/15/25	01/18/25	
Toluene	ND	0.0250	1	01/15/25	01/18/25	
o-Xylene	ND	0.0250	1	01/15/25	01/18/25	
p,m-Xylene	ND	0.0500	1	01/15/25	01/18/25	
Total Xylenes	ND	0.0250	1	01/15/25	01/18/25	
Surrogate: Bromofluorobenzene		96.1 %	70-130	01/15/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	01/15/25	01/18/25	
Surrogate: Toluene-d8		97.4 %	70-130	01/15/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: BA		Batch: 2503063
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/15/25	01/18/25	
Surrogate: Bromofluorobenzene		96.1 %	70-130	01/15/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	01/15/25	01/18/25	
Surrogate: Toluene-d8		97.4 %	70-130	01/15/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: AF		Batch: 2503067
Diesel Range Organics (C10-C28)	ND	25.0	1	01/15/25	01/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/15/25	01/16/25	
Surrogate: n-Nonane		114 %	50-200	01/15/25	01/16/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: AK		Batch: 2503062

Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/21/20252:46:42PM

BG04-3' E501087-16

Reporting Analyte Limit Dilution Analyzed Result Prepared Notes Analyst: BA Batch: 2503063 mg/kg mg/kg Volatile Organic Compounds by EPA 8260B 01/15/25 01/18/25 ND 0.0250 Benzene 1 01/15/25 01/18/25 Ethylbenzene ND 0.0250 ND 0.0250 1 01/15/25 01/18/25 Toluene 1 01/15/25 01/18/25 o-Xylene ND 0.0250 01/15/25 01/18/25 ND 0.0500 1 p,m-Xylene 01/15/25 01/18/25 1 Total Xylenes ND 0.0250 01/18/25 01/15/25 Surrogate: Bromofluorobenzene 95.4 % 70-130 01/18/25 Surrogate: 1,2-Dichloroethane-d4 98.5 % 70-130 01/15/25 Surrogate: Toluene-d8 97.1 % 70-130 01/15/25 01/18/25 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: BA Batch: 2503063 ND 01/15/25 01/18/25 20.0 1 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 01/15/25 01/18/25 95.4 % 70-130 01/15/25 01/18/25 Surrogate: 1,2-Dichloroethane-d4 98.5 % 70-130 Surrogate: Toluene-d8 01/15/25 01/18/25 97.1 % 70-130 mg/kg Analyst: AF Batch: 2503067 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 01/15/25 01/16/25 ND 25.0 1 Diesel Range Organics (C10-C28) ND 50.0 1 01/15/25 01/16/25 Oil Range Organics (C28-C36) 120 % 50-200 01/15/25 01/16/25 Surrogate: n-Nonane Anions by EPA 300.0/9056A mg/kg mg/kg Analyst: AK Batch: 2503062

200

2230

10

01/15/25

01/16/25



Chloride

Matador Resources, LLC.Project Name:Janie Conner Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo1/21/20252:46:42PM

Dallas TX, 75240		Project Manage	r: As	shley Gioveng	go			1/2	1/2025 2:46:42PM
	V	olatile Organ	ic Compo	unds by EI	PA 8260E	3			Analyst: BA
Analyte		Reporting	Spike	Source		Rec		RPD	
	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2503063-BLK1)							Prepared: 0	1/15/25 Anal	yzed: 01/17/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
-Xylene	ND	0.0250							
,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.481		0.500		96.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.506		0.500		101	70-130			
Surrogate: Toluene-d8	0.486		0.500		97.1	70-130			
LCS (2503063-BS1)							Prepared: 0	1/15/25 Anal	yzed: 01/17/25
Benzene	2.64	0.0250	2.50		105	70-130			
Ethylbenzene	2.43	0.0250	2.50		97.0	70-130			
Toluene	2.43	0.0250	2.50		97.0	70-130			
-Xylene	2.37	0.0250	2.50		94.9	70-130			
o,m-Xylene	4.77	0.0500	5.00		95.4	70-130			
Total Xylenes	7.15	0.0250	7.50		95.3	70-130			
Gurrogate: Bromofluorobenzene	0.480		0.500		96.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.522		0.500		104	70-130			
Surrogate: Toluene-d8	0.480		0.500		96.0	70-130			
Matrix Spike (2503063-MS1)				Source:	E501085-0)4	Prepared: 0	1/15/25 Anal	yzed: 01/17/25
Benzene	2.56	0.0250	2.50	ND	102	48-131			
Ethylbenzene	2.43	0.0250	2.50	ND	97.4	45-135			
Toluene	2.44	0.0250	2.50	ND	97.4	48-130			
o-Xylene	2.38	0.0250	2.50	ND	95.2	43-135			
,m-Xylene	4.78	0.0500	5.00	ND	95.7	43-135			
Total Xylenes	7.17	0.0250	7.50	ND	95.5	43-135			
Surrogate: Bromofluorobenzene	0.472		0.500		94.4	70-130			·
Surrogate: 1,2-Dichloroethane-d4	0.518		0.500		104	70-130			
Surrogate: Toluene-d8	0.481		0.500		96.1	70-130			
Matrix Spike Dup (2503063-MSD1)				Source:	E501085-0)4	Prepared: 0	1/15/25 Anal	yzed: 01/17/25
Benzene	2.58	0.0250	2.50	ND	103	48-131	0.972	23	
Ethylbenzene	2.49	0.0250	2.50	ND	99.6	45-135	2.21	27	
Toluene	2.50	0.0250	2.50	ND	99.9	48-130	2.49	24	
-Xylene	2.46	0.0250	2.50	ND	98.3	43-135	3.12	27	
o,m-Xylene	4.94	0.0500	5.00	ND	98.8	43-135	3.24	27	
Total Xylenes	7.40	0.0250	7.50	ND	98.6	43-135	3.20	27	
Surrogate: Bromofluorobenzene	0.472		0.500		94.3	70-130			



0.500

0.500

106

70-130

70-130

0.530

0.483

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

Matador Resources, LLC.Project Name:Janie Conner Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo1/21/20252:46:42PM

Nonhalogenated Orga	nics by EPA 8015D - GRO
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Anal	vst.	B

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

	Result	LIIIII	Level	Resuit	Rec	LIIIIIIS	KrD	LIIIII	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2503063-BLK1)							Prepared: 0	1/15/25 Ana	lyzed: 01/17/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.481		0.500		96.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.506		0.500		101	70-130			
Surrogate: Toluene-d8	0.486		0.500		97.1	70-130			
LCS (2503063-BS2)							Prepared: 0	1/15/25 Ana	lyzed: 01/17/25
Gasoline Range Organics (C6-C10)	52.1	20.0	50.0	·	104	70-130	·	·	·
Surrogate: Bromofluorobenzene	0.488		0.500		97.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.524		0.500		105	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.4	70-130			
Matrix Spike (2503063-MS2)				Source:	E501085-0)4	Prepared: 0	1/15/25 Ana	lyzed: 01/17/25
Gasoline Range Organics (C6-C10)	55.3	20.0	50.0	ND	111	70-130			
Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene	55.3 0.472	20.0	50.0 0.500	ND	94.4	70-130 70-130			
		20.0		ND					
Surrogate: Bromofluorobenzene	0.472	20.0	0.500	ND	94.4	70-130			
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4	0.472 0.505	20.0	0.500 0.500		94.4 101	70-130 70-130 70-130	Prepared: 0	1/15/25 Ana	lyzed: 01/20/25
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8	0.472 0.505	20.0	0.500 0.500		94.4 101 96.2	70-130 70-130 70-130	Prepared: 0	1/15/25 Ana 20	llyzed: 01/20/25
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2503063-MSD2)	0.472 0.505 0.481		0.500 0.500 0.500	Source:	94.4 101 96.2 E501085- (70-130 70-130 70-130	•		llyzed: 01/20/25
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2503063-MSD2) Gasoline Range Organics (C6-C10)	0.472 0.505 0.481 49.5		0.500 0.500 0.500	Source:	94.4 101 96.2 E501085-0 99.0	70-130 70-130 70-130 04 70-130	•		llyzed: 01/20/25



Matador Resources, LLC.Project Name:Janie Conner Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo1/21/20252:46:42PM

Bullus 171, 732 10		1 Toject Wanage		iney Groveng					
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: AF
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2503067-BLK1)							Prepared: 0	1/15/25	Analyzed: 01/15/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.5		50.0		115	50-200			
LCS (2503067-BS1)							Prepared: 0	1/15/25	Analyzed: 01/15/25
Diesel Range Organics (C10-C28)	273	25.0	250		109	38-132			
Surrogate: n-Nonane	59.9		50.0		120	50-200			
Matrix Spike (2503067-MS1)				Source:	E501087-0	09	Prepared: 0	1/15/25	Analyzed: 01/15/25
Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	38-132			
Surrogate: n-Nonane	60.3		50.0		121	50-200			
Matrix Spike Dup (2503067-MSD1)				Source:	E501087-0	09	Prepared: 0	1/15/25	Analyzed: 01/15/25
Diesel Range Organics (C10-C28)	277	25.0	250	ND	111	38-132	0.451	20	
Surrogate: n-Nonane	59.6		50.0		119	50-200			

Matrix Spike Dup (2503062-MSD1)

Chloride

3360

QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager	: 2	anie Conner W 3003-0002 Ashley Gioveng			Reported: 1/21/2025 2:46:42PM			
		Anions	by EPA	300.0/9056 <i>A</i>	4				Analyst: AK	
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes	
Blank (2503062-BLK1)							Prepared: 0	1/15/25 Aı	nalyzed: 01/15/25	
Chloride	ND	20.0								
LCS (2503062-BS1)							Prepared: 0	1/15/25 Aı	nalyzed: 01/15/25	
Chloride	254	20.0	250		102	90-110				
Matrix Spike (2503062-MS1)				Source:	E501087-	07	Prepared: 0	1/15/25 Aı	nalyzed: 01/15/25	
Chloride	3120	100	250	3540	NR	80-120			M4	

250

100

Source: E501087-07

NR

80-120

7.25

QC Summary Report Comment:

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



Prepared: 01/15/25 Analyzed: 01/15/25

Definitions and Notes

l	Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
l	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
l	Dallas TX, 75240	Project Manager:	Ashley Giovengo	01/21/25 14:46

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.



Pa	ige/_	of Regeiv
Pr	ogram	ed b
	SDWA	00
	RCRA	7D: L
		2/3/2
Z	TX	025
ks		geived by OCD: 12/3/2025 4:09:54 PM
		PM

Client: N	Matador Prod	duction C	ompany					Use	e Only					TA	AT	EPA P	rogram		
Project:	Janie Conn	er Well P	ad		Attention: Ensolum LLC		Lab V	WO#			Job N				2D	3D	Standard	CWA	SDWA
Project N	Manager: As	hley Giov	rengo		Address: on file		ES	7010	787		230	3.	0002				X		
Address	3122 Natio	nal Parks	Hwy		City, State, Zip:								Metho						RCRA
City, Sta	te, Zip: Carls	bad NM,	88220		Phone: 575-988-0055			by								1			
Phone:	575-988-005	5			Email: agiovengo@enso	olum.com		080										State	
Email: a	giovengo@e	nsolum.c	om			NM NM			NM CO	UT AZ	TX								
Report o	lue by:							JQ/C	805	826	5010	300	표			F	1 121 12		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number		TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	тсео трн	BGDOC		GDOC		Remarks	
1341	1/13/25	5	1	18	3601 - 01	1								λ					
	1/13/25	5			(401-1)	2								X					
	1/13/25	5	1		G01 - Z'	3)	+				
6.30		5	1		601-3	4						1)					
	1/13/25	5	1		3602-0	5						T		V					
	1/13/25	1			3602-0	4								X	-				
3951	1/13/25	5			3602-1	7			1					V					
0953	1/13/25					8							1	X		Ť			
0954	1/13/25	5	1		3602-3'	9						+							
1047	1/13/25	5		1	3603-0	1	200					_		Х					
1048	1/13/25	5	Ì	T.	3603 -1	10)					
	nal Instruction	ns: Ple	ase CC: cl	burton@enso	lum.com, agiovengo@ensolu	m.com, chamilton@e	nsolu	ım.co	m, ie	stre	ella@e	nso	lum.co	m					
				ty of this sample. I	am aware that tampering with or intenti	Chad Hamilton, His			-1-7		A						eceived on ice the da less than 6 °C on sub		oled or
_	ned by: (Signatu		Date	Time) Date		Time	000		Recei	ved	on ice:	(Lab I	Jse Or N	nly		
Relinquish	ned by: (Signatu	re)	Date	Time) Date	1.25	Time	1/3		T1			T2			<u>T3</u>		
Relinguish	ned by: (Signatu	re)	Date	Time		Van 1.15.	-	Time	30		AVG	em	o°C_	4					
Sample Ma	trix: S - Soil, Sd -	Solid, Sg - Sli				Containe		: g - g	lass, p						glass,	v - VO	Α		
					unless other arrangements are made													analysis of	the above
					oratory with this COC. The liability of														



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Client: Matador Production Company				Bill To	Bill To			Lab U	se Only			TAT				EPA Program		
	Janie Conn				Attention: Ensolum LLC	Le di	Lab W			Job N	umbe	r	1D	2D	3D	Standard	CWA	SDWA
-	/lanager: As				Address: on file		E.57	0/08	37	230	23·Q	200				X		
	3122 Natio	THE PARTY			City, State, Zip:						nalysis and Metho		i					RCRA
City, Stat	e, Zip: Carls	bad NM,	88220		Phone: 575-988-0055		3	à					-	-				
_	575-988-005				Email: agiovengo@ensolum	Email: agiovengo@ensolum.com					- 1					VIII.	State	
	giovengo@e	- n	om				100	5	, ,		0.	E NM CO		UT AZ	TX			
Report d	ue by:						30/0	200	8260	6010	300.0	Ę			¥			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	Tougs	8015 8015 875 hv 8031	VOC by 8260	Metals 6010	Chloride 3	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	BGDOC		GDOC		Remarks	
1051	1/13/25	5	1		BG03-2'	11							X					
1052	1/13/25	5	- (BG03 -3"	12							X					
1109	1/13/25	5	1		BG03-2' BG03-3' BG04-0'	13							X					
1110	1/13/25	5	1		BG04 -1	14							X					
1112	1/13/25	5	j		BG04 -2'	15							X					
1113	1/13/25	5	1		BG04 -3'	16							X					
		Total				j.				1								
Addition	al Instructio	ns: Plea	ase CC: cl	ourton@enso	olum.com, agiovengo@ensolum.co	om, chamilton@e	nsolu	m.com	ı, iesti	ella@e	nsolu	ım.cor	n					
				ry of this sample. y be grounds for I	I am aware that tampering with or intentionally	y mislabelling the sample I Hamilton Hig										ceived on ice the da less than 6 °C on sub		pled or
-	ed by: (Signatu		Date	Tim		Date	T	Time /0(Recei	ved o	n ice:	L	ab Us		ily		
	ed by: (Signatu			Tim	530 Inhand H.	Date 1.14	1.25	Time /6.	30	T1			<u>T2</u>			<u>T3</u>		
Relinquish	ed by: 16 gnatu	ire)	Date	14.25	1230 Received by: Signature	2 1.152	?5	130				°c						
	trix: S - Soil, Sd -		idge, A - Aqu	eous, O - Other _		Containe	r Type:			poly/pla	istic, a	ag - am	oer gl					
					unless other arrangements are made. Ha								ient e	xpens	e. Th	e report for the	analysis of	the above



envirotechia enalysis of the above

Printed: 1/15/2025 8:37:24AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Matador Resources, LLC.	Date Received:	01/15/25	07:30	Work Order ID:	E501087
Phone:	(972) 371-5200	Date Logged In:	01/14/25	15:03	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	01/21/25	17:00 (4 day TAT)		
Chain of	Custody (COC)					
1. Does th	ne sample ID match the COC?		Yes			
	ne number of samples per sampling site location ma	tch the COC	Yes			
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was the	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes			
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i i.e, 15 minute hold time, are not included in this disucssi		Yes		Comment	s/Resolution
Sample T	<u>urn Around Time (TAT)</u>					
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes			
Sample C	<u>Cooler</u>					
7. Was a s	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was the	e sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If yes,	were custody/security seals intact?		NA			
	e sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	re received w/i 15	Yes C			
Sample C			_			
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers	9	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field Lat	· · · · · · · · · · · · · · · · · · ·	ners conceicu:	103			
	field sample labels filled out with the minimum info	ormation:				
	ample ID?	omination.	Yes			
	ate/Time Collected?		Yes			
C	ollectors name?		No			
Sample P	<u>reservation</u>					
21. Does	the COC or field labels indicate the samples were p	reserved?	No			
22. Are sa	ample(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved r	netals?	No			
Multipha	se Sample Matrix					
26. Does	the sample have more than one phase, i.e., multipha	ise?	No			
27. If yes,	does the COC specify which phase(s) is to be anal	yzed?	NA			
Subcontr	act Laboratory					
	amples required to get sent to a subcontract laborate	orv?	No			
	subcontract laboratory specified by the client and i	-	NA	Subcontract Lab: NA		
	estruction					
CHEILI	istruction .					

Date

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name: Janie Conner TB

Work Order: E506092

Job Number: 23003-0002

Received: 6/13/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/18/25

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

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

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

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

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

Date Reported: 6/18/25

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

Project Name: Janie Conner TB

Workorder: E506092

Date Received: 6/13/2025 7:00:28AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/13/2025 7:00:28AM, under the Project Name: Janie Conner TB.

The analytical test results summarized in this report with the Project Name: Janie Conner 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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

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Envirotech Web Address: www.envirotech-inc.com

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QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	9
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Sample Summary

Matador Resources, LLC.	Project Name:	Janie Conner TB	Donoutoda
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	06/18/25 11:06

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS05 - 0'	E506092-01A	Soil	06/11/25	06/13/25	Glass Jar, 2 oz.
SS05 - 1'	E506092-02A	Soil	06/11/25	06/13/25	Glass Jar, 2 oz.



Matador Resources, LLC.	Project Name:	Janie Conner TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/18/2025 11:06:50AM

SS05 - 0' E506092-01

		E506092-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: BA		Batch: 2524117
Benzene	ND	0.0250	1	06/13/25	06/14/25	
Ethylbenzene	ND	0.0250	1	06/13/25	06/14/25	
Toluene	ND	0.0250	1	06/13/25	06/14/25	
o-Xylene	ND	0.0250	1	06/13/25	06/14/25	
p,m-Xylene	ND	0.0500	1	06/13/25	06/14/25	
Total Xylenes	ND	0.0250	1	06/13/25	06/14/25	
Surrogate: 4-Bromochlorobenzene-PID		96.6 %	70-130	06/13/25	06/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: BA		Batch: 2524117
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/25	06/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.1 %	70-130	06/13/25	06/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: HM		Batch: 2524123
Diesel Range Organics (C10-C28)	ND	25.0	1	06/13/25	06/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/13/25	06/16/25	
Surrogate: n-Nonane		102 %	61-141	06/13/25	06/16/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2524116
Chloride	14900	400	20	06/13/25	06/13/25	



Matador Resources, LLC.	Project Name:	Janie Conner TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/18/2025 11:06:50AM

SS05 - 1'

		Donoutino				
Analyte	Result	Reporting Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	Ar	alyst: BA		Batch: 2524117
Benzene	ND	0.0250	1	06/13/25	06/14/25	
Ethylbenzene	ND	0.0250	1	06/13/25	06/14/25	
Toluene	ND	0.0250	1	06/13/25	06/14/25	
o-Xylene	ND	0.0250	1	06/13/25	06/14/25	
p,m-Xylene	ND	0.0500	1	06/13/25	06/14/25	
Total Xylenes	ND	0.0250	1	06/13/25	06/14/25	
Surrogate: 4-Bromochlorobenzene-PID		95.7 %	70-130	06/13/25	06/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	Analyst: BA		Batch: 2524117
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/25	06/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.3 %	70-130	06/13/25	06/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	alyst: HM		Batch: 2524123
Diesel Range Organics (C10-C28)	ND	25.0	1	06/13/25	06/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/13/25	06/16/25	
Surrogate: n-Nonane		104 %	61-141	06/13/25	06/16/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	alyst: DT		Batch: 2524116
Chloride	836	40.0	2	06/13/25	06/13/25	



Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

QC Summary Data

Janie Conner TB Matador Resources, LLC. Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 Dallas TX, 75240 Project Manager: Ashley Giovengo 6/18/2025 11:06:50AM **Volatile Organics by EPA 8021B** Analyst: BA Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2524117-BLK1) Prepared: 06/13/25 Analyzed: 06/14/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND 0.0250 o-Xylene ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.60 8.00 95.0 70-130 LCS (2524117-BS1) Prepared: 06/13/25 Analyzed: 06/14/25 5.01 5.00 100 70-130 0.0250 Benzene Ethylbenzene 5.15 0.0250 5.00 103 70-130 70-130 5.14 0.0250 5.00 103 Toluene 5.20 104 70-130 o-Xylene 0.0250 5.00 10.3 10.0 103 70-130 0.0500 p.m-Xvlene 103 70-130 15.5 0.0250 15.0 Total Xylenes 8.00 95.1 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.61 Source: E506094-05 Matrix Spike (2524117-MS1) Prepared: 06/13/25 Analyzed: 06/14/25 Benzene 4.73 0.0250 5.00 ND 94.6 70-130

Surrogate: 4-Bromochlorobenzene-PID	7.78		8.00		97.2	70-130				
Matrix Spike Dup (2524117-MSD1)				Source	E506094-	05	Prepared: 06	5/13/25 Ana	lyzed: 06/14/25	
Benzene	4.64	0.0250	5.00	ND	92.9	70-130	1.86	27		
Ethylbenzene	4.78	0.0250	5.00	ND	95.6	70-130	1.73	26		
Toluene	4.76	0.0250	5.00	ND	95.2	70-130	1.90	20		
o-Xylene	4.82	0.0250	5.00	ND	96.4	70-130	2.07	25		
p,m-Xylene	9.55	0.0500	10.0	ND	95.5	70-130	1.98	23		
Total Xylenes	14.4	0.0250	15.0	ND	95.8	70-130	2.01	26		
Surrogate: 4-Bromochlorobenzene-PID	7 77		8.00		97.1	70-130				

5.00

5.00

5.00

10.0

4.86

4.85

4.92

9.74

14.7

0.0250

0.0250

0.0250

0.0500

0.0250

ND

ND

ND

ND

ND

97.3

97.0

98.4

97.4

97.7

70-130

70-130

70-130

70-130

70-130

Matador Resources, LLC.Project Name:Janie Conner TBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo6/18/2025 11:06:50AM

