



July 13, 2026

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

**Re: Deferral Request Report
Grevey Com TB
Incident Number nAPP2604143344
Lea County, New Mexico**

To Whom it May Concern:

Ensolum LLC (Ensolum), on behalf of Matador Production Company (Matador), has prepared this *Deferral Request Report (DRR)* to document excavation and soil sampling activities at the Grevey Com TB (Site). The purpose of the Site assessment and soil sampling activities was to address impacts to soil following a release of produced water at the Site. Based on the excavation activities and analytical results from the soil sampling events, Matador is submitting this *DRR*, describing remediation and confirmation sampling activities that have been completed and requesting deferral of final remediation for Incident Number nAPP2604143344 until the Site is reconstructed or the well is plugged and abandoned.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit D, Section 20, Township 26 South, Range 35 East, in Lea County, New Mexico (32.03373°, -103.39646°) and is associated with oil and gas exploration and production operations on private land.

On February 09, 2026, a 2-inch all-thread connection failed on the separator water leg, resulting in the release of approximately 7 barrels (bbls) of produced water onto the pad surrounding the separators. A vacuum truck was dispatched to the Site upon discovery of the release, and 1 bbl of produced water was recovered. Matador reported the release to the New Mexico Oil Conservation Division (NMOCD) via the NMOCD Portal on February 10, 2026, and the release was assigned Incident Number nAPP2604143344.

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 (19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented on page 3 of the Form C-141, Site Assessment/Characterization.

The closest permitted groundwater well with depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) well C-05075 POD1, with a depth to water measurement of 57 feet below ground surface (bgs); C-05075 POD1 was a temporary soil boring advanced at the Site to assess for the presence of ground water. The soil boring was advanced utilizing an air rotary drill to a depth of 105 feet bgs and was left open for at least 72 hours to equilibrate prior to measurement. All wells used

for depth to groundwater determination are depicted on Figure 1 and the referenced well log and record is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is a wetland, located approximately 3,275 feet north 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 from a freshwater well or spring. The Site is not within a 100-year floodplain or overlying a subsurface mine. The Site is in a designated low potential karst occurrence zone. Potential Site receptors are identified on Figure 1.

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

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

SITE ASSESSMENT ACTIVITIES

Beginning on February 11, 2026, through March 26, 2026, Site assessment activities were conducted to evaluate the release extent based on information provided on the Form C-141 and visual observations. Soil samples SS01 through SS11 were collected at depths ranging from ground surface to 1-foot bgs to assess the lateral extent of the release area. Beginning on February 17, 2025, eight boreholes (BH01 through BH08) were advanced via hand auger within the release extent to assess the vertical extent of impacted soil. The boreholes were advanced to depths ranging from 1-foot to 19 feet bgs.

Soil samples were field screened for TPH utilizing a PetroFLAG® soil analyzer system and for chloride utilizing Hach® chloride QuanTab® test strips. The release extent and delineation soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2. Field screening results and observations for the boreholes were logged on lithologic/soil sampling logs, which are included in Appendix B. A photographic log documenting delineation soil sampling activities is included in Appendix C.

soil samples for laboratory analysis 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 chemicals of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-GRO, TPH-DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300.0.

EXCAVATION SOIL SAMPLING ACTIVITIES

Beginning on April 27, 2026, Ensolum personnel were onsite to oversee the excavation and removal of impacted and waste-containing soil at the Site. Excavation activities were performed using a hydrovac,

backhoe, hand tools, and transport vehicles. The excavation occurred on pad and within the mapped release extent. To direct excavation activities, soil was screened for chloride and TPH in the same manner as previously described. Due to the presence of equipment (separators, and process piping) excavation of impacted material was limited so as to not jeopardize the structural integrity of the soil.

The excavation depth ranged from 0.5 feet to 1-foot bgs to the Maximum Extent Practicable (MEP) to remove gross impacts from the release area. Following removal of impacted soil, 5-point composite soil samples were collected every 200 square feet from the floor of the excavation and every 200 square feet from the sidewalls of the excavation. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a resealable plastic bag and homogenizing the samples by thoroughly mixing. Excavation floor samples FS01 through FS33 were collected at depths ranging from ground surface to 1-foot bgs and excavation sidewall soil samples SW01 and SW02 were collected at depths ranging from 0.5 feet to 1-foot bgs. The excavation extent and excavation soil sample locations are presented on Figure 3.