Dallas TX, 75240		Project Manager	r: As	hley Gioveng	go			6	/18/2025 11:06:50AN
		Analyst: BA							
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2524117-BLK1)							Prepared: 0	6/13/25 An	alyzed: 06/14/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.72		8.00		84.0	70-130			
LCS (2524117-BS2)							Prepared: 0	6/13/25 An	alyzed: 06/14/25
Gasoline Range Organics (C6-C10)	47.8	20.0	50.0		95.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.30		8.00		91.2	70-130			
Matrix Spike (2524117-MS2)				Source:	E506094-	05	Prepared: 0	6/13/25 An	alyzed: 06/14/25
Gasoline Range Organics (C6-C10)	45.6	20.0	50.0	ND	91.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.22		8.00		90.2	70-130			
Matrix Spike Dup (2524117-MSD2)				Source:	E506094-	05	Prepared: 0	6/13/25 An	alyzed: 06/14/25
Gasoline Range Organics (C6-C10)	47.7	20.0	50.0	ND	95.5	70-130	4.55	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.86		8.00		85.7	70-130			

Matador Resources, LLC.Project Name:Janie Conner TBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo6/18/2025 11:06:50AM

	Nonha	Analyst: HM							
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2524123-BLK1)							Prepared: 0	6/13/25 Ana	lyzed: 06/16/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.6		50.0		103	61-141			
LCS (2524123-BS1)							Prepared: 0	6/13/25 Ana	lyzed: 06/16/25
Diesel Range Organics (C10-C28)	264	25.0	250		106	66-144			
Surrogate: n-Nonane	51.2		50.0		102	61-141			
Matrix Spike (2524123-MS1)				Source:	E506087-	63	Prepared: 0	6/13/25 Ana	lyzed: 06/16/25
Diesel Range Organics (C10-C28)	259	25.0	250	ND	103	56-156			
Surrogate: n-Nonane	51.2		50.0		102	61-141			
Matrix Spike Dup (2524123-MSD1)				Source:	E506087-	63	Prepared: 0	6/13/25 Ana	lyzed: 06/16/25
Diesel Range Organics (C10-C28)	270	25.0	250	ND	108	56-156	4.09	20	
Surrogate: n-Nonane	50.7		50.0		101	61-141			

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager	2	lanie Conner Tl 23003-0002 Ashley Gioveng					Reported: 6/18/2025 11:06:50AM
		Anions	by EPA	300.0/9056	\				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2524116-BLK1)						I	Prepared: 0	6/13/25	Analyzed: 06/13/25

									•
Chloride	ND	20.0							
LCS (2524116-BS1)							Prepared: 06	5/13/25	Analyzed: 06/13/25
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2524116-MS1)				Source:	E506091-0	01	Prepared: 06	5/13/25	Analyzed: 06/13/25
Chloride	411	20.0	250	163	99.1	80-120			
Matrix Spike Dup (2524116-MSD1)				Source:	E506091-0	01	Prepared: 06	5/13/25	Analyzed: 06/13/25
Chloride	410	20.0	250	163	98.9	80-120	0.173	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

l	Matador Resources, LLC.	Project Name:	Janie Conner TB	
l	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
l	Dallas TX, 75240	Project Manager:	Ashley Giovengo	06/18/25 11:06

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



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	envirotech
	Analytical Laboratory
	Andrynear raboratory

nalytic	ai Laborat	ory																									
Client Information				Τ	Invoice Information					Lab Use Only									T.	AT		State					
Client: Matador Production Company					1	Company: Ensolum LLC					Lab WO#				Job	ob Number			1D	2D	2D 3D Sto			NM	co	UT	TX
Project Name: Janie Conner TB						Address: 3122 National Parks Hwy					E5	عاه	<u>109</u>	\mathbf{Z}	<i>2</i> 3	<u>തു</u>	·O	02				Х		Х			
	lanager: As	hley Giov	engo			City, State, Zip:	Carlsbad N	M, 88220		— [
Address: 3122 National Parks Hwy]	Phone: 575-988-0055									Ana	lysis	and	Met	hod					EP	EPA Program		
City, State, Zip: Carlsbad NM, 88220					Email: agiovengo@ensolum.com														-			SD	WA	CW	Α	RCRA	
Phone: 575-988-0055						Miscellaneous:						ļ								l	l						
Email: agiovengo@ensolum.com						i						- 1	ង្គ					ı		l			Com	plianc	e	Υ	or N
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				Sample	Infor	mation						ĝ	g Q	, 802	826	300	8	ž		Σ	¥		횰	ايو			
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID			Filter	Lat Num!	b ber	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NW	BGDOC - TX		Samle	Tem		Rema	ırks
10:52	6/11/2025	S	1	SS05 - 0'						1										х			\mathcal{A} .	3			
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	nal Instruction		ase CC: c	burton@enso	olum.	com, agiovengo	@ensolum.c	om, iestr	ella	@ens	olun	n.co	m, cł	nami	lton	@ens	solur	n.coi	m, bı	moir	@en	solur	n.co	m,			
i, (field sam	pler), attest to th	e validity an	d authenticit	y of this sample. I	am aw	are that tampering with	or intentionally	mislabeling t	he sa	nple loc	ation,	, date	or tim	e of co	llectio	n is co	nsidere	d frau	d and	may b	e grou	nds for	legal a	ction.			
Sampled by	:Jarad McCa	uley																									
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Religionish	ed by: (5) gnaty	M) 7000/	rles	6122		Time 605	Received by	y: (Signatur	e)	, ,	· lo	4 .	Date	. 2	-2	5	Time	160]			-	-		pled or t a temp
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Note: See	trix: S - Soil, Sd -	ded 14 day	suge, A - Aqu	tts are reported	unless	other arrangements	are made. Haza	ardous sam	ples v	vill be	retur	ned to	o clier	nt or o	lispos	ed of	at the	client	expe	nse.	he re	port fo	r the	analys	is of th	ne abo	ve
samples is	ipies are discar applicable onl	y to those s	samples rec	eived by the labor	oratory	with this COC. The li	iability of the la	boratory is	limit	ed to t	he an	noun	t paid	for o	n the	eport				,		,	-				

envirotech Inc.

Printed: 6/13/2025 1:36:02PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Matador Resources, LLC.	Date Received:	06/13/25	07:00	Work Order ID:	E506092
Phone:	(972) 371-5200	Date Logged In:	06/12/25	14:24	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	06/19/25	17:00 (4 day TAT)		
Chain of	Custody (COC)					
	he sample ID match the COC?		Yes			
2. Does t	he number of samples per sampling site location ma	tch the COC	Yes			
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was th	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes			
5. Were a	Il samples received within holding time?	1 1.1	Yes			
	Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss	•			Comment	ts/Resolution
Sample '	Furn Around Time (TAT)				<u> </u>	
	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (
7. Was a	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	e sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
	, were custody/security seals intact?		NA			
-	ne sample received on ice?					
12. was u	Note: Thermal preservation is not required, if samples a	re received within	Yes			
	15 minutes of sampling					
13. See C	COC for individual sample temps. Samples outside of	of 0°C-6°C will be	recorded	in comments.		
Sample (Container_					
14. Are a	queous VOC samples present?		No			
15. Are \	OC samples collected in VOA Vials?		NA			
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA			
17. Was a	a trip blank (TB) included for VOC analyses?		NA			
18. Are n	on-VOC samples collected in the correct containers	s?	Yes			
19. Is the	appropriate volume/weight or number of sample contain	iners collected?	Yes			
Field La	<u>bel</u>					
20. Were	field sample labels filled out with the minimum inf	ormation:				
	ample ID?		Yes			
	Oate/Time Collected?		Yes			
	Collectors name?		Yes			
	Preservation the COC or field lebels indicate the secondary years a	magamyad9	NI-			
	the COC or field labels indicate the samples were p	oreserved?	No			
	ample(s) correctly preserved?		NA			
	filtration required and/or requested for dissolved m	ictais?	No			
	ase Sample Matrix					
	the sample have more than one phase, i.e., multipha		No			
27. If yes	, does the COC specify which phase(s) is to be anal	lyzed?	NA			
Subcont	ract Laboratory					
	amples required to get sent to a subcontract laborate	-	No			
29. Was a	a subcontract laboratory specified by the client and	if so who?	NA	Subcontract Lab: NA		
Client I	<u>nstruction</u>					
1						
1						

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name: Janie Conner TB

Work Order: E506095

Job Number: 23003-0002

Received: 6/13/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/19/25

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

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

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

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

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

Date Reported: 6/19/25

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

Project Name: Janie Conner TB

Workorder: E506095

Date Received: 6/13/2025 7:00:28AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/13/2025 7:00:28AM, under the Project Name: Janie Conner TB.

The analytical test results summarized in this report with the Project Name: Janie Conner 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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

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Michelle Gonzales

Client Representative

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Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Matador Resources, LLC.	Project Name:	Janie Conner TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Keporteu:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	06/19/25 12:36

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01 - 0'	E506095-01A	Soil	06/11/25	06/13/25	Glass Jar, 2 oz.
SS01 - 1'	E506095-02A	Soil	06/11/25	06/13/25	Glass Jar, 2 oz.
SS02 - 0'	E506095-03A	Soil	06/11/25	06/13/25	Glass Jar, 2 oz.
SS02 - 1'	E506095-04A	Soil	06/11/25	06/13/25	Glass Jar, 2 oz.
SS03 - 0'	E506095-05A	Soil	06/11/25	06/13/25	Glass Jar, 2 oz.
SS03 - 1'	E506095-06A	Soil	06/11/25	06/13/25	Glass Jar, 2 oz.
SS04 - 0'	E506095-07A	Soil	06/11/25	06/13/25	Glass Jar, 2 oz.
SS04 - 1'	E506095-08A	Soil	06/11/25	06/13/25	Glass Jar, 2 oz.
SS06 - 0'	E506095-09A	Soil	06/11/25	06/13/25	Glass Jar, 2 oz.
SS06 - 1'	E506095-10A	Soil	06/11/25	06/13/25	Glass Jar, 2 oz.



Matador Resources, LLC.	Project Name:	Janie Conner TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/19/2025 12:36:33PM

SS01 - 0' E506095-01

		E300093-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Result	Limit	Dilution	Frepared	Anaryzeu	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2524118
Benzene	ND	0.0250	1	06/13/25	06/13/25	
Ethylbenzene	ND	0.0250	1	06/13/25	06/13/25	
Toluene	ND	0.0250	1	06/13/25	06/13/25	
o-Xylene	ND	0.0250	1	06/13/25	06/13/25	
o,m-Xylene	ND	0.0500	1	06/13/25	06/13/25	
Total Xylenes	ND	0.0250	1	06/13/25	06/13/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	06/13/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2524118
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/25	06/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.7 %	70-130	06/13/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: HM		Batch: 2524125
Diesel Range Organics (C10-C28)	ND	25.0	1	06/13/25	06/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/13/25	06/19/25	
Surrogate: n-Nonane		112 %	61-141	06/13/25	06/19/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2524133
Chloride	155	40.0	2	06/13/25	06/13/25	

Matador Resources, LLC.	Project Name:	Janie Conner TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/19/2025 12:36:33PM

SS01 - 1'

|--|

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2524118
Benzene	ND	0.0250	1	06/13/25	06/13/25	
Ethylbenzene	ND	0.0250	1	06/13/25	06/13/25	
Toluene	ND	0.0250	1	06/13/25	06/13/25	
o-Xylene	ND	0.0250	1	06/13/25	06/13/25	
p,m-Xylene	ND	0.0500	1	06/13/25	06/13/25	
Total Xylenes	ND	0.0250	1	06/13/25	06/13/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	06/13/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: BA		Batch: 2524118
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/25	06/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.0 %	70-130	06/13/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: HM		Batch: 2524125
Diesel Range Organics (C10-C28)	ND	25.0	1	06/13/25	06/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/13/25	06/19/25	
Surrogate: n-Nonane		113 %	61-141	06/13/25	06/19/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2524133
Chloride	991	20.0	1	06/13/25	06/13/25	•



M	atador Resources, LLC.	Project Name:	Janie Conner TB	
54	400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
D	allas TX, 75240	Project Manager:	Ashley Giovengo	6/19/2025 12:36:33PM

SS02 - 0'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2524118
Benzene	ND	0.0250	1	06/13/25	06/13/25	
Ethylbenzene	ND	0.0250	1	06/13/25	06/13/25	
Toluene	ND	0.0250	1	06/13/25	06/13/25	
o-Xylene	ND	0.0250	1	06/13/25	06/13/25	
p,m-Xylene	ND	0.0500	1	06/13/25	06/13/25	
Total Xylenes	ND	0.0250	1	06/13/25	06/13/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	06/13/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	Analyst: BA		Batch: 2524118
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/25	06/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.3 %	70-130	06/13/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: HM		Batch: 2524125
Diesel Range Organics (C10-C28)	ND	25.0	1	06/13/25	06/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/13/25	06/19/25	
Surrogate: n-Nonane		109 %	61-141	06/13/25	06/19/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2524133
Chloride	103	20.0	1	06/13/25	06/13/25	



M	atador Resources, LLC.	Project Name:	Janie Conner TB	
54	400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
D	allas TX, 75240	Project Manager:	Ashley Giovengo	6/19/2025 12:36:33PM

SS02 - 1'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2524118
Benzene	ND	0.0250	1	06/13/25	06/13/25	
Ethylbenzene	ND	0.0250	1	06/13/25	06/13/25	
Toluene	ND	0.0250	1	06/13/25	06/13/25	
o-Xylene	ND	0.0250	1	06/13/25	06/13/25	
p,m-Xylene	ND	0.0500	1	06/13/25	06/13/25	
Total Xylenes	ND	0.0250	1	06/13/25	06/13/25	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	06/13/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	Analyst: BA		Batch: 2524118
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/25	06/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.3 %	70-130	06/13/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	Analyst: HM		Batch: 2524125
Diesel Range Organics (C10-C28)	ND	25.0	1	06/13/25	06/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/13/25	06/19/25	
Surrogate: n-Nonane		108 %	61-141	06/13/25	06/19/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2524133
Chloride	794	20.0	1	06/13/25	06/13/25	
Chioride	,,,,	20.0	_			



Matador Resources, LLC.	Project Name:	Janie Conner TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/19/2025 12:36:33PM

SS03 - 0'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2524118
Benzene	ND	0.0250	1	06/13/25	06/13/25	
Ethylbenzene	ND	0.0250	1	06/13/25	06/13/25	
Toluene	ND	0.0250	1	06/13/25	06/13/25	
o-Xylene	ND	0.0250	1	06/13/25	06/13/25	
p,m-Xylene	ND	0.0500	1	06/13/25	06/13/25	
Total Xylenes	ND	0.0250	1	06/13/25	06/13/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	06/13/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2524118
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/25	06/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.8 %	70-130	06/13/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: HM		Batch: 2524125
Diesel Range Organics (C10-C28)	ND	25.0	1	06/13/25	06/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/13/25	06/19/25	
Surrogate: n-Nonane		108 %	61-141	06/13/25	06/19/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2524133
	6220	200	10	06/13/25	06/13/25	



M	atador Resources, LLC.	Project Name:	Janie Conner TB	
54	400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
D	allas TX, 75240	Project Manager:	Ashley Giovengo	6/19/2025 12:36:33PM

SS03 - 1'

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	/st: BA		Batch: 2524118
ND	0.0250	1	06/13/25	06/13/25	
ND	0.0250	1	06/13/25	06/13/25	
ND	0.0250	1	06/13/25	06/13/25	
ND	0.0250	1	06/13/25	06/13/25	
ND	0.0500	1	06/13/25	06/13/25	
ND	0.0250	1	06/13/25	06/13/25	
	102 %	70-130	06/13/25	06/13/25	
mg/kg	mg/kg	Analy	/st: BA		Batch: 2524118
ND	20.0	1	06/13/25	06/13/25	
	93.1 %	70-130	06/13/25	06/13/25	
mg/kg	mg/kg	Analy	/st: HM		Batch: 2524125
ND	25.0	1	06/13/25	06/19/25	
ND	50.0	1	06/13/25	06/19/25	
	106 %	61-141	06/13/25	06/19/25	
mg/kg	106 % mg/kg		06/13/25 vst: DT	06/19/25	Batch: 2524133
	mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 IO2 % mg/kg MD 20.0 93.1 % mg/kg MD 25.0	Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 mg/kg mg/kg Analy ND 20.0 1 93.1 % 70-130 mg/kg mg/kg Analy nD 25.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 06/13/25 ND 0.0250 1 06/13/25 ND 0.0250 1 06/13/25 ND 0.0250 1 06/13/25 ND 0.0500 1 06/13/25 ND 0.0250 1 06/13/25 mg/kg mg/kg Analyst: BA ND 20.0 1 06/13/25 mg/kg mg/kg Analyst: HM ND 25.0 1 06/13/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 06/13/25 06/13/25 ND 0.0500 1 06/13/25 06/13/25 ND 0.0250 1 06/13/25 06/13/25 mg/kg 70-130 06/13/25 06/13/25 mg/kg Analyst: BA ND 20.0 1 06/13/25 06/13/25 mg/kg Analyst: BA 06/13/25 06/13/25 mg/kg Mg/kg Analyst: HM ND 25.0 1 06/13/25 06/19/25



M	atador Resources, LLC.	Project Name:	Janie Conner TB	
54	400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
D	allas TX, 75240	Project Manager:	Ashley Giovengo	6/19/2025 12:36:33PM

SS04 - 0'

E50	/n/	~ 4	`
H 211	MIL	ソーー	. ,

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	nlyst: BA		Batch: 2524118
Benzene	ND	0.0250	1	06/13/25	06/13/25	
Ethylbenzene	ND	0.0250	1	06/13/25	06/13/25	
Toluene	ND	0.0250	1	06/13/25	06/13/25	
o-Xylene	ND	0.0250	1	06/13/25	06/13/25	
p,m-Xylene	ND	0.0500	1	06/13/25	06/13/25	
Total Xylenes	ND	0.0250	1	06/13/25	06/13/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	06/13/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2524118
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/25	06/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.2 %	70-130	06/13/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: HM		Batch: 2524125
Diesel Range Organics (C10-C28)	ND	25.0	1	06/13/25	06/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/13/25	06/19/25	
Surrogate: n-Nonane		106 %	61-141	06/13/25	06/19/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2524133
Chloride	8260	400	20	06/13/25	06/14/25	•



Matador Resources, LLC.	Project Name:	Janie Conner TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/19/2025 12:36:33PM

SS04 - 1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2524118
Benzene	ND	0.0250	1	06/13/25	06/13/25	
Ethylbenzene	ND	0.0250	1	06/13/25	06/13/25	
Toluene	ND	0.0250	1	06/13/25	06/13/25	
o-Xylene	ND	0.0250	1	06/13/25	06/13/25	
p,m-Xylene	ND	0.0500	1	06/13/25	06/13/25	
Total Xylenes	ND	0.0250	1	06/13/25	06/13/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	06/13/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2524118
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/25	06/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.7 %	70-130	06/13/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: HM		Batch: 2524125
Diesel Range Organics (C10-C28)	ND	25.0	1	06/13/25	06/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/13/25	06/19/25	
Surrogate: n-Nonane		113 %	61-141	06/13/25	06/19/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2524133
	619	40.0	2	06/13/25	06/14/25	



M	atador Resources, LLC.	Project Name:	Janie Conner TB	
54	400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
D	allas TX, 75240	Project Manager:	Ashley Giovengo	6/19/2025 12:36:33PM

SS06 - 0'

E506095-09						
Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2524118
Benzene	ND	0.0250	1	06/13/25	06/13/25	
Ethylbenzene	ND	0.0250	1	06/13/25	06/13/25	
Toluene	ND	0.0250	1	06/13/25	06/13/25	
o-Xylene	ND	0.0250	1	06/13/25	06/13/25	
p,m-Xylene	ND	0.0500	1	06/13/25	06/13/25	
Total Xylenes	ND	0.0250	1	06/13/25	06/13/25	
Surrogate: 4-Bromochlorobenzene-PID		98.9 %	70-130	06/13/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2524118
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/25	06/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.7 %	70-130	06/13/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: HM		Batch: 2524125
Diesel Range Organics (C10-C28)	ND	25.0	1	06/13/25	06/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/13/25	06/19/25	
Surrogate: n-Nonane		107 %	61-141	06/13/25	06/19/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2524133
Chloride	8670	200	10	06/13/25	06/14/25	



Chloride

Sample Data

M	atador Resources, LLC.	Project Name:	Janie Conner TB	
54	400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
D	allas TX, 75240	Project Manager:	Ashley Giovengo	6/19/2025 12:36:33PM

SS06 - 1'

		E506095-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: BA		Batch: 2524118
Benzene	ND	0.0250	1	06/13/25	06/13/25	
Ethylbenzene	ND	0.0250	1	06/13/25	06/13/25	
Toluene	ND	0.0250	1	06/13/25	06/13/25	
o-Xylene	ND	0.0250	1	06/13/25	06/13/25	
p,m-Xylene	ND	0.0500	1	06/13/25	06/13/25	
Total Xylenes	ND	0.0250	1	06/13/25	06/13/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	06/13/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2524118
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/25	06/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.5 %	70-130	06/13/25	06/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: HM		Batch: 2524125
Diesel Range Organics (C10-C28)	ND	25.0	1	06/13/25	06/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/13/25	06/19/25	
Surrogate: n-Nonane		108 %	61-141	06/13/25	06/19/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2524133

200

6280

10

06/13/25

06/14/25



Janie Conner TB Matador Resources, LLC. Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 Dallas TX, 75240 Project Manager: Ashley Giovengo 6/19/2025 12:36:33PM **Volatile Organics by EPA 8021B** Analyst: BA Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2524118-BLK1) Prepared: 06/13/25 Analyzed: 06/13/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 8.04 8.00 101 70-130 LCS (2524118-BS1) Prepared: 06/13/25 Analyzed: 06/13/25 5.53 111 70-130 5.00 Benzene 0.0250 Ethylbenzene 5.58 0.0250 5.00 112 70-130 5.60 0.0250 5.00 112 70-130 Toluene 5.52 110 o-Xylene 0.0250 5.00 70-130 11.2 10.0 112 70-130 0.0500 p.m-Xvlene 112 70-130 16.8 15.0 Total Xylenes 0.0250 8.00 101 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.09 Matrix Spike (2524118-MS1) Source: E506095-05 Prepared: 06/13/25 Analyzed: 06/13/25 5.33 0.0250 5.00 ND 70-130 Benzene ND 70-130 Ethylbenzene 5.38 0.0250 5.00 108 Toluene 5.40 0.0250 5.00 ND 108 70-130 5.33 ND 107 70-130 5.00 0.0250 o-Xylene p,m-Xylene 10.8 0.0500 10.0 ND 108 70-130 16.2 0.0250 15.0 ND 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.15 8.00 Matrix Spike Dup (2524118-MSD1) Source: E506095-05 Prepared: 06/13/25 Analyzed: 06/13/25

4.93

5.00

5.00

4.94

10.1

15.0

8.09

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

5.00

5.00

5.00

5.00

10.0

15.0

8.00

ND

ND

ND

ND

ND

ND

98.6

99.9

100

98.7

101

100

101

70-130

70-130

70-130

70-130

70-130

70-130

70-130

7.78

7.49

7.56

7.56

7.35

7.42

27

26

20

25

23

26



Ethylbenzene Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Matador Resources, LLC.Project Name:Janie Conner TBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo6/19/2025 12:36:33PM

Dallas TX, 75240		Project Manage	r: As	shley Gioveng	go				6/19/2025 12:36:33PN
	Non	halogenated	Organics l	by EPA 80	15D - G	RO			Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2524118-BLK1)							Prepared: 0	6/13/25 A	nalyzed: 06/13/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.56		8.00		94.5	70-130			
LCS (2524118-BS2)							Prepared: 0	6/13/25 A	nalyzed: 06/13/25
Gasoline Range Organics (C6-C10)	47.5	20.0	50.0		95.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.62		8.00		95.2	70-130			
Matrix Spike (2524118-MS2)				Source:	E506095-	05	Prepared: 0	6/13/25 A	nalyzed: 06/13/25
Gasoline Range Organics (C6-C10)	46.8	20.0	50.0	ND	93.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.52		8.00		94.0	70-130			
Matrix Spike Dup (2524118-MSD2)				Source:	E506095-	05	Prepared: 0	6/13/25 A	nalyzed: 06/13/25
Gasoline Range Organics (C6-C10)	46.9	20.0	50.0	ND	93.8	70-130	0.128	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.56		8.00		94.5	70-130			

Matador Resources, LLC.Project Name:Janie Conner TBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo6/19/2025 12:36:33PM

	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: HM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2524125-BLK1)							Prepared: 0	6/13/25 Ana	lyzed: 06/19/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.0		50.0		110	61-141			
LCS (2524125-BS1)							Prepared: 0	6/13/25 Ana	lyzed: 06/19/25
Diesel Range Organics (C10-C28)	261	25.0	250		105	66-144			
Surrogate: n-Nonane	51.3		50.0		103	61-141			
Matrix Spike (2524125-MS1)				Source:	E506095-	10	Prepared: 0	6/13/25 Ana	lyzed: 06/19/25
Diesel Range Organics (C10-C28)	269	25.0	250	ND	108	56-156			
Surrogate: n-Nonane	52.3		50.0		105	61-141			
Matrix Spike Dup (2524125-MSD1)				Source:	E506095-	10	Prepared: 0	6/13/25 Ana	lyzed: 06/19/25
Diesel Range Organics (C10-C28)	275	25.0	250	ND	110	56-156	1.96	20	
Surrogate: n-Nonane	52.8		50.0		106	61-141			

Matrix Spike (2524133-MS1)

Matrix Spike Dup (2524133-MSD1)

Chloride

Chloride

1170

993

Prepared: 06/13/25 Analyzed: 06/13/25

Prepared: 06/13/25 Analyzed: 06/13/25

20

M2

M2

QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500		Project Name: Project Number:		anie Conner Tl 3003-0002	В				Reported:
Dallas TX, 75240		Project Manager:	A	shley Gioveng	go				6/19/2025 12:36:33PM
		Anions	by EPA	300.0/9056	4				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2524133-BLK1)							Prepared: 0	6/13/25 A	nalyzed: 06/13/25
Chloride	ND	20.0							
LCS (2524133-BS1)							Prepared: 0	6/13/25 A	nalyzed: 06/13/25
Chloride	253	20.0	250		101	90-110			

250

250

20.0

20.0

Source: E506095-04

Source: E506095-04

150

79.5

80-120

80-120

16.2

794

794

QC Summary Report Comment:

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



Definitions and Notes

Matador Resources, LLC.	Project Name:	Janie Conner TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	06/19/25 12:36

M2 Matrix spike recovery was outside quality control limits. 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.



to Imaging: 12/8/2025 10:01:49 AM

Page _	1	_ of _	<u> </u>

	Clie	nt Inform	ation			Invoice Information				Lab Use Only						TAT			State					
Client: N	Natador Proc	luction Co	ompany		1	Company: Ens	solum LLC			Lab WO# Job Number 2 >005 0007					1D	2D	3D	Std	NM	CO UT	TX			
Project N	lame:	Janie Co	onner TB]	Address: 3122	National Parks Hw	ν	U	ES	<u>Joi</u>	δO,	15	<u>z×</u>	D 5	.00	20				X	Х		
Project N	lanager: As	hley Giov	engo]	City, State, Zip:	Carlsbad NM, 882	20	<u> Г</u>															_
Address:	3122 Natio	nal Parks	Hwy]	Phone: 575-9	88-0055		1	[Anal	ysis	and	Met	hod				EP	A Progra	ım
City, Stat	e, Zip: Carls	bad NM,	88220]	Email: agiove	engo@ensolum.con	n														SDWA	CWA	RCRA
Phone: 5	575-988-005	5			1	Miscellaneous:																		
Email: a	giovengo@e	nsolum.c	om								ឡ	ži į					l					Complian	ce Y	or N
				_					_		8 2	8	ᆏ	١٩١	0.0	¥	뚩					PWSID#		
				Sample I	nforr	nation					õ	8	780	826	8	8	ž		Ž.	ř		활호		ļ
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID		Field	Lat Numi		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	вевос - тх		Samle Temp	Ren	narks
14:32	6/11/2025	s	1	SS01 - 0'		-			ı										X			2.3		
14:34	6/11/2025	S	1	SS01 - 1'					2	?									Х			2.2		
10:00	6/11/2025	s	1	SS02 - 0'			-		3										X			1.9		
10:04	6/11/2025	s	1	SS02 - 1'					4										х			2.2		
10:07	6/11/2025	S	1	SS03 - 0'					5										х			1.0		
10:09	6/11/2025	S	1	SS03 - 1'					V	_									х			2.6		-
10:11	6/11/2025	S	1	SS04 - 0'					7	1									х			39		
10:13	6/11/2025	s	1	SS04 - 1'					8										х			2.2		
11:03	6/11/2025	s	1	SS06 - 0'					9										х			37		
11:04	6/11/2025	s	1	SS06 - 1'					10	<u>, </u>									х			4.7		
			ase CC: cl	burton@enso	lum.	com, agiovengo	@ensolum.com, ie:	strella	-		m.co	m, cl	nami	iton@)en	solur	n.co	m, b	moir	@en	solu	m.com,		
I, (field sam	ey@ensolun pler), attest to th	e validity and	authenticity	of this sample. I a	am awa	re that tampering with	n or intentionally mislabelin	g the sa	mple loc	cation	, date	or time	e of co	llection	is co	nsidere	ed frau	d and	may be	e grou	nds for	legal action.		
	:Jarad McCat																							
Relinquish	ed by: (Signatu	re)		Date 06/12/25		Time 07:15	Recognized by (Signat	ure G	0012	al	eç	Date	-1,2	۲٠۶	5	Time	יור	<			1	Samples re servation r		nermal eceived on
Registration	ediby: (Franty	Gong	ales	ور بائ		Time	Received by (Signature) Received by: (Signature) Received by: (Signature)	ture)		0		Date	-12	-25	-	Time	605	_				the day the	•	•
Relinquish	ed by: (Signatu	re) msale		Date 6-12-25		1900	Received by: (Signal	ure		en La		Date		- 25		Time /	90	0			а	bove 0 but subse	less than	
	ed/by: (Signa)			Date		Time	Regeived by: (Signa	uro) –	371	7	4	Date			_	Time				1		Lab	Use Only	
14/10	hard 1	rove	ales	6-12-23	5	0030		4		W	~	† <i>(0</i>	·13	3 á	5	7	00)				Recei	ved on ic	e:
Relinquish	ed by: (Signatu	re)	/	Date		Time	Received by: (Signat	ture)				Date				Time							N	
	trix: S - Soil, Sd - S								tainer															
Note: San	ples are discar						are made. Hazardous s										clien	t expe	ense.	The re	eport 1	for the anal	sis of the	above

envirotech Inc.

Printed: 6/13/2025 1:43:51PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Matador Resources, LLC.	Date Received:	06/13/25	07:00	Work C	rder ID:	E506095
Phone:	(972) 371-5200	Date Logged In:	06/12/25	14:38	Logged	In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	06/19/25	17:00 (4 day TAT)			
Chain of	Custody (COC)						
	he sample ID match the COC?		Yes				
	he number of samples per sampling site location m	atch the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier: Cou	<u>ırier</u>		
	e COC complete, i.e., signatures, dates/times, requi	ested analyses?	Yes				
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted	in the field	Yes				
	i.e, 15 minute hold time, are not included in this disucss				<u>(</u>	Comment	ts/Resolution
Sample 7	<u> [urn Around Time (TAT)</u>						
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample (
	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes	, were custody/security seals intact?		NA				
12. Was th	e sample received on ice?		Yes				
	Note: Thermal preservation is not required, if samples a	re received within					
12 Sec. C	15 minutes of sampling	of 00C 60C:11 bo	manamdad	in comments			
	OC for individual sample temps. Samples outside	of 0 C-0 C will be	recorded	in comments.			
	Container		NT-				
	queous VOC samples present? OC samples collected in VOA Vials?		No NA				
	head space less than 6-8 mm (pea sized or less)?		NA NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct container	₂ 9	Yes				
	appropriate volume/weight or number of sample conta		Yes				
	** *	mers conected:	105				
Field La	field sample labels filled out with the minimum in:	formation:					
	ample ID?	omanon.	Yes				
	Pate/Time Collected?		Yes	L			
C	collectors name?		Yes				
	<u>Preservation</u>						
21. Does	the COC or field labels indicate the samples were j	oreserved?	No				
	ample(s) correctly preserved?		NA				
24. Is lab	filtration required and/or requested for dissolved n	netals?	No				
Multipha	ase Sample Matrix						
26. Does	the sample have more than one phase, i.e., multiph	ase?	No				
27. If yes	, does the COC specify which phase(s) is to be ana	lyzed?	NA				
Subconti	act Laboratory						
28. Are s	amples required to get sent to a subcontract laborat	ory?	No				
29. Was a	subcontract laboratory specified by the client and	if so who?	NA	Subcontract Lab: N	NΑ		
Client I	nstruction						
							1

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name: Janie Conner TB

Work Order: E506247

Job Number: 23003-0002

Received: 6/27/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 7/2/25

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

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

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

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

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

Date Reported: 7/2/25

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

Project Name: Janie Conner TB

Workorder: E506247

Date Received: 6/27/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/27/2025 7:00:00AM, under the Project Name: Janie Conner TB.

The analytical test results summarized in this report with the Project Name: Janie Conner 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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

Walter Hinchman

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Sample Summary

Matador Resources, LLC.	Project Name:	Janie Conner TB	Denouted
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	07/02/25 12:10

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS05A-0'	E506247-01A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
SS05A-1'	E506247-02A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
SS06A-0'	E506247-03A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
SS06A-1'	E506247-04A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
BH01-0'	E506247-05A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
BH01-2'	E506247-06A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
BH01-4'	E506247-07A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
BH01-6'	E506247-08A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
BH01-8'	E506247-09A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
BH01-9'	E506247-10A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.

Matador Resources, LLC.	Project Name:	Janie Conner TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/2/2025 12:10:30PM

SS05A-0' E506247-01

		E500247-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2526139
Benzene	ND	0.0250	1	06/27/25	06/29/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/29/25	
Toluene	ND	0.0250	1	06/27/25	06/29/25	
o-Xylene	ND	0.0250	1	06/27/25	06/29/25	
o,m-Xylene	ND	0.0500	1	06/27/25	06/29/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/29/25	
Surrogate: 4-Bromochlorobenzene-PID		108 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2526139
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.2 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2527003
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/25	07/01/25	
Surrogate: n-Nonane		112 %	61-141	06/29/25	07/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2527013
Chloride	3480	200	10	06/30/25	06/30/25	

Matador Resources, LLC.	Project Name:	Janie Conner TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/2/2025 12:10:30PM

SS05A-1' E506247-02

		E300247-02				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2526139
Benzene	ND	0.0250	1	06/27/25	06/29/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/29/25	
Toluene	ND	0.0250	1	06/27/25	06/29/25	
o-Xylene	ND	0.0250	1	06/27/25	06/29/25	
o,m-Xylene	ND	0.0500	1	06/27/25	06/29/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/29/25	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2526139
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.7 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2527003
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/25	07/01/25	
Surrogate: n-Nonane		114 %	61-141	06/29/25	07/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: JM		Batch: 2527013
Chloride	1050	40.0	2	06/30/25	06/30/25	



Matador Resources, LLC.	Project Name:	Janie Conner TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/2/2025 12:10:30PM

SS06A-0' E506247-03

	E300247-03				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: BA		Batch: 2526139
ND	0.0250	1	06/27/25	06/29/25	
ND	0.0250	1	06/27/25	06/29/25	
ND	0.0250	1	06/27/25	06/29/25	
ND	0.0250	1	06/27/25	06/29/25	
ND	0.0500	1	06/27/25	06/29/25	
ND	0.0250	1	06/27/25	06/29/25	
	102 %	70-130	06/27/25	06/29/25	
mg/kg	mg/kg	Anal	yst: BA		Batch: 2526139
ND	20.0	1	06/27/25	06/29/25	
	94.7 %	70-130	06/27/25	06/29/25	
mg/kg	mg/kg	Anal	yst: KH		Batch: 2527003
ND	25.0	1	06/29/25	07/01/25	
ND	50.0	1	06/29/25	07/01/25	
	107 %	61-141	06/29/25	07/01/25	
mg/kg	mg/kg	Anal	yst: JM		Batch: 2527013
6470	200	10	06/30/25	06/30/25	
	mg/kg ND Mg/kg ND mg/kg	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 IO2 % mg/kg mg/kg mg/kg ND 20.0 94.7 % mg/kg ND 25.0 ND 50.0 107 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 Mg/kg mg/kg Anal ND 20.0 1 94.7 % 70-130 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 107 % 61-141 61-141 mg/kg mg/kg Anal	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 06/27/25 ND 0.0250 1 06/27/25 ND 0.0250 1 06/27/25 ND 0.0500 1 06/27/25 ND 0.0250 1 06/27/25 ND 0.0250 1 06/27/25 mg/kg mg/kg Analyst: BA ND 20.0 1 06/27/25 mg/kg mg/kg Analyst: KH ND 25.0 1 06/29/25 ND 50.0 1 06/29/25 ND 50.0 1 06/29/25 ND 50.0 1 06/29/25 Mg/kg mg/kg Analyst: JM	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 06/27/25 06/29/25 ND 0.0250 1 06/27/25 06/29/25 ND 0.0250 1 06/27/25 06/29/25 ND 0.0500 1 06/27/25 06/29/25 ND 0.0250 1 06/27/25 06/29/25 ND 0.0250 1 06/27/25 06/29/25 ND 0.0250 1 06/27/25 06/29/25 mg/kg mg/kg Analyst: BA ND 20.0 1 06/27/25 06/29/25 mg/kg mg/kg Analyst: KH ND 25.0 1 06/29/25 07/01/25 ND 50.0 1 06/29/25 07/01/25 ND 50.0 1 06/29/25 07/01/25 ND 50.0 1 06/29/25



Matador Resources, LLC.	Project Name:	Janie Conner TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/2/2025 12:10:30PM

SS06A-1' E506247-04

		E300247-04				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2526139
Benzene	ND	0.0250	1	06/27/25	06/29/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/29/25	
Toluene	ND	0.0250	1	06/27/25	06/29/25	
o-Xylene	ND	0.0250	1	06/27/25	06/29/25	
o,m-Xylene	ND	0.0500	1	06/27/25	06/29/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/29/25	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2526139
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.4 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2527003
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/25	07/01/25	
Surrogate: n-Nonane		106 %	61-141	06/29/25	07/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: JM		Batch: 2527013
Chloride	1980	40.0	2	06/30/25	06/30/25	



Matador Resources, LLC.	Project Name:	Janie Conner TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/2/2025 12:10:30PM

BH01-0'

E506247-05						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: BA		Batch: 2526139
Benzene	ND	0.0250	1	06/27/25	06/29/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/29/25	
Toluene	ND	0.0250	1	06/27/25	06/29/25	
o-Xylene	ND	0.0250	1	06/27/25	06/29/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/29/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/29/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: BA		Batch: 2526139
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.8 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2527003
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/25	07/01/25	
Surrogate: n-Nonane		111 %	61-141	06/29/25	07/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: JM		Batch: 2527013
Chloride	18800	400	20	06/30/25	06/30/25	



Matador Resources, LLC.	Project Name:	Janie Conner TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/2/2025 12:10:30PM

BH01-2'

E506247-06

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2526139
Benzene	ND	0.0250	1	06/27/25	06/29/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/29/25	
Toluene	ND	0.0250	1	06/27/25	06/29/25	
o-Xylene	ND	0.0250	1	06/27/25	06/29/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/29/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/29/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2526139
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.0 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2527003
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/25	07/01/25	
Surrogate: n-Nonane		111 %	61-141	06/29/25	07/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: JM		Batch: 2527013
Chloride	8430	200	10	06/30/25	06/30/25	



Matador Resources, LLC.	Project Name:	Janie Conner TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/2/2025 12:10:30PM

BH01-4' E506247-07

		E300247 07				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: BA		Batch: 2526139
Benzene	ND	0.0250	1	06/27/25	06/29/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/29/25	
Toluene	ND	0.0250	1	06/27/25	06/29/25	
o-Xylene	ND	0.0250	1	06/27/25	06/29/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/29/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/29/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: BA		Batch: 2526139
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.5 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2527003
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/25	07/01/25	
Surrogate: n-Nonane		110 %	61-141	06/29/25	07/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: JM		Batch: 2527013
Chloride	10300	200	10	06/30/25	06/30/25	



M	latador Resources, LLC.	Project Name:	Janie Conner TB	
54	400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
D	allas TX, 75240	Project Manager:	Ashley Giovengo	7/2/2025 12:10:30PM

BH01-6' E506247-08

		E500247-08				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Kesuit	Limit	Dilution	Frepared	Analyzeu	rioles
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: BA		Batch: 2526139
Benzene	ND	0.0250	1	06/27/25	06/29/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/29/25	
Toluene	ND	0.0250	1	06/27/25	06/29/25	
o-Xylene	ND	0.0250	1	06/27/25	06/29/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/29/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/29/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: BA		Batch: 2526139
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.1 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KH		Batch: 2527003
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/25	07/01/25	
Surrogate: n-Nonane		110 %	61-141	06/29/25	07/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: JM		Batch: 2527013
Chloride	7150	400	20	06/30/25	06/30/25	



Chloride

Sample Data

Matador Resources, LLC.	Project Name:	Janie Conner TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/2/2025 12:10:30PM

BH01-8'

		E506247-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2526139
Benzene	ND	0.0250	1	06/27/25	06/29/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/29/25	
Toluene	ND	0.0250	1	06/27/25	06/29/25	
o-Xylene	ND	0.0250	1	06/27/25	06/29/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/29/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/29/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2526139
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.9 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2527003
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/25	07/01/25	
Surrogate: n-Nonane		110 %	61-141	06/29/25	07/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: JM		Batch: 2527013

200

10

06/30/25

4420



06/30/25

Matador Resources, LLC.	Project Name:	Janie Conner TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/2/2025 12:10:30PM

BH01-9'

E506247-10

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2526139
Benzene	ND	0.0250	1	06/27/25	06/29/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/29/25	
Toluene	ND	0.0250	1	06/27/25	06/29/25	
o-Xylene	ND	0.0250	1	06/27/25	06/29/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/29/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/29/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2526139
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.5 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2527003
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/25	07/01/25	
Surrogate: n-Nonane		111 %	61-141	06/29/25	07/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	Analyst: JM		Batch: 2527013
Chloride	1270	200	10	06/30/25	07/01/25	



Matador Resources, LLC. Janie Conner TB Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 Dallas TX, 75240 Project Manager: Ashley Giovengo 7/2/2025 12:10:30PM **Volatile Organics by EPA 8021B** Analyst: BA RPD Reporting Spike Source Rec Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2526139-BLK1) Prepared: 06/27/25 Analyzed: 06/29/25 ND 0.0250 ND Ethylbenzene 0.0250 ND Toluene 0.0250 ND 0.0250 o-Xylene ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 8.21 8.00 103 70-130 LCS (2526139-BS1) Prepared: 06/27/25 Analyzed: 06/29/25 4.80 5.00 95.9 70-130 0.0250 Benzene Ethylbenzene 4.44 0.0250 5.00 88.7 70-130 92.7 70-130 4.64 0.0250 5.00 Toluene 4.41 88.1 70-130 o-Xylene 0.0250 5.00 8.81 0.0500 10.0 88.1 70-130 p,m-Xylene 88.1 70-130 13.2 0.0250 15.0 Total Xylenes 8.00 102 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.18

Matrix Spike (2526139-MS1)				Source:	E506246-	03	Prepared: 06/27/25 Analyzed: 06/29/25
Benzene	5.43	0.0250	5.00	ND	109	70-130	
Ethylbenzene	5.30	0.0250	5.00	ND	106	70-130	
Toluene	5.39	0.0250	5.00	ND	108	70-130	
o-Xylene	5.21	0.0250	5.00	ND	104	70-130	
p,m-Xylene	10.6	0.0500	10.0	ND	106	70-130	
Total Xylenes	15.8	0.0250	15.0	ND	106	70-130	
Surrogate: 4-Bromochlorobenzene-PID	8.30		8.00		104	70-130	

Matrix Spike Dup (2526139-MSD1)					Source: E506246-03			Prepared: 06/27/25 Analyzed: 06/29/25		
Benzene	4.88	0.0250	5.00	ND	97.6	70-130	10.7	27		
Ethylbenzene	4.77	0.0250	5.00	ND	95.4	70-130	10.5	26		
Toluene	4.84	0.0250	5.00	ND	96.8	70-130	10.8	20		
o-Xylene	4.69	0.0250	5.00	ND	93.7	70-130	10.6	25		
p,m-Xylene	9.59	0.0500	10.0	ND	95.9	70-130	10.2	23		
Total Xylenes	14.3	0.0250	15.0	ND	95.2	70-130	10.3	26		
Surrogate: 4-Bromochlorobenzene-PID	8.28		8.00		104	70-130				