The Site excavation area measured approximately 6,394 square feet. A total of approximately 136 cubic yards of impacted and waste-containing soil was removed from the excavation extent. The soil was transported and properly disposed of at the R360 Antelope Ridge in Jal, New Mexico.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for preliminary soil samples SS01 through SS11 were all in compliance with the strictest Closure Criteria at ground surface, and up to 1-foot bgs. Laboratory analytical results for boreholes BH01, BH05, and BH07 indicated concentrations for TPH exceeded the Site Closure Criteria per NMOCD Table I at ground surface. Laboratory analytical results for borehole BH04 indicated concentrations for TPH exceeded the Site Closure Criteria per NMOCD Table I at ground surface, 0.5 feet bgs and 17 feet bgs. Laboratory analytical results for boreholes BH01 through BH03, and BH05 through BH08 indicated all COCs were in compliance with the Site Closure Criteria per NMOCD Table I at depths ranging from ground surface to up to 4 feet bgs. Laboratory analytical results for borehole BH04 indicated all COCs were in compliance with Site Closure Criteria at ground surface to 15 feet bgs, and at 19 feet bgs.

Laboratory analytical results for excavation floor soil samples FS01 through FS33 and sidewall samples SW01 and SW02 indicated concentrations of all COCs were compliant with the Site Closure Criteria per NMOCD Table I. Laboratory analytical results are summarized in Tables 1 and, 2 and the complete laboratory analytical reports are included as Appendix D.

DEFERRAL REQUEST

Matador has removed the gross impacted soil and is requesting deferral of final remediation due to the presence of active production equipment (pipe rack, and horizontal separators), which prevents the full excavation of impacted soil in borehole BH04. The estimated area with the remaining impacted soil measures approximately 1,600 square feet, based on laboratory results from borehole BH04, and assuming a depth of 19 feet bgs of impacted material, a total of approximately 1,126 cubic yards of impacted soil remains in place. The deferral area and delineation soil samples are depicted on Figure 4.

Impacted soil is limited to the area around BH04, which is around active production equipment on pad and remediation would require a major facility deconstruction. The release extent has been laterally defined by delineation soil samples SS01 through SS11 at depths ranging from ground surface to 1-foot bgs and vertically defined by borehole sample BH04 at 19 feet bgs.

Grevey Com TB
Matador Production Company
Deferral Request Report



Matador does not believe deferment will result in imminent risk to human health, the environment, or groundwater. Depth to groundwater was determined to be 57 feet bgs, the area is within a low karst potential designation area, and impacted soil was removed to the MEP during excavation activities. Matador respectfully requests deferral of final remediation for Incident Number nAPP2604143344 until final reclamation of the well pad or major facility deconstruction, whichever comes first.

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

Sincerely,
Ensolum, LLC

A handwritten signature in black ink, appearing to read "JMcCauley".

Jarad McCauley
Staff Scientist

A handwritten signature in black ink, appearing to read "Daniel R. Moir".

Daniel R. Moir, PG (licensed in WY & TX)
Associate Principal, Geologist

cc: Matador

Appendices:

Figure 1	Site Receptor Map
Figure 2	Delineation Soil Sample Locations
Figure 3	Confirmation Soil Sample Locations
Figure 4	Area of Requested Deferral
Table 1	Soil Sample Analytical Results (Delineation Soil Samples)
Table 2	Soil Sample Analytical Results (Confirmation Soil Samples)
Appendix A	Well Log and Record
Appendix B	Lithologic Soil Sampling Logs
Appendix C	Photographic Log
Appendix D	Laboratory Analytical Reports & Chain-of-Custody Documentation
Appendix E	NMOCD Correspondence



FIGURES

1

Legend

-  Delineation Soil Sample with Concentrations Previously Exceeding Closure Criteria
-  Delineation Soil Sample in Compliance with Closure Criteria
-  Oil and Gas Utility Line
-  Electric Line
-  Water Utility Line
-  Release Extent



Notes:
 Sample ID @ Depth Below Ground Surface.
 Concentrations in **bold** exceed the NMOCB Table I Closure
 Criteria reclamation standard.
 Red text represents samples that exceed Closure Criteria