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Matador Resources, LLC.Project Name:Janie Conner TBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo7/2/2025 12:10:30PM

Dallas TX, 75240		Project Manage	r: As	shley Gioven	go			7/2	2/2025 12:10:30PM	
	Nonhalogenated Organics by EPA 8015D - GRO								Analyst: BA	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	N .	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2526139-BLK1)							Prepared: 0	6/27/25 Anal	yzed: 06/29/25	
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.67		8.00		95.9	70-130				
LCS (2526139-BS2)							Prepared: 0	6/27/25 Anal	yzed: 06/29/25	
Gasoline Range Organics (C6-C10)	42.3	20.0	50.0		84.7	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.78		8.00		97.3	70-130				
Matrix Spike (2526139-MS2)				Source:	E506246-	03	Prepared: 0	6/27/25 Anal	yzed: 06/29/25	
Gasoline Range Organics (C6-C10)	43.3	20.0	50.0	ND	86.5	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.74		8.00		96.7	70-130				
Matrix Spike Dup (2526139-MSD2)				Source:	E506246-	03	Prepared: 0	6/27/25 Anal	yzed: 06/29/25	
Gasoline Range Organics (C6-C10)	42.9	20.0	50.0	ND	85.9	70-130	0.744	20		

7.71

96.3

70-130

QC Summary Data

Matador Resources, LLC.	Project Name:	Janie Conner TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	•
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/2/2025 12:10:30PM

Bullus 171, 732 10		Troject Manage		iney Groveng	50				
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2527003-BLK1)							Prepared: 0	6/29/25 Anal	yzed: 06/30/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.2		50.0		100	61-141			
LCS (2527003-BS1)							Prepared: 0	6/29/25 Anal	yzed: 06/30/25
Diesel Range Organics (C10-C28)	282	25.0	250		113	66-144			
Surrogate: n-Nonane	49.6		50.0		99.3	61-141			
Matrix Spike (2527003-MS1)				Source:	E506244-0	02	Prepared: 0	6/29/25 Anal	yzed: 06/30/25
Diesel Range Organics (C10-C28)	295	25.0	250	ND	118	56-156			
Surrogate: n-Nonane	48.3		50.0		96.5	61-141			
Matrix Spike Dup (2527003-MSD1)				Source:	E506244-0	02	Prepared: 0	6/29/25 Anal	yzed: 06/30/25
Diesel Range Organics (C10-C28)	290	25.0	250	ND	116	56-156	1.91	20	
Surrogate: n-Nonane	50.6		50.0		101	61-141			



Chloride

QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500		Project Name: Project Number:		nie Conner TI 003-0002	В				Reported:
Dallas TX, 75240		Project Manager		shley Gioveng	go				7/2/2025 12:10:30PM
		Anions	by EPA 3	00.0/9056	\				Analyst: JM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2527013-BLK1)							Prepared: 0	6/30/25	Analyzed: 06/30/25
Chloride	ND	20.0							
LCS (2527013-BS1)							Prepared: 0	6/30/25	Analyzed: 06/30/25
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2527013-MS1)				Source:	E506246-	04	Prepared: 0	6/30/25	Analyzed: 06/30/25
Chloride	252	20.0	250	ND	101	80-120			
Matrix Spike Dup (2527013-MSD1)				Source:	E506246-	04	Prepared: 0	6/30/25	Analyzed: 06/30/25

250

20.0

ND

101

80-120

0.0626

QC Summary Report Comment:

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



Definitions and Notes

l	Matador Resources, LLC.	Project Name:	Janie Conner TB	
l	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
١	Dallas TX, 75240	Project Manager:	Ashley Giovengo	07/02/25 12:10

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



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nsolum.com													SDV	NA	CV	VA	RC	RA
		by 8015	by 8015	021	09	0.00	- NM	XI-	etals				Comp		e	Υ	or	N
10 ±	ab nber	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - N	TCEQ. 1005	RCRA 8 Metals						Rem	arks		
	1						х						1	7				

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Project: J	Janie Cornne	r TB			A	ddress: 3122 National Parks H	Hwy		E50	7(0	24	1	23	200	ω	02			>		X		
Project N	Manager: Ash	nley Giove	engo		Ci	ity, State, Zip: Carlsbad NM, 8	38220																
Address:	3122 Nation	nal Parks	Hwy		Pł	hone: 575-988-0055			Г				Ana	lvsis	and	Met	hod				EP	A Progra	am
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				Sam	ple Informati	ion	1			8	8	7 8(/ 82	Je 3	-	305	Ž						
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Field	Lab Numb	ber	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals					Remarks	
10:41	6/24/2025	S	1			SS05A-0'		1							Х						1.8		
11:40	6/24/2025	S	1			SS05A-1'		2							х						2.0		
12:04	6/24/2025	S	1			SS06A-0'		3							х					$\overline{}$	2.3		
13:33	6/24/2025	S	1			SS06A-1'		4							х						30		
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Addition	al Instructio	ns: Plea	se CC: cbi	ırton@er	solum.com.	agiovengo@ensolum.com, ch	namilton	@enso	dum	com	iest	trell		SOU	lm c	om	hsim	mon	- Men	solu	m com		
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I, (field same	pler), attest to the	e validity and	authenticity	of this samp	le. I am aware the	at tampering with or intentionally mislabe	eling the sar	mple locat	tion, da	ate or	time o	of coll	ection	s con	sidere	d frauc	l and n	nav be	ground	for le	egal action		
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						arrangements are made. Hazardous s							osed o	f at t	he clie	ent ex	pense	The r	eport f	or th	e analysis of	the above	e samples is



Chain of Custody

Released to Imaging: 12/8/2025 10:01:49 AM

	Clie	nt Inform	ation			Invoice Inform	ation				La	b Us	e Or	ly				T.	AT			State	
Client: N	latador Prod	uction Co	mpany		Co	ompany: Ensolum LLC			Lab \	WO#			Job	Num	ber		1D	2D	3D	Std	NM	CO UT	TX
	anie Cornner					ddress: 3122 National Pa	arks Hwy		PS	#OW	24-	7	23	003	5.00	50			_	X	X		
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	e, Zip: Carlsh				F	mail: agiovengo@ensol	um.com														SDWA	CWA	RCRA
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Time	+ T. S. S. S. S. S.	10.00	No. of				D	a La	b	/OR	/DR	k by	ρ	ride	90	100	A 8					Remarks	
Sampled	Date Sampled	Matrix	Containers			Sample ID	Field	Num		DRO	SRO	BTE)	9	왕	3GD	CEC	SC.						
14:19	6/24/2025	S	1			BH01-0'		5							X	H					2.6		
14:26	6/24/2025					BH01-2'	-	,												-	9.4		
14.20	0/21/2023	S	1			DI101-2		6)						X					- 1	3.0		
14:32	6/24/2025	5	1			BH01-4'		7							х						2.4		
15:03	6/24/2025	S	1			BH01-6'		8							х						LX		
15:14	6/24/2025	S	1			BH01-8'		9							х						1.6		
15:20	6/24/2025	S	1			BH01-9'		17	0						х						1.4		
				3000000		agiovengo@ensolum.co ensolum.com	m, chamilto	n@ens	olun	n.con	n, ies	trell	a@e	nsou	lm.c	om,	bsim	mon	s@er	nsolu	m.com,		
I, (field sam	oler), attest to the	validity and	authenticity	of this sampl	e. I am aware tha	t tampering with or intentionally r	mislabeling the s	ample loca	ation,	date o	r time	of col	lection	is con	sidere	d fraud	d and r	nay be	groun	ds for I	egal action.		
	ed by: (Signatur		Date 6/	25/25	Time 7-11	Received by (Signature)	ales 1	te 25-7	15	Time	กแ										st be received o temp above 0 b		
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	rix: S - Soil, Sd - Se							ntainer															
						arrangements are made. Hazar							osed	of at t	he cli	ent ex	pense	e. The	report	for th	ne analysis o	f the above	samples is

envirotech

envirotech Inc.

Printed: 6/27/2025 12:26:00PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Matador Resources, LLC.	Date Received:	06/27/25	07:00	Work Order ID:	E506247
Phone:	(972) 371-5200	Date Logged In:	06/26/25	13:49	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	07/02/25	17:00 (3 day TAT)		
Chain of	Custody (COC)					
	he sample ID match the COC?		Yes			
2. Does t	he number of samples per sampling site location ma	atch the COC	Yes			
3. Were s	samples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was th	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes			
5. Were a	all samples received within holding time?		Yes			
	Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss	•			Comment	ts/Resolution
Sample '	Furn Around Time (TAT)	1011.				
	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (
	sample cooler received?		Yes			
	was cooler received in good condition?		Yes			
•	ne sample(s) received intact, i.e., not broken?		Yes			
	custody/security seals present?					
	s, were custody/security seals intact?		No			
-	•		NA			
12. was ti	ne sample received on ice? Note: Thermal preservation is not required, if samples a	re received within	Yes			
	15 minutes of sampling	ic received within				
13. See C	COC for individual sample temps. Samples outside of	of 0°C-6°C will be	recorded	in comments.		
Sample (Container_					
	iqueous VOC samples present?		No			
15. Are V	OC samples collected in VOA Vials?		NA			
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA			
17. Was a	a trip blank (TB) included for VOC analyses?		NA			
18. Are r	non-VOC samples collected in the correct containers	s?	Yes			
19. Is the	appropriate volume/weight or number of sample conta	iners collected?	Yes			
Field La	<u>bel</u>					
20. Were	field sample labels filled out with the minimum inf	formation:				
	sample ID?		Yes			
	Date/Time Collected?		Yes			
	Collectors name?		Yes			
	Preservation the COC or field lebels indicate the second system of		N-			
	the COC or field labels indicate the samples were p	oreserveu?	No			
	ample(s) correctly preserved? filtration required and/or requested for dissolved m	atole?	NA No			
		ictais:	No			
	ase Sample Matrix					
	the sample have more than one phase, i.e., multipha		No			
27. If yes	s, does the COC specify which phase(s) is to be ana	lyzed?	NA			
	ract Laboratory					
	amples required to get sent to a subcontract laborate	-	No			
29. Was a	a subcontract laboratory specified by the client and	if so who?	NA	Subcontract Lab: NA		
Client I	<u>nstruction</u>					

Date

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

Page
115
of 212

Received by OCD: 12/3/2025 4:09:54 PM

				CM (013065		Chain of (Cust	ody															Page	1	of
	Clie	nt Inform	ation	Or (Invoice Info	ormation					La	b Us	e On	ly		10		TA	T				State	2	
	latador Prod				Co	mpany: Ensolum LL	.C		L	ab V	VO#			1 dol	Numi	oer		1D	2D	3D	Std	N	MIC	OUT	TX	
	anie Cornne			3	Ac	ddress: 3122 Nationa	al Parks Hwy				014	24-	7	23	003	· Oa	SZ				(X				
Project N	lanager: Ash	nley Giove	engo		Cit	ty, State, Zip: Carlsba	ad NM, 8822	0								-		57							-	
	3122 Nation				Ph	one: 575-988-0055	5				1.30			Ana	lysis	and	Met	nod					EPA	Progra	m	
	e, Zip: Carlsl		38220		Er	nail: agiovengo@e	nsolum.com															SDW	4	CWA	RC	RA
	75-988-0055				Mis	cellaneous:				100			1 1													
Email: ag	giovengo@ei	nsolum.co	om	-							015	015					100			1		Compli	10000	Υ	or	N
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Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID		Field	Lab Numb		DRO/ORO by 8015	GRO/DRO by 8015	втех ьу 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals					R	emarks		
10:41	6/24/2025	S	1			SS05A-0'			1							X						1.8				
11:40	6/24/2025	S	1			SS05A-1'			2							х						2.0)			
12:04	6/24/2025	S	1		1 2 1	SS06A-0'			3							Х						2.3	5			
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						agiovengo@ensolum	.com, chami	lton(@enso	lum	.com	, ies	trella	@er	rsoul	m.co	m, b	simr	nons	@ens	olu	m.com	,			
I, (field samp Sampled by:	oler), attest to the	e validity and	authenticity	of this sample	e. I am aware that	t tampering with or intention	nally mislabeling t	he sam	ple locat	tion, d	late or	time o	of colle	ection	is cons	idered	fraud	and m	ay be g	rounds	for le	egal actio	n.		711	1
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envirotech

Received by OCD: 12/3/2025 4:09:54 PM

Chain	of C	usto	dy
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Address:	3122 Nation	nal Parks	Hwy	Ph	one: 575-988-0055						Ana	lysis	and N	1etho	d			EP	A Progr	am	
	e, Zip: Carls		88220	Er	nail: agiovengo@ensolum.con	n												SDWA	CWA	RC	CRA
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Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID	Field	Lab Numbe	DRO/ORO	GRO/DRO by 8015	втех ьу	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RUKAS			Page 1	Remark	S	
14:19	6/24/2025	S	1		BH01-0'		5						х					2.6			
14:26	6/24/2025	S	1		BH01-2'		6						х					3.0			
14:32	6/24/2025	S	1		BH01-4'		7						х					2.4			
15:03	6/24/2025	5	1		BH01-6'		8						х					18			
15:14	6/24/2025	S	1		BH01-8'		9						х					1.6			
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Addition	al Instructio	ns: Plea	se CC: cb	urton@ensolum.com,	agiovengo@ensolum.com, chan	nilton	@ensolu	m.coi	m, ie	strella	a@ei	nsou	lm.co	n, bs	mmo	ns@er	nsolui	m.com,			
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I, (field sam	pler), attest to the	e validity and	dauthenticity	of this sample. I am aware tha	t tampering with or intentionally mislabeling	the san	nple locatio	n, date	or time	of coll	ection	is cons	sidered f	raud ar	d may b	e ground	ds for le	gal action.			
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Note: Sam	ples are discard	led 14 days	after result	s are reported unless other a	arrangements are made. Hazardous sam	ples wi	Il be retur	ned to	client o	or disp	osed o	of at the	he clien	t expe	nse. The	e report	for the	e analysis o	f the above	ve sam	ples 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.



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Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name: Janie Conner TB

Work Order: E506260

Job Number: 23003-0002

Received: 6/27/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 7/2/25

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

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

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

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

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

Date Reported: 7/2/25

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

Project Name: Janie Conner TB

Workorder: E506260

Date Received: 6/27/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/27/2025 7:00:00AM, under the Project Name: Janie Conner TB.

The analytical test results summarized in this report with the Project Name: Janie Conner 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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

Walter Hinchman

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QC - Nonhalogenated Organics by EPA 8015D - GRO	9
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Sample Summary

Γ	Matador Resources, LLC.	Project Name:	Janie Conner TB	D
١	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
l	Dallas TX, 75240	Project Manager:	Ashley Giovengo	07/02/25 12:51

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
BH01-11'	E506260-01A Soil	06/25/25	06/27/25	Glass Jar, 2 oz.
BH01-13'	E506260-02A Soil	06/25/25	06/27/25	Glass Jar, 2 oz.
BH02-0'	E506260-03A Soil	06/25/25	06/27/25	Glass Jar, 2 oz.



Matador Resources, LLC.	Project Name:	Janie Conner TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/2/2025 12:51:51PM

BH01-11'

E506260-01

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: BA		Batch: 2526143
Benzene	ND	0.0250	1	06/27/25	06/28/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/28/25	
Toluene	ND	0.0250	1	06/27/25	06/28/25	
o-Xylene	ND	0.0250	1	06/27/25	06/28/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/28/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/28/25	
Surrogate: 4-Bromochlorobenzene-PID		93.7 %	70-130	06/27/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	PA 8015D - GRO mg/kg mg/kg Analyst: BA			Batch: 2526143		
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.2 %	70-130	06/27/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: KH		Batch: 2527038
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25	
Surrogate: n-Nonane		102 %	61-141	06/30/25	07/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: JM		Batch: 2527044
Chloride	7200	200	10	07/01/25	07/01/25	

Matador Resources, LLC.	Project Name:	Janie Conner TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/2/2025 12:51:51PM

BH01-13' E506260-02

Notes Batch: 2526143
Batch: 2526143
Batch: 2526143
Batch: 2527038
Batch: 2527044
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Matador Resources, LLC.	Project Name:	Janie Conner TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/2/2025 12:51:51PM

BH02-0'

E506260-03

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2526143
Benzene	ND	0.0250	1	06/27/25	06/28/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/28/25	
Toluene	ND	0.0250	1	06/27/25	06/28/25	
o-Xylene	ND	0.0250	1	06/27/25	06/28/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/28/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/28/25	
Surrogate: 4-Bromochlorobenzene-PID		93.7 %	70-130	06/27/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2526143
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.2 %	70-130	06/27/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2527038
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25	
Surrogate: n-Nonane		101 %	61-141	06/30/25	07/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: JM		Batch: 2527044
Chloride	1610	40.0	2	07/01/25	07/02/25	



QC Summary Data

		•	
Matador Resources, LLC.	Project Name:	Janie Conner TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/2/2025 12:51:51PM

Dallas TX, 75240		Project Manager:		shley Giovengo	0			7	/2/2025 12:51:51PM
				y EPA 802					Analyst: BA
Analyte		Reporting	Spike			Rec		RPD	Tillaryst. D/1
Analyte	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2526143-BLK1)							Prepared: 0	6/27/25 Ana	alyzed: 06/28/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.45		8.00		93.1	70-130			
LCS (2526143-BS1)							Prepared: 0	6/27/25 Ana	alyzed: 06/28/25
Benzene	5.07	0.0250	5.00		101	70-130			
Ethylbenzene	4.99	0.0250	5.00		99.8	70-130			
Toluene	5.04	0.0250	5.00		101	70-130			
o-Xylene	5.02	0.0250	5.00		100	70-130			
o,m-Xylene	10.0	0.0500	10.0		100	70-130			
Total Xylenes	15.0	0.0250	15.0		100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.60		8.00		95.0	70-130			
Matrix Spike (2526143-MS1)				Source: 1	E506250-	01	Prepared: 0	6/27/25 Ana	alyzed: 06/28/25
Benzene	5.26	0.0250	5.00	ND	105	70-130			
Ethylbenzene	5.14	0.0250	5.00	ND	103	70-130			
Toluene	5.23	0.0250	5.00	ND	105	70-130			
o-Xylene	5.19	0.0250	5.00	ND	104	70-130			
p,m-Xylene	10.3	0.0500	10.0	ND	103	70-130			
Total Xylenes	15.5	0.0250	15.0	ND	103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.75		8.00		96.9	70-130			
Matrix Spike Dup (2526143-MSD1)				Source: 1	E506250-	01	Prepared: 0	6/27/25 Ana	alyzed: 06/28/25
Benzene	5.21	0.0250	5.00	ND	104	70-130	1.00	27	
Ethylbenzene	5.10	0.0250	5.00	ND	102	70-130	0.899	26	
Toluene	5.18	0.0250	5.00	ND	104	70-130	0.926	20	
o-Xylene	5.13	0.0250	5.00	ND	103	70-130	1.24	25	
p,m-Xylene	10.2	0.0500	10.0	ND	102	70-130	1.10	23	
Total Xylenes	15.3	0.0250	15.0	ND	102	70-130	1.15	26	
			0.00		0.6.0	70.100			



70-130

Surrogate: 4-Bromochlorobenzene-PID

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Matador Resources, LLC.Project Name:Janie Conner TBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo7/2/2025 12:51:51PM

Dallas TX, 75240		Project Manage	r: As	shley Giovens	go			7/	2/2025 12:51:51PM
	Nor	halogenated	Organics	by EPA 80	15D - G	RO			Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2526143-BLK1)							Prepared: 0	6/27/25 Ana	lyzed: 06/28/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.12		8.00		88.9	70-130			
LCS (2526143-BS2)							Prepared: 0	6/27/25 Ana	lyzed: 06/28/25
Gasoline Range Organics (C6-C10)	46.4	20.0	50.0		92.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.92		8.00		86.6	70-130			
Matrix Spike (2526143-MS2)		Source: E506250-01 Prepared: 0						6/27/25 Ana	lyzed: 06/28/25
Gasoline Range Organics (C6-C10)	46.3	20.0	50.0	ND	92.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.54		8.00		81.7	70-130			
Matrix Spike Dup (2526143-MSD2)					E506250-	01	Prepared: 0	6/27/25 Ana	lyzed: 06/28/25
Gasoline Range Organics (C6-C10)	40.7	20.0	50.0	ND	81.4	70-130	12.9	20	

8.00

6.66

83.3

70-130

QC Summary Data

Matador Resources, LLC.	Project Name:	Janie Conner TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	-
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/2/2025 12:51:51PM

Dallas 1A, /3240		Project Manage	r: As	sniey Gloveng	30				7/2/2023 12.31.31FW
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2527038-BLK1)							Prepared: 0	6/30/25 A	nalyzed: 07/01/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.6		50.0		95.1	61-141			
LCS (2527038-BS1)							Prepared: 0	6/30/25 A	nalyzed: 07/01/25
Diesel Range Organics (C10-C28)	236	25.0	250		94.3	66-144			
Surrogate: n-Nonane	50.3		50.0		101	61-141			
Matrix Spike (2527038-MS1)				Source:	E506262-	02	Prepared: 0	6/30/25 A	nalyzed: 07/01/25
Diesel Range Organics (C10-C28)	302	25.0	250	30.2	109	56-156			
Surrogate: n-Nonane	51.1		50.0		102	61-141			
Matrix Spike Dup (2527038-MSD1)				Source:	E506262-	02	Prepared: 0	6/30/25 A	nalyzed: 07/01/25
Diesel Range Organics (C10-C28)	291	25.0	250	30.2	104	56-156	3.69	20	
Surrogate: n-Nonane	51.9		50.0		104	61-141			
		25.0		30.2			3.69	20	

QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Project Number: Project Manager:	3				Reported: 7/2/2025 12:51:51PM						
Danas IA, 73240				shley Gioveng					7/2/2025 12.51.511 WI			
		Anions	by EPA 3	300.0/9056 <i>A</i>	\				Analyst: JM			
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit				
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes			
Blank (2527044-BLK1)							Prepared: 0	7/01/25 A	nalyzed: 07/01/25			
Chloride	ND	20.0										
LCS (2527044-BS1)							Prepared: 0	7/01/25 A	nalyzed: 07/01/25			
Chloride	251	20.0	250		100	90-110						
Matrix Spike (2527044-MS1)				Source:	E506258-	03	Prepared: 0	7/01/25 A	nalyzed: 07/01/25			
Chloride	1110	20.0	250	737	149	80-120			M4			
Matrix Spike Dup (2527044-MSD1)				Source:	E506258-	03	Prepared: 0	07/01/25 Analyzed: 07/01/25				
Chloride	1370	20.0	250	737	253	80-120	21.0	20	M4, R3			

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

Γ	Matador Resources, LLC.	Project Name:	Janie Conner TB	
l	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
l	Dallas TX, 75240	Project Manager:	Ashley Giovengo	07/02/25 12:51

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.

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

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

Matrix

S

S

S

No. of

Containers

1

1

1

Client: Matador Production Company

Project Manager: Ashley Giovengo

Address: 3122 National Parks Hwy

Email: agiovengo@ensolum.com

Date Sampled

6/25/2025

6/25/2025

6/25/2025

City, State, Zip: Carlsbad NM, 88220

Project: Janie Cornner TB

Phone: 575-988-0055

Sampled

9:31

9:55

12:12

Invoice Informat	ion		Lab Use Only					TAT		State					
Company: Ensolum LLC		_ Lab	WO#			Job I	Num	ber		1D 3	2D 3D	Std	NM	COUT	TX
Address: 3122 National Parl	ks Hwy	_ E.	WO#	76)	730	03.0	007	_			X	X		
City, State, Zip: Carlsbad NM	1, 88220														
Phone: 575-988-0055		_				Ana	lysis	and	Met	hod				A Progra	
Email: agiovengo@ensolui	m.com		1										SDWA	CWA	RCRA
liscellaneous:															
			015	015									Compliance	Y	or N
			py 8	by 8	121	09	0.00	Σ	¥	tals			PWSID#		
ation	L .		8	SRO BRO	λ 8C	y 82	de 3	N .	500	W W					
Sample ID	Field	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	ВТЕХ ЬУ 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Remarks	
BH01-11'								х					2.4		
BH01-13'		7						X					2.8		
BH02-0'		3						Х					30		

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

Miscellaneous:

Sample Information

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)	6/26/25	7. 1/	Received by: (Signature)	Date 6-26-25	6711	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.						
Relinquished by (Signature) Michelle Gonsales	Date 62625	Time 620	Received by: (Signature)	C.76.76	Time /620	Lab Use Only Received on ice: Y / N						
Relinquished by: (Signature)	6.26.28	7300	Received by (signature)	- Date 0:27:75	Time 700	<u>T1 </u>						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	AVG Temp °C						
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.



Received by OCD: 12/3/2025 4:09:54 PM

Printed: 6/27/2025 1:48:28PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Matador Resources, LLC.	Date Received:	06/27/25 07	7:00		Work Order ID:	E506260
Phone:	(972) 371-5200	Date Logged In:	06/26/25 15	5:34		Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:		7:00 (4 day TAT)		20 ,	
Chain of	Custody (COC)						
1. Does th	ne sample ID match the COC?		Yes				
2. Does th	ne number of samples per sampling site location ma	tch the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier:	Courier Courier		
4. Was the	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes				
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss		Yes			Comment	s/Resolution
Sample T	Curn Around Time (TAT)						
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C							
	sample cooler received?		Yes				
•	was cooler received in good condition?		Yes				
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes,	, were custody/security seals intact?		NA				
12. Was th	e sample received on ice? Note: Thermal preservation is not required, if samples a 15 minutes of sampling	re received within	Yes				
13. See C	OC for individual sample temps. Samples outside of	of 0°C-6°C will be	recorded in	comments.			
Sample C	Container_						
14. Are a	queous VOC samples present?		No				
15. Are V	OC samples collected in VOA Vials?		NA				
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA				
17. Was a	trip blank (TB) included for VOC analyses?		NA				
18. Are no	on-VOC samples collected in the correct containers	3?	Yes				
	appropriate volume/weight or number of sample conta		Yes				
Field Lab	pel						
	field sample labels filled out with the minimum infample ID?	ormation:	Yes				
	ate/Time Collected?		Yes				
	ollectors name?		Yes				
Sample P	<u>reservation</u>						
21. Does	the COC or field labels indicate the samples were p	reserved?	No				
22. Are sa	ample(s) correctly preserved?		NA				
24. Is lab	filtration required and/or requested for dissolved m	etals?	No				
Multipha	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multipha	ase?	No				
27. If yes,	, does the COC specify which phase(s) is to be anal	yzed?	NA				
Subcontr	act Laboratory						
	amples required to get sent to a subcontract laborate	orv?	No				
	subcontract laboratory specified by the client and	•		Subcontract La	b: NA		
	nstruction .						

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

Date

envirotech Inc.

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Received by OCD: 12/3/2025 4:09:54 PM

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	Clie	nt Inform	ation		MA		Invoice Information					La	b Us	e On	ly				TA	T			State						
	latador Prod						npany: Ensolum LLC			Lab	WO#	760	_		Num			1D	2D	3D S	Std	NM CO	UT TX						
	anie Cornne			IR	118		dress: 3122 National Parks Hw , State, Zip: Carlsbad NM, 882		_	E	exo	100)	(3	03.0	007	_			/2		[X]							
	lanager: Ash 3122 Nation			_		None and a second	ne: 575-988-0055	20	_					Ans	lucio	and	Mat	hod				EDA D	rogram						
	e, Zip: Carlsl					-		_	_			1		Alle	ilysis	anu	viet	liou					WA RCR	Δ					
The second second	75-988-005	A STREET, SQUARE, SQUA	30220				ail: agiovengo@ensolum.con ellaneous:	1													+	JUVA C	WA INCIN	<u> </u>					
	giovengo@ei		om.			IVIISC	enaneous.				r.	22				2		1.			t	Compliance	Y or	N					
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The state of the s				Samı	ole Infor	matio	n				(d O)	(O b)	802	8260	300	-NM	XT-20	Meta			1								
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID									Filter Filter Filter		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC	TCEQ 1005	RCRA 8 Metals				Ren	narks	
9:31	6/25/2025	S	1						1						х						2.4								
9:55	6/25/2025	S	1				7							X						28									
12:12	6/25/2025	S	1				BH02-0'		014	3						Х						30							
																						Correcte	d. Prop	ct					
																						name	Por C	lient					
																		7/1/25	- cm										
			L						13																				
Addition	al Instructio	ns: Plea	se CC: cb	ourton@er	solum.c	om, a	giovengo@ensolum.com, char	nilton	@en	solun	n.cor	n, ies	trell	a@e	nsou	lm.co	om, l	osimr	nons	@en	solui	m.com,							
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Secretary and second	ed by: (Signatur	A STORY AND	Date	2	Time	1	Received by: (Signature)	Date			Time		_			Sample	s requi	ring the	rmal pr	eservatio	on mus	t be received on ice t	the day they are						
Relinquished by: (Signature) Date 6/26/25 Time 7. Réceived by: (Signature)					6	-24	25	15	711				sample	d or re	ceived p	acked i	n ice at a	an avg t	temp above 0 but les	s than 6 °C on									
Relinquished by: (Signature) Date				Received by: (Signature)	Date	.2	6.20	Time	16	20			Rece	ived	Lab Use Only ved on ice: Y / N														
			deceived by (Signature) are	- Date	27	75	Time (OC			T1																		
Relinquished by: (Signature) Date Time Received by: (Signature)					Date			Time					AVG	Ten	np °C_														
Sample Ma	trix: S - Soil, Sd - S	solid, Sg - Slu	dge, A - Aqu	eous, O - Othe	r					er Type													Want						
Note: Sam	ples are discard	ied 14 days	after resul	ts are reporte	ed unless o	ther ar	rangements are made. Hazardous san	nples w	ill be i	returne	ed to d	lient o	or disp	osed	of at t	he clie	nt ex	pense.	The r	eport i	for th	e analysis of the	above sampl	es 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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name: Janie Conner TB

Work Order: E506293

Job Number: 23003-0002

Received: 7/1/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 7/8/25

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

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

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

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

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

Date Reported: 7/8/25

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

Project Name: Janie Conner TB

Workorder: E506293

Date Received: 7/1/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/1/2025 8:00:00AM, under the Project Name: Janie Conner TB.

The analytical test results summarized in this report with the Project Name: Janie Conner 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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Matador Resources, LLC.	Project Name:	Janie Conner TB	Donoutoda
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	07/08/25 15:38

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH02-2'	E506293-01A	Soil	06/27/25	07/01/25	Glass Jar, 2 oz.
BH02-4'	E506293-02A	Soil	06/27/25	07/01/25	Glass Jar, 2 oz.
BH02-6'	E506293-03A	Soil	06/27/25	07/01/25	Glass Jar, 2 oz.
BH02-8'	E506293-04A	Soil	06/27/25	07/01/25	Glass Jar, 2 oz.
BH02-10'	E506293-05A	Soil	06/27/25	07/01/25	Glass Jar, 2 oz.
BH02-11'	E506293-06A	Soil	06/27/25	07/01/25	Glass Jar, 2 oz.
BH02-12'	E506293-07A	Soil	06/27/25	07/01/25	Glass Jar, 2 oz.
BH03-0'	E506293-08A	Soil	06/27/25	07/01/25	Glass Jar, 2 oz.
BH03-2'	E506293-09A	Soil	06/27/25	07/01/25	Glass Jar, 2 oz.
BH03-3'	E506293-10A	Soil	06/27/25	07/01/25	Glass Jar, 2 oz.
BH03-5'	E506293-11A	Soil	06/27/25	07/01/25	Glass Jar, 2 oz.



Matador Resources, LLC.	Project Name:	Janie Conner TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/8/2025 3:38:17PM

BH02-2' E506293-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2527052
Benzene	ND	0.0250	1	07/01/25	07/03/25	_
Ethylbenzene	ND	0.0250	1	07/01/25	07/03/25	
Toluene	ND	0.0250	1	07/01/25	07/03/25	
o-Xylene	ND	0.0250	1	07/01/25	07/03/25	
p,m-Xylene	ND	0.0500	1	07/01/25	07/03/25	
Total Xylenes	ND	0.0250	1	07/01/25	07/03/25	
Surrogate: 4-Bromochlorobenzene-PID		89.9 %	70-130	07/01/25	07/03/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2527052
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/01/25	07/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.9 %	70-130	07/01/25	07/03/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: HM		Batch: 2527071
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
Surrogate: n-Nonane		110 %	61-141	07/02/25	07/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: IY		Batch: 2528001
Chloride	1770	200	10	07/06/25	07/07/25	

Matador Resources, LLC.	Project Name:	Janie Conner TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/8/2025 3:38:17PM

BH02-4'

E506293-02

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2527052
Benzene	ND	0.0250	1	07/01/25	07/03/25	
Ethylbenzene	ND	0.0250	1	07/01/25	07/03/25	
Toluene	ND	0.0250	1	07/01/25	07/03/25	
o-Xylene	ND	0.0250	1	07/01/25	07/03/25	
p,m-Xylene	ND	0.0500	1	07/01/25	07/03/25	
Total Xylenes	ND	0.0250	1	07/01/25	07/03/25	
Surrogate: 4-Bromochlorobenzene-PID		90.2 %	70-130	07/01/25	07/03/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2527052
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/01/25	07/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.8 %	70-130	07/01/25	07/03/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: HM		Batch: 2527071
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
Surrogate: n-Nonane		113 %	61-141	07/02/25	07/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2528001
Chloride	2070	100	5	07/06/25	07/07/25	



Matador Resources, LLC.	Project Name:	Janie Conner TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/8/2025 3:38:17PM

BH02-6'

E506293-03

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: SL		Batch: 2527052
Benzene	ND	0.0250	1	07/01/25	07/03/25	
Ethylbenzene	ND	0.0250	1	07/01/25	07/03/25	
Toluene	ND	0.0250	1	07/01/25	07/03/25	
o-Xylene	ND	0.0250	1	07/01/25	07/03/25	
p,m-Xylene	ND	0.0500	1	07/01/25	07/03/25	
Total Xylenes	ND	0.0250	1	07/01/25	07/03/25	
Surrogate: 4-Bromochlorobenzene-PID		90.7 %	70-130	07/01/25	07/03/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2527052
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/01/25	07/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.9 %	70-130	07/01/25	07/03/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: HM		Batch: 2527071
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
Surrogate: n-Nonane		110 %	61-141	07/02/25	07/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: IY		Batch: 2528001
Amons by ETA 300:0/7030A						



Matador Resources, LLC.	Project Name:	Janie Conner TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/8/2025 3:38:17PM

BH02-8'

E506293-04						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2527052
Benzene	ND	0.0250	1	07/01/25	07/03/25	
Ethylbenzene	ND	0.0250	1	07/01/25	07/03/25	
Toluene	ND	0.0250	1	07/01/25	07/03/25	
o-Xylene	ND	0.0250	1	07/01/25	07/03/25	
p,m-Xylene	ND	0.0500	1	07/01/25	07/03/25	
Total Xylenes	ND	0.0250	1	07/01/25	07/03/25	
Surrogate: 4-Bromochlorobenzene-PID		92.0 %	70-130	07/01/25	07/03/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2527052
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/01/25	07/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.5 %	70-130	07/01/25	07/03/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: HM		Batch: 2527071
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
Surrogate: n-Nonane		101 %	61-141	07/02/25	07/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: IY		Batch: 2528001
Chloride	2070	200	10	07/06/25	07/07/25	



Matador Resources, LLC.	Project Name:	Janie Conner TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/8/2025 3:38:17PM

BH02-10'

		E506293-05				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	nalyst: SL		Batch: 2527052
Benzene	ND	0.0250	1	07/01/25	07/03/25	
Ethylbenzene	ND	0.0250	1	07/01/25	07/03/25	
Toluene	ND	0.0250	1	07/01/25	07/03/25	
o-Xylene	ND	0.0250	1	07/01/25	07/03/25	
p,m-Xylene	ND	0.0500	1	07/01/25	07/03/25	
Total Xylenes	ND	0.0250	1	07/01/25	07/03/25	
Surrogate: 4-Bromochlorobenzene-PID		90.4 %	70-130	07/01/25	07/03/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	nalyst: SL		Batch: 2527052
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/01/25	07/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.1 %	70-130	07/01/25	07/03/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: HM		Batch: 2527071
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
Surrogate: n-Nonane		111 %	61-141	07/02/25	07/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2528001
Chloride	1260	100	5	07/06/25	07/07/25	



Chloride

Sample Data

Matador Resources, LLC.	Project Name:	Janie Conner TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/8/2025 3:38:17PM

BH02-11'

E506293-06							
Reporting Analyte Result Limit Dilution Prepared Analyzed							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2527052	
Benzene	ND	0.0250	1	07/01/25	07/03/25		
Ethylbenzene	ND	0.0250	1	07/01/25	07/03/25		
Toluene	ND	0.0250	1	07/01/25	07/03/25		
o-Xylene	ND	0.0250	1	07/01/25	07/03/25		
p,m-Xylene	ND	0.0500	1	07/01/25	07/03/25		
Total Xylenes	ND	0.0250	1	07/01/25	07/03/25		
Surrogate: 4-Bromochlorobenzene-PID		92.4 %	70-130	07/01/25	07/03/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2527052	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/01/25	07/03/25		
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.5 %	70-130	07/01/25	07/03/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: HM		Batch: 2527071	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25		
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25		
Surrogate: n-Nonane		106 %	61-141	07/02/25	07/03/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2528001	

40.0

1120

2

07/06/25

07/07/25



Matador Resources, LLC.	Project Name:	Janie Conner TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/8/2025 3:38:17PM

BH02-12'

		E506293-07				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2527052
Benzene	ND	0.0250	1	07/01/25	07/03/25	
Ethylbenzene	ND	0.0250	1	07/01/25	07/03/25	
Toluene	ND	0.0250	1	07/01/25	07/03/25	
o-Xylene	ND	0.0250	1	07/01/25	07/03/25	
p,m-Xylene	ND	0.0500	1	07/01/25	07/03/25	
Total Xylenes	ND	0.0250	1	07/01/25	07/03/25	
Surrogate: 4-Bromochlorobenzene-PID		92.3 %	70-130	07/01/25	07/03/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2527052
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/01/25	07/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.1 %	70-130	07/01/25	07/03/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: HM		Batch: 2527071
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
Surrogate: n-Nonane		108 %	61-141	07/02/25	07/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2528001
Chloride	1160	20.0	1	07/06/25	07/07/25	



Matador Resources, LLC.	Project Name:	Janie Conner TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/8/2025 3:38:17PM

BH03-0'

E506293-08

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2527052
Benzene	ND	0.0250	1	07/01/25	07/03/25	
Ethylbenzene	ND	0.0250	1	07/01/25	07/03/25	
Toluene	ND	0.0250	1	07/01/25	07/03/25	
o-Xylene	ND	0.0250	1	07/01/25	07/03/25	
p,m-Xylene	ND	0.0500	1	07/01/25	07/03/25	
Total Xylenes	ND	0.0250	1	07/01/25	07/03/25	
Surrogate: 4-Bromochlorobenzene-PID		90.8 %	70-130	07/01/25	07/03/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2527052
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/01/25	07/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.9 %	70-130	07/01/25	07/03/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: HM		Batch: 2527071
Diesel Range Organics (C10-C28)	56.0	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	79.4	50.0	1	07/02/25	07/03/25	
Surrogate: n-Nonane		112 %	61-141	07/02/25	07/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2528001
Chloride	6760	200	10	07/06/25	07/07/25	



Matador Resources, LLC.	Project Name:	Janie Conner TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/8/2025 3:38:17PM

BH03-2'

E506293-09

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2527052
Benzene	ND	0.0250	1	07/01/25	07/03/25	
Ethylbenzene	ND	0.0250	1	07/01/25	07/03/25	
Toluene	ND	0.0250	1	07/01/25	07/03/25	
o-Xylene	ND	0.0250	1	07/01/25	07/03/25	
p,m-Xylene	ND	0.0500	1	07/01/25	07/03/25	
Total Xylenes	ND	0.0250	1	07/01/25	07/03/25	
Surrogate: 4-Bromochlorobenzene-PID		91.1 %	70-130	07/01/25	07/03/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2527052
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/01/25	07/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.6 %	70-130	07/01/25	07/03/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: HM		Batch: 2527071
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
Surrogate: n-Nonane		109 %	61-141	07/02/25	07/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2528001
· · · · · · · · · · · · · · · · · · ·	2500	100	5	07/06/25	07/07/25	



Matador Resources, LLC.	Project Name:	Janie Conner TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/8/2025 3:38:17PM

BH03-3'

E506293-10

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2527052
Benzene	ND	0.0250	1	07/01/25	07/03/25	
Ethylbenzene	ND	0.0250	1	07/01/25	07/03/25	
Toluene	ND	0.0250	1	07/01/25	07/03/25	
o-Xylene	ND	0.0250	1	07/01/25	07/03/25	
p,m-Xylene	ND	0.0500	1	07/01/25	07/03/25	
Total Xylenes	ND	0.0250	1	07/01/25	07/03/25	
Surrogate: 4-Bromochlorobenzene-PID		89.1 %	70-130	07/01/25	07/03/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2527052
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/01/25	07/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.1 %	70-130	07/01/25	07/03/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: HM		Batch: 2528006
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/07/25	
Surrogate: n-Nonane		95.5 %	61-141	07/02/25	07/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2528001
Chloride	872	40.0	2	07/06/25	07/07/25	



Matador Resources, LLC.	Project Name:	Janie Conner TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/8/2025 3:38:17PM

BH03-5'

E506293-11

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2527052
Benzene	ND	0.0250	1	07/01/25	07/03/25	
Ethylbenzene	ND	0.0250	1	07/01/25	07/03/25	
Toluene	ND	0.0250	1	07/01/25	07/03/25	
o-Xylene	ND	0.0250	1	07/01/25	07/03/25	
p,m-Xylene	ND	0.0500	1	07/01/25	07/03/25	
Total Xylenes	ND	0.0250	1	07/01/25	07/03/25	
Surrogate: 4-Bromochlorobenzene-PID		89.0 %	70-130	07/01/25	07/03/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2527052
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/01/25	07/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.7 %	70-130	07/01/25	07/03/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: HM		Batch: 2527071
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
Surrogate: n-Nonane		108 %	61-141	07/02/25	07/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2528001
			10	07/06/25	07/07/25	



Matador Resources, LLC. Janie Conner TB Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 Dallas TX, 75240 Project Manager: Ashley Giovengo 7/8/2025 3:38:17PM **Volatile Organics by EPA 8021B** Analyst: SL RPD Reporting Spike Source Rec Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2527052-BLK1) Prepared: 07/01/25 Analyzed: 07/02/25 ND 0.0250 ND Ethylbenzene 0.0250 ND Toluene 0.0250 ND 0.0250 o-Xylene ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.24 8.00 90.5 70-130 LCS (2527052-BS1) Prepared: 07/01/25 Analyzed: 07/02/25 5.65 5.00 113 70-130 0.0250 Benzene Ethylbenzene 5.55 0.0250 5.00 111 70-130 112 70-130 Toluene 5.61 0.0250 5.00 5.50 110 70-130 o-Xylene 0.0250 5.00 11.2 0.0500 10.0 112 70-130 p,m-Xylene 111 70-130 16.7 0.0250 15.0 Total Xylenes 70-130 8.00 90.6 Surrogate: 4-Bromochlorobenzene-PID 7.25

Matrix Spike (2527052-MS1)			Source:	E506289-	25	Prepared: 07/01/25 Analyzed: 07/02/25	
Benzene	5.67	0.0250	5.00	ND	113	70-130	
Ethylbenzene	5.54	0.0250	5.00	ND	111	70-130	
Toluene	5.63	0.0250	5.00	ND	113	70-130	
o-Xylene	5.51	0.0250	5.00	ND	110	70-130	
p,m-Xylene	11.2	0.0500	10.0	ND	112	70-130	
Total Xylenes	16.7	0.0250	15.0	ND	111	70-130	
Surrogate: 4-Bromochlorobenzene-PID	7.09		8.00		88.7	70-130	

Matrix Spike Dup (2527052-MSD1)				Source:	E506289-	25	Prepared: 0'	7/01/25 Ana	lyzed: 07/03/25
Benzene	5.36	0.0250	5.00	ND	107	70-130	5.60	27	
Ethylbenzene	5.23	0.0250	5.00	ND	105	70-130	5.72	26	
Toluene	5.31	0.0250	5.00	ND	106	70-130	5.76	20	
o-Xylene	5.17	0.0250	5.00	ND	103	70-130	6.46	25	
p,m-Xylene	10.6	0.0500	10.0	ND	106	70-130	5.57	23	
Total Xylenes	15.7	0.0250	15.0	ND	105	70-130	5.86	26	
Surrogate: 4-Bromochlorobenzene-PID	6.98		8.00		87.3	70-130			