0 5 10 20 30 40
 Feet

Sources: Environmental Systems Research Institute (ESRI)



Delineation Soil Sample Locations

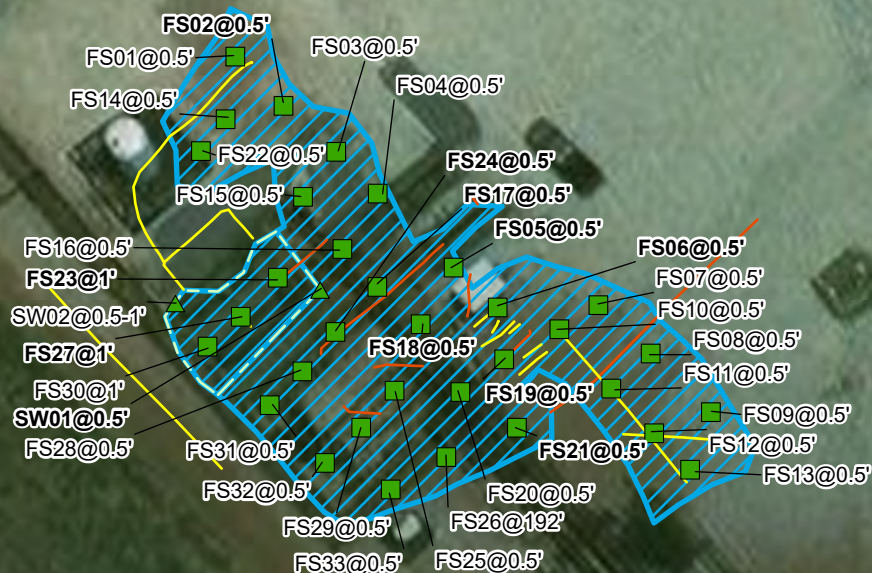
Matador Production Company
 Grevey Com TB
 Incident Number: nAPP2604143344
 Unit D, Section 20, T 26S, R 35E
 Lea County, New Mexico

FIGURE

2

Legend

- Excavation Floor Sample in Compliance with Closure Criteria
- ▲ Excavation Sidewall Sample in Compliance with Closure Criteria
- Oil and Gas Utility Line
- Electric Utility Line
- Water Utility Line
- Sidewall
- × Fence
- ▨ Excavation Extent



Notes:
 Sample ID @ Depth Below Ground Surface.
 Concentrations in **bold** exceed the NMOC Table I
 Closure Criteria reclamation standard.

0 10 20 40 60 80
 Feet

Sources: Environmental Systems Research Institute (ESRI)



Confirmation Soil Sample Location

Matador Production Company
 Grevey Com TB
 Incident Number: nAPP2604143344
 Unit D, Section 20, T 26S, R 35E
 Lea County, New Mexico

FIGURE

3

Legend

-  Delineation Soil Sample with Concentrations Previously Exceeding Closure Criteria
-  Delineation Soil Sample in Compliance with Closure Criteria
-  Oil and Gas Utility Line
-  Electric Utility Line
-  Water Utility
-  Sidewall in Compliance with NMOCD Closure Criteria Reclamation Requirement
-  Sidewall Exceeding NMOCD Closure Criteria Reclamation Requirement
-  Deferral Area

Total Area: 1,620 sq ft Total

yardage: 1,126 cu yds



Notes:

Sample ID @ Depth Below Ground Surface.
Concentrations in **bold** exceed the NMOCD Table I Closure
Criteria reclamation standard.
Red text represents samples that exceed Closure Criteria

0 5 10 20 30 40
Feet

Sources: Environmental Systems Research Institute (ESRI)

Area of Requested Deferral

Matador Production Company
Grevey Com TB
Incident Number: nAPP2604143344
Unit D, Section 20, T 26S, R 35E
Lea County, New Mexico

FIGURE

4





TABLES



TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
 Grevey Com TB
 Matador Production Company
 Lea County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria Reclamation Requiremnt (NMAC 19.15.29.13.D)			10	50	NE	NE	NE	NE	100	600
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	10,000
Delineation Soil Samples										
SS01	2/17/2026	0	<0.0250	0.0621	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS01	2/17/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS02	2/11/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS02	2/17/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS03	2/17/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	95.4
SS03	2/17/2026	1	<0.0250	<0.0500	<20.0	25.8	<50.0	25.8	<50.0	34.5
SS04	2/11/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS04	2/17/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS05	2/11/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	27.9
SS05	2/17/2026	1	<0.0250	0.0719	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS06	2/11/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	212
SS06	2/17/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS07	2/11/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS07	2/17/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS08	2/17/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	137
SS08	2/17/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS09	2/11/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS09	2/17/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS10	2/11/2026	0	<0.0250	<0.0500	<20.0	<25.0	58.0	<25.0	58.0	53.7
SS10	2/17/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS11	2/11/2026	0	<0.0250	<0.0500	<20.0	<25.0	50.2	<25.0	50.2	59.8
BH01	2/17/2026	0	<0.0250	<0.0500	<20.0	5,790	2,450	5,790	8,240	5,830
BH01	2/17/2026	0.5	<0.0250	<0.0500	<20.0	96.5	<50.0	96.5	96.5	2,760
BH01	2/17/2026	1	<0.0250	<0.0500	<20.0	72.4	<50.0	72.4	72.4	458
BH01	2/17/2026	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	31.8
BH02	2/17/2026	0	<0.0250	<0.0500	<20.0	210	130	210	340	5,640
BH02	2/17/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	224
BH02	2/17/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	56.4
BH02	2/17/2026	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0



TABLE 1 - CONT'D
SOIL SAMPLE ANALYTICAL RESULTS
 Grevey Com TB
 Matador Production Company
 Lea County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria Reclamation Requiremnt (NMAC 19.15.29.13.D)			10	50	NE	NE	NE	NE	100	600
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	10,000
Delineation Soil Samples										
BH03	2/17/2026	0	<0.0250	<0.0500	<20.0	885	494.0	885	1,379	4,780
BH03	2/17/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	398
BH03	2/17/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	425
BH03	2/17/2026	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	55.1
BH04	2/17/2026	0	0.0306	8.94	132	12,700	4,170	12,832	17,002	10,500
BH04	2/17/2026	0.5	0.137	25.5	322	15,300	4,590.0	15,622	20,212	1,970
BH04	2/17/2026	1	<0.0250	<0.0500	<20.0	127	61.5	127	189	2,890
BH04	2/17/2026	3	<0.0250	<0.0500	<20.0	92.8	67.5	92.8	160	1,730
BH04	2/17/2026	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,060
BH04	2/17/2026	7	<0.0250	0.0504	<20.0	33.0	<50.0	33.00	<50.0	2,090
BH04	2/17/2026	9	<0.0250	<0.0500	<20.0	293	133	293	426	1,650
BH04	2/17/2026	11	<0.0250	<0.0500	<20.0	71.0	<50.0	71.0	71.0	639
BH04	2/17/2026	13	<0.0250	<0.0500	<20.0	125	61.2	125	186	535
BH04	2/17/2026	15	<0.0250	0.145	<20.0	287	103	287	390	411
BH04	2/17/2026	17	<0.0250	2.29	49.4	2,330	807	2,379	3,186	1,220
BH04	3/26/2026	19	<0.0250	<0.0500	<20.0	36.2	<50.0	36.2	36.2	489
BH05	2/17/2026	0	<0.0250	0.0822	<20.0	4,210	2,140.0	4,210	6,350	5,390
BH05	2/17/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	77.9
BH05	2/17/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	97.5
BH05	2/17/2026	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	22.9
BH06	2/17/2026	0	<0.0250	<0.0500	<20.0	102	59.7	102	162	4,960
BH06	2/17/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	930
BH06	2/17/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,360
BH06	2/17/2026	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,200
BH06	2/17/2026	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	481
BH06	2/17/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	145



TABLE 1 - CONT'D
SOIL SAMPLE ANALYTICAL RESULTS
 Grevey Com TB
 Matador Production Company
 Lea County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria Reclamation Requiremnt (NMAC 19.15.29.13.D)			10	50	NE	NE	NE	NE	100	600
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	10,000
Delineation Soil Samples										
BH07	2/17/2026	0	<0.0250	1.501	36.2	12,400	4,770	12,436	17,206	9,780
BH07	2/17/2026	0.5	<0.0250	0.0503	<20.0	387	183.0	387	570	606
BH07	2/17/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	56.2
BH07	2/17/2026	2	<0.0250	<0.0500	<20.0	25.5	<50.0	25.5	<50.0	251
BH08	2/17/2026	0	<0.0250	<0.0500	<20.0	474	255.0	474	729	9,530
BH08	2/17/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	151
BH08	2/17/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	38.7
BH08	2/17/2026	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	27.2