Janie Conner TB Matador Resources, LLC. Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 Dallas TX, 75240 Project Manager: Ashley Giovengo 7/8/2025 3:38:17PM

Non	halogenated (Organics l	by EPA 801	15D - G1	RO			Analyst: SL
Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2527052-BLK1)							Prepared: 0	7/01/25 Aı	nalyzed: 07/02/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.5	70-130			
LCS (2527052-BS2)							Prepared: 0	7/01/25 Aı	nalyzed: 07/02/25
Gasoline Range Organics (C6-C10)	39.6	20.0	50.0		79.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.7	70-130			
Matrix Spike (2527052-MS2)				Source:	E506289-2	25	Prepared: 0	7/01/25 Aı	nalyzed: 07/03/25
Gasoline Range Organics (C6-C10)	43.2	20.0	50.0	ND	86.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.82		8.00		97.8	70-130			
Matrix Spike Dup (2527052-MSD2)				Source:	E506289-2	25	Prepared: 0	7/01/25 Aı	nalyzed: 07/03/25
Gasoline Range Organics (C6-C10)	44.8	20.0	50.0	ND	89.6	70-130	3.59	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.83		8.00		97.9	70-130			

Matador Resources, LLC.Project Name:Janie Conner TBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo7/8/2025 3:38:17PM

, , , ,		, ,		, .	2				
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: HM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2527071-BLK1)							Prepared: 0	7/02/25 Ana	alyzed: 07/03/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.3		50.0		115	61-141			
LCS (2527071-BS1)							Prepared: 0	7/02/25 Ana	alyzed: 07/03/25
Diesel Range Organics (C10-C28)	271	25.0	250		108	66-144			
Surrogate: n-Nonane	52.5		50.0		105	61-141			
Matrix Spike (2527071-MS1)				Source:	E507001-	02	Prepared: 0	7/02/25 Ana	alyzed: 07/03/25
Diesel Range Organics (C10-C28)	279	25.0	250	ND	112	56-156			
Surrogate: n-Nonane	53.7		50.0		107	61-141			
Matrix Spike Dup (2527071-MSD1)				Source:	E507001-	02	Prepared: 0	7/02/25 Ana	alyzed: 07/03/25
Diesel Range Organics (C10-C28)	274	25.0	250	ND	110	56-156	1.76	20	
Surrogate: n-Nonane	52.8		50.0		106	61-141			



Matador Resources, LLC.Project Name:Janie Conner TBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo7/8/2025 3:38:17PM

Bullus 171, 732 10		1 Toject Wanage	710	mey Greveng					
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2528006-BLK1)							Prepared: 0	7/07/25 A	analyzed: 07/07/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.5		50.0		91.0	61-141			
LCS (2528006-BS1)							Prepared: 0	7/07/25 A	analyzed: 07/08/25
Diesel Range Organics (C10-C28)	234	25.0	250		93.8	66-144			
Surrogate: n-Nonane	45.1		50.0		90.3	61-141			
Matrix Spike (2528006-MS1)				Source:	E507038-0	02	Prepared: 0	7/07/25 A	analyzed: 07/08/25
Diesel Range Organics (C10-C28)	244	25.0	250	ND	97.5	56-156			
Surrogate: n-Nonane	46.5		50.0		92.9	61-141			
Matrix Spike Dup (2528006-MSD1)				Source:	E507038-0	02	Prepared: 0	7/07/25 A	analyzed: 07/08/25
Diesel Range Organics (C10-C28)	243	25.0	250	ND	97.1	56-156	0.441	20	
Surrogate: n-Nonane	45.4		50.0		90.8	61-141			



Chloride

QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500		Project Name: Project Number:		anie Conner TB 3003-0002	3				Reported:
Dallas TX, 75240		Project Manager	:: A	shley Gioveng	0				7/8/2025 3:38:17PM
		Anions	by EPA	300.0/9056A					Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2528001-BLK1)							Prepared: 0	7/06/25 A	analyzed: 07/07/25
Chloride	ND	20.0							
LCS (2528001-BS1)							Prepared: 0	7/06/25 A	nalyzed: 07/07/25
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2528001-MS1)				Source: 1	E506293-	04	Prepared: 0	7/06/25 A	nalyzed: 07/07/25
Chloride	2380	200	250	2070	125	80-120			M4
Matrix Spike Dup (2528001-MSD1)				Source: 1	E506293-	04	Prepared: 0	7/06/25 A	nalyzed: 07/07/25

250

200

2070

43.9

80-120

8.86

2180

QC Summary Report Comment:

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



Definitions and Notes

Matador Resources, LLC.	Project Name:	Janie Conner TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	07/08/25 15:38

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 Custou	nain of Custoo	V
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	Clie	nt Inform	nation			Invoice Information					La	b Us	e Or	nly				T	AT				Stat	e
Client: N	Natador Proc	luction Co	ompany		Co	mpany: Ensolum LLC		i i	ah I	WO#				Num	her		1D	I 2D	30	Std	1	IMI	COUT	TxI
	lanie Conner		Simpung			ddress: 3122 National Parks Hy	ΝV	_	FF	MA	29	2	12	203	a	5	10	120	30	X		X	-	11/4
	Manager: Asl		engo			ty, State, Zip: Carlsbad NM, 88				00	2-1	_	· ·	100			-	-	-	, , ,	L	-		
	3122 Nation					one: 575-988-0055	220	- 1	Г	_		-	Δn	alysis	and	Met	hod	_			_	FP	A Progr	am
	e, Zip: Carls					nail: agiovengo@ensolum.co	m		1				1	I	I	IVICE	I	1		\vdash	SDV	$\overline{}$	CWA	RCRA
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Email: a	giovengowe	nsolum.c	OIII							801	8015			0.		J	s				Comp	-	e	or N
				Sam	ole Informati	on				3O by	tO by	802	8260	3300	N.	T-50	Meta							
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Field	Lab Numb	ber	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals						Remarks	
8:45	6/27/2025	S	1			BH02-2'		1							Х						0.9	7		
8:53	6/27/2025	S	1			BH02-4'		2							х						2.4			
9:55	6/27/2025	S	1			BH02-6'		3							х						2.4			
10:08	6/27/2025	S	1			BH02-8'		4							х						1.0	,		
10:59	6/27/2025	S	1			BH02-10'		5)						х						1.7			
11:09	6/27/2025	S	1			BH02-11'		6							х						3.3	q.		
11:17	6/27/2025	S	1			BH02-12'		7							х					3.0	Only rus		if BH02-11' is TPH and 600 C	greater than 100
12:46	6/27/2025	S	1			BH03-0'		8							х						3.1			
12:57	6/27/2025	S	1			BH03-2'		9		r					х						4.1			
13:01	6/27/2025	S	1			BH03-3'		10)						х						2.2			
Addition	al Instructio	ns: Plea	se CC: cb	urton@en	solum.com,	agiovengo@ensolum.com, cha	milton	@enso	lum	.con	n, ies	trell	a@e	nsou	lm.c	om,	bsim	mon	s@ei	nsolu	Contract of the Contract of th			
igonzale	z@ensolum.	com. bm	oir@enso	lum.com.	oaderinto@e	ensolum.com																		
						t tampering with or intentionally mislabeli	ng the sar	mple locat	tion,	date o	r time	of col	lection	is con	sidere	d fraud	d and r	may be	groun	ds for l	egal act	ion.		
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Relinguish	ed by (Signatur	re) /	Date	-/	Time	Received by (Signature)	Date			Time					cubce	nuent d	21/15		Li	ab Us	e Onl	У		
	nelle Go			30-25	1645	Salam H.		30.7	25		70	0			Rec	eived	on i	ice:	Y)/ N				
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						e liability of the laboratory is limited t							JJCU	J. at t			Period	e. the	, sport	. 101 (1)	ic dilui	, 5,5 01	and abov	c sumples is

to or disposed of at the client expense. The report for the analysis of the above samples is report.

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	Clie	nt Inform	nation			Invoice Informa	tion				La	b Us	e On	ly				TAT		Stat	e
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	/lanager: Ash		engo			City, State, Zip: Carlsbad NN															
	3122 Nation					Phone: 575-988-0055			\equiv				Ana	lysis	and	Met	hod		E	PA Progra	am
City, Stat	e, Zip: Carlsl	oad NM,	88220			Email: agiovengo@ensolum.com													SDWA	CWA	RCRA
hone:	575-988-005	5				Miscellaneous:							1/2								200
mail: a	giovengo@e	nsolum.c	om							015	015		- 7		- 1	741			Complian	ice Y	or N
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Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	9	Filter	Lab Numbe	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals			Remarks	e Z o
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Addition	al Instructio	ne: Plas	se CC: chi	ırton@ei	nsolum con	n, agiovengo@ensolum.com	chamilt	006	Densolu	m cor	n ies	troll	2000	nsou	m cc	nm h	simn	ons@ensol	um com		
				habitation and a		@ensolum.com	i, chainic	one	Chisola		11, 103	ci ciii	ue c.	isou		,,,,	,,,,,,,,,	ions@cnson	um.com,		
, (field sam	pler), attest to the	e validity and	authenticity	of this samp	le. I am aware	that tampering with or intentionally m	islabeling the	samp	ple locatio	n, date o	or time	of coll	ection	is cons	idered	l fraud	and ma	y be grounds for	legal action.		
Sampled by		_																			
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	trix: S - Soil, Sd - S	olid Sa - Slu	dan A - Anua	ous O Oth			- 7	ont	ainer Tur	10' a -	alacc	n - no	alv/nl					, v - VOA			

envirotech

Printed: 7/1/2025 9:50:44AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Phone: (972) 371-5200 Date Logged In: 06/30/25 15:26 Logged In By: Caitlin Mars Email: agiovengo@ensolum.com Due Date: 07/08/25 17:00 (4 day TAT)	
Chain of Custody (COC)	
1. Does the sample ID match the COC? 2. Does the number of samples per sampling site location match the COC Yes Yes	
3. Were samples dropped off by client or carrier? Yes Carrier: Courier 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes	
5. Were all samples received within holding time? Yes	
Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion. Comments/Resolution	
Sample Turn Around Time (TAT) 6. Did the COC indicate standard TAT, or Expedited TAT? Yes Client remarks- on Sample #7 only run	
Sample Cooler BGDOC if BH02-11 is greater than 10	l
7. Was a sample cooler received? Yes TPH and 600 CL.	
8. If yes, was cooler received in good condition? Yes	
9. Was the sample(s) received intact, i.e., not broken?	
10. Were custody/security seals present?	
11.70	
12. Was the sample received on ice? 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. An agree y VOC agreement of the control of t	
14. Are aqueous VOC samples present? No 15. Are VOC samples collected in VOA Vials? NA	
15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? NA	
18. Are non-VOC samples collected in the correct containers? Yes 19. Is the convenient volume/(voicht or number of sample containers collected? 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?	
22. Are sample(s) correctly preserved?	
24. Is lab filtration required and/or requested for dissolved metals?	
Multiphase Sample Matrix	
26. Does the sample have more than one phase, i.e., multiphase?	
27. If yes, does the COC specify which phase(s) is to be analyzed?	
Subcontract Laboratory	
28. Are samples required to get sent to a subcontract laboratory?	
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA	
Client Instruction	

Date

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name: Janie Conner TB

Work Order: E507077

Job Number: 23003-0002

Received: 7/9/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 7/15/25

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

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

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

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

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

Date Reported: 7/15/25

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

Project Name: Janie Conner TB

Workorder: E507077

Date Received: 7/9/2025 8:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/9/2025 8:30:00AM, under the Project Name: Janie Conner TB.

The analytical test results summarized in this report with the Project Name: Janie Conner 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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

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Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative Office: 505-421-LABS(5227)

311ice: 303 121 E11B5(322

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Matador Resources, LLC.	Project Name:	Janie Conner TB	Donoutoda
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	07/15/25 13:10

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
BH01-14'	E507077-01A Soil	07/07/25	07/09/25	Glass Jar, 2 oz.
BH01-15'	E507077-02A Soil	07/07/25	07/09/25	Glass Jar, 2 oz.
BH01-16'	E507077-03A Soil	07/07/25	07/09/25	Glass Jar, 2 oz.
BH01-17'	E507077-04A Soil	07/07/25	07/09/25	Glass Jar, 2 oz.



Matador Resources, LLC.	Project Name:	Janie Conner TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/15/2025 1:10:59PM

BH01-14' E507077-01

		2007077 01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2528109
Benzene	ND	0.0250	1	07/09/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/09/25	07/11/25	
Toluene	ND	0.0250	1	07/09/25	07/11/25	
o-Xylene	ND	0.0250	1	07/09/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/09/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/09/25	07/11/25	
Surrogate: 4-Bromochlorobenzene-PID		83.5 %	70-130	07/09/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2528109
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/25	07/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.8 %	70-130	07/09/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2528180
Diesel Range Organics (C10-C28)	ND	25.0	1	07/11/25	07/13/25	
Oil Range Organics (C28-C36)	57.3	50.0	1	07/11/25	07/13/25	
Surrogate: n-Nonane		102 %	61-141	07/11/25	07/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2528141
Chloride	1870	200	10	07/09/25	07/12/25	



Sample Data

Matador Resources, LLC.	Project Name:	Janie Conner TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/15/2025 1:10:59PM

BH01-15'

		E507077-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	Analyst: SL		Batch: 2528109
Benzene	ND	0.0250	1	07/09/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/09/25	07/11/25	
Toluene	ND	0.0250	1	07/09/25	07/11/25	
o-Xylene	ND	0.0250	1	07/09/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/09/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/09/25	07/11/25	
Surrogate: 4-Bromochlorobenzene-PID		83.6 %	70-130	07/09/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2528109
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/25	07/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.3 %	70-130	07/09/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2528180
Diesel Range Organics (C10-C28)	ND	25.0	1	07/11/25	07/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/11/25	07/13/25	
Surrogate: n-Nonane		101 %	61-141	07/11/25	07/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2528141
Chloride	1360	40.0	2	07/09/25	07/12/25	



Matador Resources, LLC.	Project Name:	Janie Conner TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/15/2025 1:10:59PM

BH01-16'

		E507077-03				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	An	alyst: SL		Batch: 2528109
Benzene	ND	0.0250	1	07/09/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/09/25	07/11/25	
Toluene	ND	0.0250	1	07/09/25	07/11/25	
o-Xylene	ND	0.0250	1	07/09/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/09/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/09/25	07/11/25	
Surrogate: 4-Bromochlorobenzene-PID		83.5 %	70-130	07/09/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	Analyst: SL		Batch: 2528109
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/25	07/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.5 %	70-130	07/09/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2528180
Diesel Range Organics (C10-C28)	ND	25.0	1	07/11/25	07/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/11/25	07/13/25	
Surrogate: n-Nonane		102 %	61-141	07/11/25	07/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2528141
Chloride	1560	40.0	2	07/09/25	07/12/25	



Matador Resources, LLC.	Project Name:	Janie Conner TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/15/2025 1:10:59PM

BH01-17'

E507077-04												
		Reporting										
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes						
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2528109						
Benzene	ND	0.0250	1	07/09/25	07/11/25							
Ethylbenzene	ND	0.0250	1	07/09/25	07/11/25							
Toluene	ND	0.0250	1	07/09/25	07/11/25							
o-Xylene	ND	0.0250	1	07/09/25	07/11/25							
p,m-Xylene	ND	0.0500	1	07/09/25	07/11/25							
Total Xylenes	ND	0.0250	1	07/09/25	07/11/25							
Surrogate: 4-Bromochlorobenzene-PID		83.1 %	70-130	07/09/25	07/11/25							
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	Analyst: SL		Batch: 2528109						
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/25	07/11/25							
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.7 %	70-130	07/09/25	07/11/25							
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2528180						
Diesel Range Organics (C10-C28)	ND	25.0	1	07/11/25	07/13/25							
Oil Range Organics (C28-C36)	ND	50.0	1	07/11/25	07/13/25							
Surrogate: n-Nonane		101 %	61-141	07/11/25	07/13/25							
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2528141						
Chloride	1720	40.0	2	07/09/25	07/12/25							



		•	
Matador Resources, LLC.	Project Name:	Janie Conner TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	·
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/15/2025 1:10:59PM
	Volatila Orga	nice by FDA 2021D	

Dallas TX, 75240		Project Manager:	Δ.	shley Giovengo					7/15/2025 1:10:59PM
Danas IX, 75240		Troject Manager.	. As	sincy Glovelige	,				771372023 1.10.33114
		Volatile O	rganics b	oy EPA 8021	1B				Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2528109-BLK1)							Prepared: 0	7/09/25 A	nalyzed: 07/09/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.71		8.00		83.8	70-130			
LCS (2528109-BS1)							Prepared: 0	7/09/25 A	analyzed: 07/09/25
Benzene	4.71	0.0250	5.00		94.3	70-130			
Ethylbenzene	4.63	0.0250	5.00		92.6	70-130			
Toluene	4.69	0.0250	5.00		93.8	70-130			
o-Xylene	4.60	0.0250	5.00		92.0	70-130			
p,m-Xylene	9.38	0.0500	10.0		93.8	70-130			
Total Xylenes	14.0	0.0250	15.0		93.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.76		8.00		84.5	70-130			
Matrix Spike (2528109-MS1)				Source: F	E 507075- 0)2	Prepared: 0	7/09/25 A	analyzed: 07/09/25
Benzene	4.32	0.0250	5.00	ND	86.4	70-130			
Ethylbenzene	4.23	0.0250	5.00	ND	84.7	70-130			
Toluene	4.29	0.0250	5.00	ND	85.8	70-130			
o-Xylene	4.19	0.0250	5.00	ND	83.8	70-130			
p,m-Xylene	8.58	0.0500	10.0	ND	85.8	70-130			
Total Xylenes	12.8	0.0250	15.0	ND	85.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.95		8.00		86.9	70-130			
Matrix Spike Dup (2528109-MSD1)				Source: F	E 507075- 0)2	Prepared: 0	7/09/25 A	nalyzed: 07/09/25
Benzene	4.11	0.0250	5.00	ND	82.3	70-130	4.90	27	
Ethylbenzene	4.01	0.0250	5.00	ND	80.1	70-130	5.50	26	
Toluene	4.07	0.0250	5.00	ND	81.3	70-130	5.40	20	
o-Xylene	3.95	0.0250	5.00	ND	79.0	70-130	5.93	25	
p,m-Xylene	8.09	0.0500	10.0	ND	80.9	70-130	5.78	23	
Total Xylenes	12.0	0.0250	15.0	ND	80.3	70-130	5.83	26	
Surrogate: 4-Bromochlorobenzene-PID	7.03		8.00		87.9	70-130			



Gasoline Range Organics (C6-C10)

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Matador Resources, LLC.Project Name:Janie Conner TBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo7/15/20251:10:59PM

	Non	halogenated	Organics l	by EPA 801	15D - GI	RO			Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2528109-BLK1)							Prepared: 0	7/09/25 Anal	yzed: 07/09/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.50		8.00		93.8	70-130			
LCS (2528109-BS2)							Prepared: 0	7/09/25 Anal	yzed: 07/09/25
Gasoline Range Organics (C6-C10)	46.0	20.0	50.0		92.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		8.00		95.7	70-130			
Matrix Spike (2528109-MS2)				Source:	E507075-	02	Prepared: 0	7/09/25 Anal	yzed: 07/09/25
Gasoline Range Organics (C6-C10)	50.0	20.0	50.0	ND	100	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.79		8.00		97.3	70-130			
Matrix Spike Dup (2528109-MSD2)				Source:	E507075-0	02	Prepared: 0	7/09/25 Anal	yzed: 07/09/25

50.0

8.00

ND

86.7

95.7

70-130

70-130

14.4

20

43.3

7.66

20.0



Matador Resources, LLC.Project Name:Janie Conner TBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo7/15/20251:10:59PM

Danas 1X, 73240		1 Toject Ivianage	7 10	sincy Gloveng	50			,,,	5/2025 1.10.59114
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2528180-BLK1)							Prepared: 0	7/11/25 Anal	yzed: 07/13/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.3		50.0		103	61-141			
LCS (2528180-BS1)							Prepared: 0	7/11/25 Anal	yzed: 07/13/25
Diesel Range Organics (C10-C28)	266	25.0	250		106	66-144			
Surrogate: n-Nonane	49.0		50.0		98.0	61-141			
Matrix Spike (2528180-MS1)				Source:	E507074-0	01	Prepared: 0	7/11/25 Anal	yzed: 07/13/25
Diesel Range Organics (C10-C28)	1000	50.0	250	978	10.1	56-156			M4
Surrogate: n-Nonane	57.0		50.0		114	61-141			
Matrix Spike Dup (2528180-MSD1)				Source:	E507074-0	01	Prepared: 0	7/11/25 Anal	yzed: 07/13/25
Diesel Range Organics (C10-C28)	1300	50.0	250	978	129	56-156	25.8	20	R3
Surrogate: n-Nonane	60.5		50.0		121	61-141			

Chloride

QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500	Project Name: Project Number:		nie Conner TI 3003-0002		Reported:					
Dallas TX, 75240		Project Manager	: A			7/15/2025 1:10:59PM				
		Anions	by EPA 3	300.0/9056 <i>A</i>	1				Analyst: IY	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2528141-BLK1)							Prepared: 0	7/09/25 Aı	nalyzed: 07/12/25	
Chloride	ND	20.0								
LCS (2528141-BS1)							Prepared: 0	7/09/25 Aı	nalyzed: 07/12/25	
Chloride	256	20.0	250		102	90-110				
Matrix Spike (2528141-MS1)				Source:	E507068-	03	Prepared: 0	7/09/25 Aı	nalyzed: 07/12/25	
Chloride	260	20.0	250	ND	104	80-120				
Matrix Spike Dup (2528141-MSD1)				Source:	E507068-	03	7/09/25 Analyzed: 07/12/25			

250

20.0

104

80-120

0.337

20

QC Summary Report Comment:

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



Definitions and Notes

Matador Resources, LLC.	Project Name:	Janie Conner TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	07/15/25 13:10

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.