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 Closure Criteria

<": Laboratory Analytical result is less than reporting limit

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

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

TABLE 2
SOIL SAMPLE ANALYTICAL RESULTS
 Federal G Gas Com #1
 Devon Energy
 Eddy County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria Reclamation Requiremnt (NMAC 19.15.29.13.D)			10	50	NE	NE	NE	NE	100	600
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	10,000
Excavation Floor Soil Samples										
FS01	4/30/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	234
FS02	4/28/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	867
FS03	4/27/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	288
FS04	4/29/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	525
FS05	5/4/2026	0.5	<0.0250	<0.0500	<20.0	165	99.4	165	264	<20.0
FS06	5/4/2026	0.5	<0.0250	<0.0500	<20.0	348	187	348	535	51.3
FS07	4/28/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	122
FS08	4/30/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS09	4/28/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	95.5
FS10	4/30/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	491
FS11	4/30/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	53.3
FS12	4/29/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	77.3
FS13	4/29/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	153
FS14	4/30/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	542
FS15	5/4/2026	0.5	<0.0250	<0.0500	<20.0	42.4	<50.0	42.4	<50.0	83.7
FS16	5/4/2026	0.5	<0.0250	<0.0500	<20.0	32.0	<50.0	32.0	<50.0	42.7
FS17	5/7/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,600
FS18	5/7/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,180
FS19	5/4/2026	0.5	<0.0250	<0.0500	<20.0	108	98.1	108	206	65.3
FS20	5/7/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	188
FS21	5/7/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,170
FS22	4/30/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	504
FS23	5/6/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,850
FS24	5/6/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,620
FS25	5/4/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	155
FS26	5/7/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	192
FS27	5/6/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	802
FS28	5/6/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	439
FS29	5/4/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	92.0
FS30	5/6/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	431



TABLE 2 - CONT'D
SOIL SAMPLE ANALYTICAL RESULTS
 Federal G Gas Com #1
 Devon Energy
 Eddy County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria Reclamation Requirement (NMAC 19.15.29.13.D)			10	50	NE	NE	NE	NE	100	600
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	10,000
Excavation Floor Soil Samples										
FS31	5/4/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS32	5/6/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	292
FS33	5/7/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	97.8
Excavation Floor Soil Samples										
SW01	5/6/2026	0.5-1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,550
SW02	5/7/2026	0.5-1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	276

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 Closure Criteria

<: Laboratory Analytical result is less than reporting limit

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

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes



APPENDIX A

Well Log and Record



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

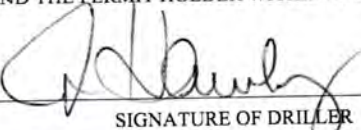
www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) Pod 1		WELL TAG ID NO.		OSE FILE NO(S). C-5075				
	WELL OWNER NAME(S) Matador Production Company				PHONE (OPTIONAL)				
	WELL OWNER MAILING ADDRESS 5400 Lyndon B Johnson FWY Suite 1500				CITY Dallas	STATE TX	ZIP 75240		
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 2	SECONDS 2.12	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND			
		LONGITUDE 103	23	44.36	W	* DATUM REQUIRED: WGS 84			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE S20 T26s R35e									
2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1862		NAME OF LICENSED DRILLER James Hawley			NAME OF WELL DRILLING COMPANY H&R Enterprises, LLC			
	DRILLING STARTED 5-13-26		DRILLING ENDED 5-13-26		DEPTH OF COMPLETED WELL (FT) 105'		BORE HOLE DEPTH (FT) 105'		
					DEPTH WATER FIRST ENCOUNTERED (FT) 57'				
	COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☐ DRY HOLE ☒ SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) 57'		DATE STATIC MEASURED 5-18-26	
	DRILLING FLUID: ☒ AIR ☐ MUD ADDITIVES – SPECIFY:								
	DRILLING METHOD: ☒ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:						CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐		
	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)	
	FROM	TO							
	0'	105'	6'	No casing left in hole					
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>	AMOUNT (cubic feet)	METHOD OF PLACEMENT			
	FROM	TO							
				N/A					