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

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

Client: Matador Production Company

Project Manager: Ashley Giovengo

Address: 3122 National Parks Hwy

Email: agiovengo@ensolum.com

City, State, Zip: Carlsbad NM, 88220

Project: Janie Conner TB

Phone: 575-988-0055

Cha	in of Custod	У											P	age	1	_0
Invoice Informa	tion			La	ab Us	e On	ly				TAT		St	tate		
Company: Ensolum LLC Address: 3122 National Par City, State, Zip: Carlsbad NN		Lab E	WO#	Fol	7	Job I 23			02	1D 2	2D 3D St	d NM	со	UT	TX	
Phone: 575-988-0055	1, 66226					Ana	lysis	and	Met	hod		EI	A Pro	gra	m	
Email: agiovengo@ensolu	m.com											SDWA	CW.	_	RCF	RA
1iscellaneous:			8015	8015	1		0''		×	als		Complian	ce	Υ	or	N
ation			30 by	(O b)	805	8260	300	-NM	05 - T,	Metals						
Sample ID	10 H	Lab umber	DRO/ORO	GRO/DRO by 8015	BTEX by 8021	VOC by	Chloride 300.0	верос	TCEQ 1005 - TX	RCRA 8			Rema	rks		
BH01-14'		9						~				100				

				Sampl	le Information	on					808	826	e 30	Z	05-	Met				
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Field	Lab Numb	er er	000/000	BTEX by 803	VOC by 826	Chloride 30	BGDOC - NA	TCEQ 1005 -	RCRA 8 Met				Remarks
15:27	7/7/2025	S	1			BH01-14'		1						х					1.0	D
16:02	7/7/2025	S	1			BH01-15'		2						х					0.7	•
16:35	7/7/2025	S	1			BH01-16'		3						х					0.0	
16:50	7/7/2025	S	1			BH01-17		4						х					0.5	0
									4											
									4	-	-	+	-							
							+		-	-	-	+	-							
							+		+	+	+	+						+	-	
					-				+	+	+	+							-	
Addition	al Instructio	ns: Plea	se CC: c	burton@ens	olum.com, a	giovengo@ensolum.com, cha	milto	n@enso	um.c	om,	iestre	ella@d	ensou	ulm.c	om,	bsim	mon	s@ens	olum.com	,
I, (field sam	pler), attest to the	e validity and				nsolum.com tampering with or intentionally mislabeli	ng the s	ample locat	ion, dat	te or ti	me of o	ollectio	n is cor	nsidere	ed frau	d and r	nay be	grounds f	or legal actio	n.
	:Aboubaka ed by: (Signatur	- 1	Dat 7	18/25 T	ime	Received by: (signature)	Dat	1-82	5 Tin	ne O	711									ed on ice the day they are e 0 but less than 6 °C on
Relinquish	ed by (Signatur	e) onzale	eg Dat	-8.25	ime 520	Received by: (Signature)	Dat	P		ne /C	43			Rec	eive	d on i	ice:	Lab	Use Only N	
Relinquish	ed by: (Signatur	e)	Dat 2	.8.25	1me 2245	Received by: (Signature)	Dat			ne DB	30			T1				T2		<u>T3</u>
Relinquish	ed by: (Signatur	e)	Dat		ime	Received by: (Signature)	Dat	te	Tin	ne					100	0-				

Miscellaneous:

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.

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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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

Printed: 7/9/2025 9:45:45AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Matador Resources, LLC.	Date Received:	07/09/25	08:30	Work Order ID:	E507077
Phone:	(972) 371-5200	Date Logged In:	07/08/25	13:58	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	07/15/25	17:00 (4 day TAT)		
Chain of	Custody (COC)					
	he sample ID match the COC?		Yes			
	he number of samples per sampling site location ma	atch the COC	Yes			
3. Were s	samples dropped off by client or carrier?		Yes	Carrier: Courier		
	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes			
5. Were a	Ill samples received within holding time? Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss	•	Yes		Comment	s/Resolution
Sample 7	Turn Around Time (TAT)					
	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (
	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	e sample(s) received intact, i.e., not broken?		Yes			
	custody/security seals present?		No			
	s, were custody/security seals intact?		NA			
-	ne sample received on ice?					
	Note: Thermal preservation is not required, if samples a 15 minutes of sampling		Yes	in commonts		
	COC for individual sample temps. Samples outside	of 0 C-0 C will be	recorded	in comments.		
	Container NOC 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		3.7			
	equeous VOC samples present?		No			
	/OC samples collected in VOA Vials?		NA NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?	9	NA			
	non-VOC samples collected in the correct container		Yes			
	appropriate volume/weight or number of sample conta	iners collected?	Yes			
Field La		S				
	field sample labels filled out with the minimum intample ID?	ormation:	Yes			
	Date/Time Collected?		Yes			
	Collectors name?		Yes			
Sample l	<u>Preservation</u>					
21. Does	the COC or field labels indicate the samples were p	oreserved?	No			
22. Are s	ample(s) correctly preserved?		NA			
24. Is lab	filtration required and/or requested for dissolved n	netals?	No			
Multipha	ase Sample Matrix					
	the sample have more than one phase, i.e., multiph	ase?	No			
	s, does the COC specify which phase(s) is to be ana		NA			
	ract Laboratory					
	amples required to get sent to a subcontract laborate	new?	No			
	a subcontract laboratory specified by the client and	-	NA	Subcontract Lab: NA		
		11 30 WIIO.	1421	Subcontract Lab. NA		
Client I	<u>nstruction</u>					
1						
1						
						17-01

Date

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name: Janie Conner TB

Work Order: E507089

Job Number: 23003-0002

Received: 7/10/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 7/16/25

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

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

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

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

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

Date Reported: 7/16/25

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

Project Name: Janie Conner TB

Workorder: E507089

Date Received: 7/10/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/10/2025 7:00:00AM, under the Project Name: Janie Conner TB.

The analytical test results summarized in this report with the Project Name: Janie Conner 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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

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

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Matador Resources, LLC.	Project Name:	Janie Conner TB	Donoutoda
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	07/16/25 15:55

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
BH03-6'	E507089-01A Soil	07/08/25	07/10/25	Glass Jar, 2 oz.
BH03-7'	E507089-02A Soil	07/08/25	07/10/25	Glass Jar, 2 oz.
BH03-8'	E507089-03A Soil	07/08/25	07/10/25	Glass Jar, 2 oz.
BH03-9'	E507089-04A Soil	07/08/25	07/10/25	Glass Jar, 2 oz.
BH03-10'	E507089-05A Soil	07/08/25	07/10/25	Glass Jar, 2 oz.
BH03-11'	E507089-06A Soil	07/08/25	07/10/25	Glass Jar, 2 oz.



Matador Resources, LLC.	Project Name:	Janie Conner TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/16/2025 3:55:12PM

BH03-6' E507089-01

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst:	RKS		Batch: 2528156
Benzene	ND	0.0250	1		07/10/25	07/14/25	
Ethylbenzene	ND	0.0250	1		07/10/25	07/14/25	
Toluene	ND	0.0250	1		07/10/25	07/14/25	
o-Xylene	ND	0.0250	1		07/10/25	07/14/25	
p,m-Xylene	ND	0.0500	1		07/10/25	07/14/25	
Total Xylenes	ND	0.0250	1		07/10/25	07/14/25	
Surrogate: Bromofluorobenzene		112 %	70-130		07/10/25	07/14/25	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130		07/10/25	07/14/25	
Surrogate: Toluene-d8		109 %	70-130		07/10/25	07/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst:	RKS		Batch: 2528156
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	07/10/25	07/14/25	
Surrogate: Bromofluorobenzene		112 %	70-130		07/10/25	07/14/25	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130		07/10/25	07/14/25	
Surrogate: Toluene-d8		109 %	70-130		07/10/25	07/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst:	KH		Batch: 2528181
Diesel Range Organics (C10-C28)	ND	25.0	1	Į.	07/11/25	07/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1		07/11/25	07/14/25	
Surrogate: n-Nonane		96.7 %	61-141		07/11/25	07/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst:	DT		Batch: 2528148



Matador Resources, LLC.Project Name:Janie Conner TB5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo7/16/20253:55:12PM

BH03-7'

E507089-02

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: R	KS		Batch: 2528156
Benzene	ND	0.0250	1		07/10/25	07/14/25	
Ethylbenzene	ND	0.0250	1		07/10/25	07/14/25	
Toluene	ND	0.0250	1		07/10/25	07/14/25	
o-Xylene	ND	0.0250	1		07/10/25	07/14/25	
p,m-Xylene	ND	0.0500	1		07/10/25	07/14/25	
Total Xylenes	ND	0.0250	1		07/10/25	07/14/25	
Surrogate: Bromofluorobenzene		109 %	70-130		07/10/25	07/14/25	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130		07/10/25	07/14/25	
Surrogate: Toluene-d8		108 %	70-130		07/10/25	07/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: R	KS		Batch: 2528156
Gasoline Range Organics (C6-C10)	ND	20.0	1		07/10/25	07/14/25	
Surrogate: Bromofluorobenzene		109 %	70-130		07/10/25	07/14/25	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130		07/10/25	07/14/25	
Surrogate: Toluene-d8		108 %	70-130		07/10/25	07/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: K	.H		Batch: 2528181
Diesel Range Organics (C10-C28)	ND	25.0	1		07/11/25	07/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1		07/11/25	07/14/25	
Surrogate: n-Nonane		98.6 %	61-141		07/11/25	07/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: D	T		Batch: 2528148
	433	40.0	2		07/09/25	07/12/25	



Matador Resources, LLC.	Project Name:	Janie Conner TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/16/2025 3:55:12PM

BH03-8'

E507	089	-03
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		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2528156
Benzene	ND	0.0250	1	1	07/10/25	07/14/25	
Ethylbenzene	ND	0.0250	1	1	07/10/25	07/14/25	
Toluene	ND	0.0250	1	1	07/10/25	07/14/25	
o-Xylene	ND	0.0250	1	1	07/10/25	07/14/25	
p,m-Xylene	ND	0.0500	1	1	07/10/25	07/14/25	
Total Xylenes	ND	0.0250	1	1	07/10/25	07/14/25	
Surrogate: Bromofluorobenzene		112 %	70-130		07/10/25	07/14/25	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		07/10/25	07/14/25	
Surrogate: Toluene-d8		108 %	70-130		07/10/25	07/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2528156
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	07/10/25	07/14/25	
Surrogate: Bromofluorobenzene		112 %	70-130		07/10/25	07/14/25	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		07/10/25	07/14/25	
Surrogate: Toluene-d8		108 %	70-130		07/10/25	07/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KH		Batch: 2528181
Diesel Range Organics (C10-C28)	ND	25.0	1	1	07/11/25	07/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	1	07/11/25	07/14/25	
Surrogate: n-Nonane		96.5 %	61-141		07/11/25	07/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: DT		Batch: 2528148



Matador Resources, LLC.	Project Name:	Janie Conner TB	
5400 LBJ Freeway, Suite 15	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/16/2025 3:55:12PM

BH03-9'

		E507089-04				
		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	analyst: RKS		Batch: 2528156
Benzene	ND	0.0250	1	07/10/25	07/14/25	
Ethylbenzene	ND	0.0250	1	07/10/25	07/14/25	
Toluene	ND	0.0250	1	07/10/25	07/14/25	
o-Xylene	ND	0.0250	1	07/10/25	07/14/25	
p,m-Xylene	ND	0.0500	1	07/10/25	07/14/25	
Total Xylenes	ND	0.0250	1	07/10/25	07/14/25	
Surrogate: Bromofluorobenzene		112 %	70-130	07/10/25	07/14/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	07/10/25	07/14/25	
Surrogate: Toluene-d8		108 %	70-130	07/10/25	07/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	analyst: RKS		Batch: 2528156
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/10/25	07/14/25	
Surrogate: Bromofluorobenzene		112 %	70-130	07/10/25	07/14/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	07/10/25	07/14/25	
Surrogate: Toluene-d8		108 %	70-130	07/10/25	07/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	analyst: KH		Batch: 2528181
Diesel Range Organics (C10-C28)	ND	25.0	1	07/11/25	07/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/11/25	07/14/25	
Surrogate: n-Nonane		90.7 %	61-141	07/11/25	07/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	analyst: DT		Batch: 2528148
Chloride	1530	200	10	07/09/25	07/12/25	



Matador Resources, LLC.	Project Name:	Janie Conner TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/16/2025 3:55:12PM

BH03-10' E507089-05

	Reporting						
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2528156	
Benzene	ND	0.0250	1		07/10/25	07/14/25	
Ethylbenzene	ND	0.0250	1		07/10/25	07/14/25	
Toluene	ND	0.0250	1		07/10/25	07/14/25	
o-Xylene	ND	0.0250	1		07/10/25	07/14/25	
p,m-Xylene	ND	0.0500	1		07/10/25	07/14/25	
Total Xylenes	ND	0.0250	1		07/10/25	07/14/25	
Surrogate: Bromofluorobenzene		112 %	70-130		07/10/25	07/14/25	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130		07/10/25	07/14/25	
Surrogate: Toluene-d8		109 %	70-130		07/10/25	07/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS			Batch: 2528156
Gasoline Range Organics (C6-C10)	ND	20.0	1		07/10/25	07/14/25	
Surrogate: Bromofluorobenzene		112 %	70-130		07/10/25	07/14/25	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130		07/10/25	07/14/25	
Surrogate: Toluene-d8		109 %	70-130		07/10/25	07/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	Analyst: KH		KH		Batch: 2528181
Diesel Range Organics (C10-C28)	ND	25.0	1		07/11/25	07/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1		07/11/25	07/14/25	
Surrogate: n-Nonane		99.1 %	61-141		07/11/25	07/14/25	
Anions by EPA 300.0/9056A mg		mg/kg		Analyst:	DT		Batch: 2528148
Chloride	1280	200	10	n	07/09/25	07/12/25	



Matador Resources, LLC.Project Name:Janie Conner TB5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo7/16/2025 3:55:12PM

BH03-11'

E507089-06

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2528156	
Benzene	ND	0.0250	1		07/10/25	07/14/25	
Ethylbenzene	ND	0.0250	1		07/10/25	07/14/25	
Toluene	ND	0.0250	1		07/10/25	07/14/25	
o-Xylene	ND	0.0250	1		07/10/25	07/14/25	
p,m-Xylene	ND	0.0500	1		07/10/25	07/14/25	
Total Xylenes	ND	0.0250	1		07/10/25	07/14/25	
Surrogate: Bromofluorobenzene		111 %	70-130		07/10/25	07/14/25	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130		07/10/25	07/14/25	
Surrogate: Toluene-d8		107 %	70-130		07/10/25	07/14/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	Analyst: RKS				Batch: 2528156
Gasoline Range Organics (C6-C10)	ND	20.0	1		07/10/25	07/14/25	
Surrogate: Bromofluorobenzene		111 %	70-130		07/10/25	07/14/25	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130		07/10/25	07/14/25	
Surrogate: Toluene-d8		107 %	70-130		07/10/25	07/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	1	Analyst:	yst: KH		Batch: 2528181
Diesel Range Organics (C10-C28)	ND	25.0	1		07/11/25	07/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1		07/11/25	07/14/25	
Surrogate: n-Nonane		98.1 %	61-141		07/11/25	07/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst:	DT		Batch: 2528148



QC Summary Data

Matador Resources, LLC.Project Name:Janie Conner TBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo7/16/2025 3:55:12PM

Dallas TX, 75240		Project Manage	r: As	shley Gioveng	go			7//.	16/2025 3:55:12PN
	V	olatile Organ	ic Compo	unds by EI	PA 82601	В			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2528156-BLK1)							Prepared: 0	7/10/25 Ana	lyzed: 07/14/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.557		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.6	70-130			
Surrogate: Toluene-d8	0.537		0.500		107	70-130			
LCS (2528156-BS1)							Prepared: 0	7/10/25 Ana	lyzed: 07/14/25
Benzene	2.37	0.0250	2.50		94.7	70-130			
Ethylbenzene	2.48	0.0250	2.50		99.1	70-130			
Toluene	2.37	0.0250	2.50		94.7	70-130			
o-Xylene	2.41	0.0250	2.50		96.3	70-130			
p,m-Xylene	4.81	0.0500	5.00		96.2	70-130			
Total Xylenes	7.22	0.0250	7.50		96.2	70-130			
Surrogate: Bromofluorobenzene	0.552		0.500		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		97.9	70-130			
Surrogate: Toluene-d8	0.531		0.500		106	70-130			
Matrix Spike (2528156-MS1)				Source:	E507088-	03	Prepared: 0	7/10/25 Ana	lyzed: 07/14/25
Benzene	2.26	0.0250	2.50	ND	90.4	48-131			
Ethylbenzene	2.36	0.0250	2.50	ND	94.5	45-135			
Toluene	2.27	0.0250	2.50	ND	90.9	48-130			
o-Xylene	2.37	0.0250	2.50	ND	94.7	43-135			
p,m-Xylene	4.71	0.0500	5.00	ND	94.2	43-135			
Total Xylenes	7.08	0.0250	7.50	ND	94.4	43-135			
Surrogate: Bromofluorobenzene	0.568		0.500		114	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.3	70-130			
Surrogate: Toluene-d8	0.528		0.500		106	70-130			
Matrix Spike Dup (2528156-MSD1)				Source:	E507088-	03	Prepared: 0	7/10/25 Ana	lyzed: 07/14/25
Benzene	2.27	0.0250	2.50	ND	90.9	48-131	0.596	23	
Ethylbenzene	2.38	0.0250	2.50	ND	95.4	45-135	0.927	27	
Toluene	2.28	0.0250	2.50	ND	91.2	48-130	0.242	24	
o-Xylene	2.39	0.0250	2.50	ND	95.6	43-135	0.967	27	
p,m-Xylene	4.75	0.0500	5.00	ND	94.9	43-135	0.761	27	
Total Xylenes	7.14	0.0250	7.50	ND	95.2	43-135	0.830	27	
Surrogate: Bromofluorobenzene	0.550		0.500		110	70-130			
0 10011 1 1	0.500		0.500		00.0	70 120			



0.500

0.500

99.9

106

70-130

70-130

0.500

0.528

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

Matrix Spike Dup (2528156-MSD2)

Gasoline Range Organics (C6-C10)

 ${\it Surrogate: Bromofluor obenzene}$

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

46.1

0.575

0.492

0.542

QC Summary Data

Matador Resources, LLC.Project Name:Janie Conner TBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo7/16/20253:55:12PM

Dallas TX, 75240		Project Manager	r: As	hley Gioveng	50			7/10	5/2025 3:55:12P
Nonhalogenated Organics by EPA 8015D - GRO Analyst: RKS									
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2528156-BLK1)							Prepared: 0	7/10/25 Analy	zed: 07/14/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.557		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.6	70-130			
Surrogate: Toluene-d8	0.537		0.500		107	70-130			
LCS (2528156-BS2)							Prepared: 0	7/10/25 Analy	zed: 07/14/25
Gasoline Range Organics (C6-C10)	46.5	20.0	50.0		93.0	70-130			
Surrogate: Bromofluorobenzene	0.560		0.500		112	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.2	70-130			
Surrogate: Toluene-d8	0.531		0.500		106	70-130			
Matrix Spike (2528156-MS2)				Source:	E507088-	03	Prepared: 0	7/10/25 Analy	zed: 07/14/25
Gasoline Range Organics (C6-C10)	46.3	20.0	50.0	ND	92.5	70-130			
Surrogate: Bromofluorobenzene	0.575		0.500		115	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.8	70-130			
Surrogate: Toluene-d8	0.539		0.500		108	70-130			

50.0

0.500

0.500

0.500

20.0

Source: E507088-03

92.3

115

98.4

108

ND

70-130

70-130

70-130

70-130

0.290

Prepared: 07/10/25 Analyzed: 07/14/25

QC Summary Data

Matador Resources, LLC.Project Name:Janie Conner TBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo7/16/20253:55:12PM

,		, ,		, .	2				
Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst: KH									
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2528181-BLK1)							Prepared: 0	7/11/25 Ana	lyzed: 07/14/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.8		50.0		97.7	61-141			
LCS (2528181-BS1)							Prepared: 0	7/11/25 Ana	lyzed: 07/14/25
Diesel Range Organics (C10-C28)	255	25.0	250		102	66-144			
Surrogate: n-Nonane	50.0		50.0		100	61-141			
Matrix Spike (2528181-MS1)				Source:	E507112-0	04	Prepared: 0	7/11/25 Ana	lyzed: 07/14/25
Diesel Range Organics (C10-C28)	304	25.0	250	37.7	107	56-156			
Surrogate: n-Nonane	51.3		50.0		103	61-141			
Matrix Spike Dup (2528181-MSD1)				Source:	E507112-0	04	Prepared: 0	7/11/25 Ana	lyzed: 07/14/25
Diesel Range Organics (C10-C28)	298	25.0	250	37.7	104	56-156	2.05	20	
Surrogate: n-Nonane	51.3		50.0		103	61-141			



Chloride

M2

QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500		Project Name: Project Number:		nie Conner TI 003-0002	3				Reported:
Dallas TX, 75240		Project Manager		shley Gioveng	go				7/16/2025 3:55:12PM
		Anions	by EPA 3	00.0/9056	1				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2528148-BLK1)							Prepared: 0	7/09/25 A	nalyzed: 07/12/25
Chloride	ND	20.0							
LCS (2528148-BS1)							Prepared: 0	7/09/25 A	nalyzed: 07/12/25
Chloride	259	20.0	250		103	90-110			
Matrix Spike (2528148-MS1)				Source:	E507088-	04	Prepared: 0	7/09/25 A	nalyzed: 07/12/25
Chloride	575	20.0	250	232	137	80-120			M2
Matrix Spike Dup (2528148-MSD1)				Source:	E507088-	04	Prepared: 0	7/09/25 A	nalyzed: 07/12/25

250

20.0

232

135

80-120

0.772

571

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

Γ	Matador Resources, LLC.	Project Name:	Janie Conner TB	
l	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
١	Dallas TX, 75240	Project Manager:	Ashley Giovengo	07/16/25 15:55

M2 Matrix spike recovery was outside quality control limits. 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.



	age
	18
-	6 0
	2
	2

					Chain of Custody	,									Page c
	Clie	nt Inform	nation	Invoice In	formation			Lab U	se Or	nly			TAT		State
Project: J	latador Prod anie Conner lanager: Ash	uction Co	ompany	Company: Ensolum L Address: 3122 Nation	Company: Ensolum LLC Lab WO# Job						umber 1D 2D 3D Std			3D Std	NM CO UT TX
	3122 Nation			Phone: 575-988-005		Г			An	alysis	and N	leth	od		EPA Program
Phone: 5	e, Zip: Carlsb 575-988-0055 giovengo@er	,		Email: agiovengo@@	Email: agiovengo@ensolum.com		315	015							SDWA CWA RCRA Compliance Y or N
9				Campula Information			by 80	by 80	09	0.00	Σ	×	etals		PWSID#
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample Information Sample ID	10 +1	ab mber	DRO/ORO by 8015	GRO/DRO by 8015 BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals		Remarks
10:22	7/8/2025	S	1	BH03-6'					Í	Ŭ	Х				3.6
10:58	7/8/2025	S	1	BH03-7'	0	2					Х				3.0
11:27	7/8/2025	S	1	BH03-8'	3	ž					Х				3.4
11:47	7/8/2025	S	1	вноз-9'	4						Х				2.8
12:05	7/8/2025	S	1	BH03-10'	r.	5					Х				a. 6
14:03	7/8/2025	S	1	BH03-11'	Ce)		-			Х				2.4
			56.1					1					-i	al	
igonzale I, (field sam	z@ensolum. pler), attest to the	com. bm	oir@ensoli	rton@ensolum.com, agiovengo@ensolum um.com. oaderinto@ensolum.com of this sample. I am aware that tampering with or intention											
	Aboubakar ed by: (Signatur		Date 7)	9/25 Time 7:1/ Reteived by: (Signatur	onzales 7.9		Time	11							st be received on ice the day they are temp above 0 but less than 6 °C on
Relinguish	ed by: (Signatur Lucke G ed by: (Signatur den B	onzal	Date	Time Received by: Signatur	Briggs 7-9-	25 T	161 161 70	023-5			Recei T1	ved		Lab Us N N	se Only

AVG Temp °C_______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.