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 1 OF 2

DEPTH (feet bgl)	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES <i>(attach supplemental sheets to fully describe all units)</i>	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0'	15'	Sand	Y ✓ N	
15'	20'	Sandy Caliche	Y ✓ N	
20'	30'	Caliche	Y ✓ N	
30'	80'	Sand	✓ Y N	
80'	105'	Sandy Red Clay	✓ Y N	
			Y N	
			Y N	
			Y N	
			Y N	
			Y N	
			Y N	
			Y N	
			Y N	
			Y N	
			Y N	
			Y N	
			Y N	
			Y N	
			Y N	
			Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: ☐ PUMP ☐ AIR LIFT ☐ BAILER ☒ OTHER – SPECIFY: DTGW Bore			TOTAL ESTIMATED WELL YIELD (gpm): 0.00	
WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.			
	MISCELLANEOUS INFORMATION: Depth to groundwater bore was gauged for water on 5-18-26 at the Matador Grevey Com TB remediation site. DTGW bore was wet @ 57'. Temporary well casing was removed, bore hole was plugged by tremie with 20% solids slurry Halliburton Quik-Grout to surface.			
5. TEST; RIG SUPERVISION	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:			
	Nathan Smelcer			
6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:			
	 SIGNATURE OF DRILLER / PRINT SIGNEE NAME		James Hawley DATE	
FOR OSE INTERNAL USE			WR-20 WELL RECORD & LOG (Version 09/22/2022)	
FILE NO.		POD NO.	TRN NO.	
LOCATION			PAGE 2 OF 2	



PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: C-5075 Pod 1

Well owner: Matador Production Company

Phone No.: (337) 652-3463

Mailing address: 5400 Lyndon B Johnson FWY Suite 1500

City: Dallas State: TX Zip code: 75240

II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: H&R Enterprises, LLC
- 2) New Mexico Well Driller License No.: WD-1862 Expiration Date: 6/16/27
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s):
Nathan Smelcer
- 4) Date well plugging began: 5-18-26 Date well plugging concluded: 5-18-26
- 5) GPS Well Location: Latitude: 32 deg, 2 min, 2.12 sec
Longitude: 103 deg, 23 min, 44.36 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 105 ft below ground level (bgl),
by the following manner: well sounder
- 7) Static water level measured at initiation of plugging: 57 ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 4/27/26
- 9) Were all plugging activities consistent with an approved plugging plan? yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

- For each interval plugged, describe within the following columns:**

III. SIGNATURE:

Signature of W

Date _____



APPENDIX B

Lithologic Soil Sampling Logs

								Sample Name: BH01		Date: 02/17/2026			
								Site Name: Grevey Com TB					
								Incident Number: nAPP2604143344					
								Job Number: 03A2270118					
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: JM		Method: Hand Auger			
Coordinates: 32.033821, -103.396494								Hole Diameter: 3"		Total Depth: 4			
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 factor included.													
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions					
D	>3,590		N	BH01	0	0	CCHE	0 - 1' - Pad Caliche					
	515			BH01	0.5								
				BH01	1	1							
D	<168	43	N	BH01	2	2	SW - SC	1 - 4' - Clayey Sand - Medium to Fine, Well Graded, Light Brown to Dark Grey, Non-plastic, Noncohesive, Massive, Sharp Lower Boundary					
						3							
	<168					4							
Total Depth @ 4 feet bgs													

								Sample Name: BH02		Date: 02/17/2026			
								Site Name: Grevey Com TB					
								Incident Number: nAPP2604143344					
								Job Number: 03A2270118					
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: JM		Method: Hand Auger			
Coordinates: 32.033783, -103.396434								Hole Diameter: 3"		Total Depth: 4			
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 factor included.													
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions					
D	>3,590		N	BH02	0	0	CCHE	0 - 1' - Pad Caliche					
	<168			BH02	0.5								
	<168	16	N	BH02	1	1							
D	<168			BH02	2	2	SW - SC	1 - 4' - Clayey Sand - Medium to Fine, Well Graded, Light Brown to Dark Grey, Non-plastic, Noncohesive, Massive, Sharp Lower Boundary					
	<168					3							
						4							
Total Depth @ 4 feet bgs													