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

envirotech Inc.

Printed: 7/10/2025 10:07:28AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Matador Resources, LLC.	Date Received:	07/10/25	07:00		Work Order ID:	E507089
			07/09/25				Noe Soto
Phone: Email:	(972) 371-5200 agiovengo@ensolum.com	Date Logged In: Due Date:		17:00 (4 day TAT)		Logged In By:	Noe Solo
Ellian.	agiovengo@ensoium.com	Due Date.	07/10/23	17.00 (4 day 1A1)			
Chain of	Custody (COC)						
	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location ma	tch the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier: C	ourier		
	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes	Carrier. <u>C</u>	<u>ourici</u>		
	Il samples received within holding time?	,,	Yes				
	Note: Analysis, such as pH which should be conducted in					6	/D 1.4
	i.e, 15 minute hold time, are not included in this disucssi	on.		г		Comment	s/Resolution
	urn Around Time (TAT)						
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C							
	sample cooler received?		Yes				
•	was cooler received in good condition?		Yes				
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes,	were custody/security seals intact?		NA				
12. Was th	e sample received on ice?		Yes				
	Note: Thermal preservation is not required, if samples ar	e received within					
12 Sec. C	15 minutes of sampling	£00C 60C will be	maaamdad	in			
	OC for individual sample temps. Samples outside o	10 C-6 C will be	recorded	in comments.			
Sample C			3.7				
	queous VOC samples present?		No NA				
	OC samples collected in VOA Vials?		NA NA				
	head space less than 6-8 mm (pea sized or less)?						
	trip blank (TB) included for VOC analyses?	n	NA				
	on-VOC samples collected in the correct containers		Yes				
	appropriate volume/weight or number of sample contai	ners conected?	Yes				
Field Lab							
	field sample labels filled out with the minimum info ample ID?	ormation:	Yes				
	ate/Time Collected?		Yes	L			
	ollectors name?		Yes				
Sample P	<u>reservation</u>						
21. Does	the COC or field labels indicate the samples were p	reserved?	No				
22. Are sa	ample(s) correctly preserved?		NA				
24. Is lab	filtration required and/or requested for dissolved m	etals?	No				
Multipha	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multipha	ise?	No				
27. If yes,	, does the COC specify which phase(s) is to be analy	yzed?	NA				
Subcontr	act Laboratory						
	amples required to get sent to a subcontract laborate	rv?	No				
	subcontract laboratory specified by the client and i	•	NA	Subcontract Lab	·NA		
		2 50 11101	1112	Subcontract Lub	. 1421		
Client Ir	<u>astruction</u>						

Date

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



APPENDIX E

NMOCD Correspondence

Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 471766

QUESTIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	471766
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source						
Please answer all the questions in this group.						
Site Name	Janie Conner TB					
Date Release Discovered	06/06/2025					
Surface Owner	Private					

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

Nature and Volume of Release							
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.							
Crude Oil Released (bbls) Details	Not answered.						
Produced Water Released (bbls) Details	Cause: High Line Pressure Pipeline (Any) Produced Water Released: 32 BBL Recovered: 10 BBL Lost: 22 BBL.						
Is the concentration of chloride in the produced water >10,000 mg/l	Yes						
Condensate Released (bbls) Details	Not answered.						
Natural Gas Vented (Mcf) Details	Not answered.						
Natural Gas Flared (Mcf) Details	Not answered.						
Other Released Details	Not answered.						
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Check Valves failed from the SWD pipeline to the SWD pump discharge line resulting in over pressuring the SWD poly line to the SWD pumps						

General Information Phone: (505) 629-6116

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

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

QUESTIONS, Page 2

Action 471766

QUESTIONS (continued)

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	471766
	Action Type:
	[NOTIFY] Notification Of Release (NOR)
	·

QUESTIONS

Nature and Volume of Release (continued)								
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.							
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes							
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.							
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.								

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

Per Paragraph 4 of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

General Information Phone: (505) 629-6116

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

ACKNOWLEDGMENTS

Action 471766

ACKNOWLEDGMENTS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	471766
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

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

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 471766

CONDITIONS

Operator:	OGRID:		
MATADOR PRODUCTION COMPANY	228937		
One Lincoln Centre	Action Number:		
Dallas, TX 75240	471766		
	Action Type:		
	[NOTIFY] Notification Of Release (NOR)		

CONDITIONS

С	reated By	Condition	Condition Date
	j_touchet	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	6/7/2025

Impacted Soil On-Pad	
Saturated Soil (inches)	
	12
Area (sq. ft.)	
	383
Standing fluids	
inches of standing fluid	
	0
bbl estimate of standing fluids	
barrels recovered (if known)	
	3
Soil type	
pad caliche	
Spill type	
produced water	
Barrel estimate in soil	
	13.6
Barrel estimate (standing fluids/ recovered+in soil)	
	16.6

Impacted Soil On-Pad	
Saturated Soil (inches)	
Area (sq. ft.)	
	9
Standing fluids	
inches of standing fluid	
bbl estimate of standing fluids	
barrels recovered (if known)	
Soil type	
pad caliche	
Spill type	
produced water	
Barrel estimate in soil	
	8
Barrel estimate (standing fluids/ recovered+in soil)	
	1:
	11

	Pooled Fluids on the Surface									
	Length (ft.)	Width (ft.)	Depth (in)	# of Boundaries *edges of pool where depth is 0. don't count shared boundaries	Oil-Water Ratio (%)		Estimated Average Depth (ft.)	Pooled Volume (bbl.)	Volume of Oil in Subsurface (bbl.)	Volume of Water in Subsurface (bbl.)
Rectangle A	10.0	200.0	0.5	4.0	0.01	2000.0	0.0	3.7	0.00	0.00
Rectangle B					0.01	0.0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Rectangle C						0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Rectangle D						0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Rectangle E						0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	Total Volume (bbls): 3.71 0.00 0.00									

Subsurface Fluids										
	Length (ft.)	Width (ft.)	Depth (in.)	Saturation (%) *10% in consolidated sediments after rain to 50% in sand with no precipitation	Oil-Water Ratio (%)	Area (ft²)	Volume (bbl.)	Estimated Volume in Subsurface (bbl.)	Volume of Oil in Subsurface (bbl.)	Volume of Water in Subsurface (bbl.)
Rectangle A	0.0	0.0	4.0	0.1	0.01	0.0	0.0	0.0	0.00	0.0
Rectangle B				0.1	0.01	0.0	0.0	0.0	0.00	0.0
Rectangle C				0.1	0.01	0.0	0.0	0.0	0.00	0.0
Rectangle D				0.1	0.01	0.0	0.0	0.0	0.00	0.0
Rectangle E				0.1	0.01	0.0	0.0	0.0	0.00	0.0
Rectangle F						0.0	0.0	0.0	0.00	0.0
Rectangle G						0.0	0.0	0.0	0.00	0.0
Rectangle H						0.0	0.0	0.0	0.00	0.0
Rectangle I						0.0	0.0	0.0	0.00	0.0
Rectangle J						0.0	0.0	0.0	0.00	0.0
	·	·				Total Volu	me (bbls):	0.00	0.00	0.00

TOTAL RELEASE VOLUME (bbls): 3.7

Sante Fe Main Office Phone: (505) 476-3441 General Information Phone: (505) 629-6116

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

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

QUESTIONS

Action 472482

QUESTIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	472482
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites		
Incident ID (n#)	nAPP2515826889	
Incident Name	NAPP2515826889 JANIE CONNER TB @ 0	
Incident Type	Produced Water Release	
Incident Status	Initial C-141 Received	
Incident Facility	[fAPP2202573074] JANIE CONNOR FACILITY TANK BATTERY	

Location of Release Source			
Please answer all the questions in this group.			
Site Name	JANIE CONNER TB		
Date Release Discovered	06/06/2025		
Surface Owner	Private		

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

Nature and Volume of Release			
Material(s) released, please answer all that apply below. Any calculations or specific justifications fo	or the volumes provided should be attached to the follow-up C-141 submission.		
Crude Oil Released (bbls) Details	Not answered.		
Produced Water Released (bbls) Details	Cause: High Line Pressure Pipeline (Any) Produced Water Released: 32 BBL Recovered: 10 BBL Lost: 22 BBL.		
Is the concentration of chloride in the produced water >10,000 mg/l	Yes		
Condensate Released (bbls) Details	Not answered.		
Natural Gas Vented (Mcf) Details	Not answered.		
Natural Gas Flared (Mcf) Details	Not answered.		
Other Released Details	Not answered.		
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Check Valves failed from the SWD pipeline to the SWD pump discharge line resulting in over pressuring the SWD poly line to the SWD pumps		

Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS, Page 2

Action 472482

QUESTI	ONS (continued)	
Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240		OGRID:
		[C-141] Initial C-141 (C-141-v-Initial)
QUESTIONS		
Nature and Volume of Release (continued)		
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied ve	olumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes	
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major r (1) an unauthorized rele	elease" determine using: ease of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the	ne C-129 form.
Initial Response The responsible party must undertake the following actions immediately unless they could create a s		ıry.
The source of the release has been stopped	True	
The impacted area has been secured to protect human health and the environment	True	
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True	
All free liquids and recoverable materials have been removed and managed appropriately	True	
If all the actions described above have not been undertaken, explain why	N/A	
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remedi actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure e	ted or if the release occurred within a	a lined containment area (see Subparagraph (a) of Paragraph (5) of
I hereby certify that the information given above is true and complete to the best of my be to report and/or file certain release notifications and perform corrective actions for release the OCD does not relieve the operator of liability should their operations have failed to a water, human health or the environment. In addition, OCD acceptance of a C-141 report local laws and/or regulations.	ases which may endanger publi adequately investigate and remo	c health or the environment. The acceptance of a C-141 report by ediate contamination that pose a threat to groundwater, surface
I hereby agree and sign off to the above statement	Name: Jason Touchet Title: EHS Field Rep Email: jason.touchet@matad Date: 06/10/2025	dorresources.com

storage site

Phone: (505) 629-6116 Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS, Page 3

Action 472482

QUESTIONS (continued)

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	472482
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS Site Characterization Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the What is the shallowest depth to groundwater beneath the area affected by the Not answered. release in feet below ground surface (ft bgs) What method was used to determine the depth to ground water Not answered. Did this release impact groundwater or surface water Not answered What is the minimum distance, between the closest lateral extents of the release and the following surface areas: A continuously flowing watercourse or any other significant watercourse Not answered Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) Not answered. An occupied permanent residence, school, hospital, institution, or church Not answered. A spring or a private domestic fresh water well used by less than five households Not answered. for domestic or stock watering purposes Any other fresh water well or spring Not answered. Incorporated municipal boundaries or a defined municipal fresh water well field Not answered. Not answered. A subsurface mine Not answered. An (non-karst) unstable area Not answered. Categorize the risk of this well / site being in a karst geology A 100-year floodplain Not answered. Did the release impact areas not on an exploration, development, production, or Not answered.

Remediation Plan				
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.				
Requesting a remediation plan approval with this submission	No			
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.				

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 472482

CONDITIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	472482
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By		Condition Date
scott.rodgers	None	6/10/2025

Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 484291

QUESTIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	484291
	Action Type:
	[NOTIFY] Notification Of Liner Inspection (C-141L)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2515826889
Incident Name	NAPP2515826889 JANIE CONNER TB @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2202573074] JANIE CONNOR FACILITY TANK BATTERY

Location of Release Source	
Site Name	JANIE CONNER TB
Date Release Discovered	06/06/2025
Surface Owner	Private

Liner Inspection Event Information		
Please answer all the questions in this group.		
What is the liner inspection surface area in square feet	5,274	
Have all the impacted materials been removed from the liner	Yes	
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	07/16/2025	
Time liner inspection will commence	09:00 AM	
Please provide any information necessary for observers to liner inspection	Tank Containment	
Please provide any information necessary for navigation to liner inspection site	32.22184,-104.0511	

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 484291

CONDITIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	484291
	Action Type:
	[NOTIFY] Notification Of Liner Inspection (C-141L)

CONDITIONS

Created By	Condition	Condition Date
j_touchet	Failure to notify the OCD of liner inspections including any changes in date/time per the requirements of 19.15.29.11.A(5)(a)(ii) NMAC, may result in the inspection not being accepted.	7/11/2025

Chad Hamilton
Ashley Glovengo: Jason Touchet: Bratcher, Michael, EMNRD
RE: [EXTERNAL] Janie Conner TB - nAPP2515826889 - Background Chloride Variance
Wednesday, June 18, 2025 2:35:33 PM Subject:

Date

[**EXTERNAL EMAIL**]

The variance request to use the background sampling from incident# nAPP2422623967 for incident# nAPP2515826889 is approved.

Thank you and please let me know if you have any questions,

Scott

Scott Rodgers • Environmental Specialist - Adv. Environmental Bureau EMNRD - Oil Conservation Division 5200 Oakland NE, Suite B | Albuquerque, NM 87113 505.469.1830 | scott.rodgers@emnrd.nm.gov http://www.emnrd.nm.gov/ocd_



From: Chad Hamilton <chamilton@ensolum.com>

Sent: Monday, June 9, 2025 12:31 PM

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

Cc: Ashley Giovengo <agiovengo@ensolum.com>; Jason Touchet <jason.touchet@matadorresources.com>

Subject: [EXTERNAL] Janie Conner TB - nAPP2515826889 - Background Chloride Variance

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

Scott,

Matador Production Company (Matador) had a release at the Janie Conner TB (Site) Incident Number nAPP2515826889 on June 6, 2025. This Site neighbors a previous release at the Janie Conner Slot 2 Well Pad Harold Melton well 13 (Incident Number 2422623967) that has an approved background chloride variance. The chloride variance was approved by Shelly Wells on January 31, 2025. Will the approved background chloride variance also be accepted for this Site? The Site is adjacent to the Janie Conner Slot 2 Well Pad Harold Melton well 13 with a pipeline right-of-way separating the two sites. The background chloride sample locations also neighbor the Site with one being directly to the west, two to the southwest, and one to the south; all of which were collected in preapproved, previously undisturbed, and well vegetated areas, please see the attached map for release and background sample locations.



Thanks,



From: Rodgers, Scott, EMNRD

To: <u>Chad Hamilton</u>

Cc: <u>Ashley Giovengo</u>; <u>Jason Touchet</u>

Subject: RE: [EXTERNAL] Extension Request - Matador Production Company - Janie Conner TB - nAPP2515826889

Date: Thursday, September 4, 2025 9:07:58 AM

Attachments: <u>image006.png</u>

image007.png image008.png image009.png

[**EXTERNAL EMAIL**]

Your time extension request is approved. Remediation Due date has been updated to December 3, 2025 within the incident page. Ensure that the site characterization/assessment report has been completed and is provided within the final closure report.

Please keep a copy of this communication for inclusion within the appropriate reporting documentation.

If you have any questions, please contact me via email at your convenience.

Thank you,

Scott

Scott Rodgers • Environmental Specialist – Adv.

Environmental Bureau

EMNRD - Oil Conservation Division

5200 Oakland NE, Suite B | Albuquerque, NM 87113

505.469.1830 | scott.rodgers@emnrd.nm.gov

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



From: Chad Hamilton <chamilton@ensolum.com>

Sent: Thursday, September 4, 2025 8:42 AM

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

<Scott.Rodgers@emnrd.nm.gov>

Cc: Ashley Giovengo <agiovengo@ensolum.com>; Jason Touchet

<jason.touchet@matadorresources.com>

Subject: [EXTERNAL] Extension Request - Matador Production Company - Janie Conner TB -

nAPP2515826889

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

Mr. Rodgers,

Matador Production Company (Matador) is requesting an extension of the current deadline of September 4, 2025, for submitting a remediation work plan or closure report required in 19.15.29.12.B.(1) NMAC at the Janie Conner TB (Site) (Incident Number nAPP2515826889). The release occurred on June 6, 2025, and 32 barrels (bbls) of produced water were released onto the pad surface; 10 bbls of produced water were recovered. Overspray from the release impacted a lined secondary containment onsite and the remainder of the release impacted an area approximately 1,500 square feet in size on-pad and on Private Land. Ensolum personnel completed a liner integrity inspection on July 16, 2025, and a 48-hour advance notice was submitted to the New Mexico Oil Conservation Division (NMOCD) via web portal on July 11, 2025. During the inspection, one hole was identified in the liner, however the hole was outside of the mapped release extent. Lateral and vertical delineation soil sampling in accordance with the strictest Closure Criteria per NMOCD Table I criteria is currently on-going. Excavation of the subject matter release will begin once delineation soil sampling activities have been completed at the Site. Matador intends to submit a remediation work plan or closure report upon receiving final laboratory analytical data from confirmation sampling activities. Matador respectfully requests a 90-day extension until December 3, 2025. Please let me know if you have any further questions regarding this site.

Thanks



Sante Fe Main Office Phone: (505) 476-3441 General Information Phone: (505) 629-6116

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

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

QUESTIONS

Action 531632

QUESTIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	531632
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2515826889
Incident Name	NAPP2515826889 JANIE CONNER TB @ FAPP2202573074
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received
Incident Facility	[fAPP2202573074] JANIE CONNOR FACILITY TANK BATTERY

Location of Release Source	
Please answer all the questions in this group.	
Site Name	JANIE CONNER TB
Date Release Discovered	06/06/2025
Surface Owner	Private

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

Nature and Volume of Release		
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.		
Crude Oil Released (bbls) Details	Not answered.	
Produced Water Released (bbls) Details	Cause: High Line Pressure Pipeline (Any) Produced Water Released: 32 BBL Recovered: 10 BBL Lost: 22 BBL.	
Is the concentration of chloride in the produced water >10,000 mg/l	Yes	
Condensate Released (bbls) Details	Not answered.	
Natural Gas Vented (Mcf) Details	Not answered.	
Natural Gas Flared (Mcf) Details	Not answered.	
Other Released Details	Not answered.	
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Check Valves failed from the SWD pipeline to the SWD pump discharge line resulting in over pressuring the SWD poly line to the SWD pumps	

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QUESTIONS, Page 2

Action 531632

QUESTI	ONS (continued)
Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID:
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)
QUESTIONS	, , ,
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.	e. gas only) are to be submitted on the C-129 form.
Initial Response The responsible party must undertake the following actions immediately unless they could create a s	safety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	N/A
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releathe OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Jason Touchet Title: EHS Field Rep Email: jason.touchet@matadorresources.com

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

QUESTIONS, Page 3

Action 531632

QUESTIONS (continued)

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	531632
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release ar	nd the following surface areas:
A continuously flowing watercourse or any other significant watercourse	Between 300 and 500 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 500 and 1000 (ft.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1000 (ft.) and ½ (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between ½ and 1 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between ½ and 1 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to	o the appropriate district office no later than 90 days after the release discovery date.
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contaminatio	on associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in m	nilligrams per kilograms.)
Chloride (EPA 300.0 or SM4500 Cl B)	18800
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	135
GRO+DRO (EPA SW-846 Method 8015M)	56
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes complete which includes the anticipated timelines for beginning and completing the remediation.	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
On what estimated date will the remediation commence	01/05/2026
On what date will (or did) the final sampling or liner inspection occur	01/19/2026
On what date will (or was) the remediation complete(d)	01/19/2026
What is the estimated surface area (in square feet) that will be reclaimed	1943
What is the estimated volume (in cubic yards) that will be reclaimed	98
What is the estimated surface area (in square feet) that will be remediated	1943
What is the estimated volume (in cubic yards) that will be remediated	98
These estimated dates and measurements are recognized to be the best guess or calculation at the	he time of submission and may (be) change(d) over time as more remediation efforts are completed.

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

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QUESTIONS, Page 4

Action 531632

QUESTIONS (continued)

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	531632
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:		
(Select all answers below that apply.)		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes	
Which OCD approved facility will be used for off-site disposal	Not answered.	
OR which OCD approved well (API) will be used for off-site disposal	Not answered.	
OR is the off-site disposal site, to be used, out-of-state	Not answered.	
OR is the off-site disposal site, to be used, an NMED facility	Yes	
What is the name of the NMED facility	Lea Land	
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.	
(In Situ) Soil Vapor Extraction	Not answered.	
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.	
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.	
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.	
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.	
OTHER (Non-listed remedial process)	Not answered.	

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

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

I hereby agree and sign off to the above statement

Name: Jason Touchet Title: EHS Field Rep

Email: jason.touchet@matadorresources.com

Date: 12/03/2025

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

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Oil Conservation Division
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QUESTIONS, Page 5

Action 531632

QUESTIONS (continued)

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	531632
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 531632

QUESTIONS (continued)

Operator:	OGRID:	
MATADOR PRODUCTION COMPANY	228937	
One Lincoln Centre	Action Number:	
Dallas, TX 75240	531632	
	Action Type:	
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)	
QUESTIONS		
Sampling Event Information		
Last sampling notification (C-141N) recorded	{Unavailable.}	
Remediation Closure Request		
Only answer the questions in this group if seeking remediation closure for this release because all re	mediation steps have been completed.	
Requesting a remediation closure approval with this submission	No	

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CONDITIONS

Action 531632

CONDITIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	531632
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Remediation work plan is approved.	12/8/2025