								Sample Name: BH03		Date: 02/17/2026			
								Site Name: Grevey Com TB					
								Incident Number: nAPP2604143344					
								Job Number: 03A2270118					
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: JM		Method: Hand Auger			
Coordinates: 32.033751, -103.396405								Hole Diameter: 3"		Total Depth: 4			
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 factor included.													
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions					
D	>3,590		N	BH03	0	0	CCHE	0 - 1' - Pad Caliche					
	515			BH03	0.5								
				BH03	1	1							
D	<168	19	N	BH03	2	2	SW - SC	1 - 4' - Clayey Sand - Medium to Fine, Well Graded, Light Brown to Dark Grey, Non-plastic, Noncohesive, Massive, Sharp Lower Boundary					
						3							
	<168					4							
Total Depth @ 4 feet bgs													

								Sample Name: BH04		Date: 02/17/2026			
								Site Name: Grevey Com TB					
								Incident Number: nAPP2604143344					
								Job Number: 03A2270118					
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: JM		Method: Hand Auger			
Coordinates: 32.033696, -103.396485								Hole Diameter: 3"		Total Depth: 17			
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 factor included.													
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions					
D	>3,590		N	BH04	0	0	CCHE	0 - 1' - Pad Caliche					
				BH04	1	1							
	>3,590	21				2							
M			N	BH04	3	3	SW - SC	1 - 6' - Clayey Sand - Medium to Fine, Well Graded, Light Brown to Dark Grey, Non-plastic, Noncohesive, Massive, Sharp Lower Boundary					
	857					4							
	1,602			BH04	5	5							
	2,554					6							
	2,554			BH04	7	7							
	1,837					8							
M	1,837		N	BH04	9	9	SW - SC	6 - 17' - Clayey Sand - Medium to Fine, Well Graded, Light Brown to Light Red, Non-plastic, Noncohesive, Massive					
				BH04	11	11							
				BH04	13	13							
	784			BH04		15							
				BH04	17	17							

								Sample Name: BH04		Date: 03/26/2026	
								Site Name: Grevey Com TB			
								Incident Number: nAPP2604143344			
								Job Number: 03A2270118			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: LCL		Method: Core Drill	
Coordinates: 32.033696, -103.396485								Hole Diameter: 2"		Total Depth: 24'	
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 factor included.											
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
M	190	138	N	BH04	17	17	SW	17-19' - Sand with Gravel - Medium to Fine, Well Graded, Brown, Loose, Moist, Non-plastic, Noncohesive, Some Small Gravel (31-49%), Sharp Lower Boundary			
	448	145			18	18					
	834.4	169			19	19					
W	1,780	167	N	BH04	21	21	SW	19-23' - Sand with Gravel - Fine, Well Graded, Light Brown, Loose, Wet, Non-plastic, Noncohesive, Little Small Gravel (16-30%), Gradual Lower Boundary			
	1,551			22	22						
	2,845	227		23	23						
W	907		N	BH04	24	24	SW	23-24' - Sand - Fine, Well Graded, White, Soft, Very Wet, Non-plastic, Noncohesive, Few Small Gravel (5-16%)			
Total Depth @ 24 feet bgs											

					Sample Name: BH05		Date: 02/17/2026	
					Site Name: Grevey Com TB			
					Incident Number: nAPP2604143344			
					Job Number: 03A2270118			
LITHOLOGIC / SOIL SAMPLING LOG					Logged By: JM		Method: Hand Auger	
Coordinates: 32.033710, -103.396342					Hole Diameter: 3"		Total Depth: 4	
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 factor included.								
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	>3,590		N	BH05	0	0	CCHE	0 - 1' - Pad Caliche
	168			BH05	0.5			
				BH05	1	1		
D	<168		N	BH05	2	2	SW - SC	1 - 4' - Clayey Sand - Medium to Fine, Well Graded, Light Brown to Dark Grey, Non-plastic, Noncohesive, Massive, Sharp Lower Boundary
						3		
						4		
Total Depth @ 4 feet bgs								

								Sample Name: BH06		Date: 02/17/2026			
								Site Name: Grevey Com TB					
								Incident Number: nAPP2604143344					
								Job Number: 03A2270118					
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: JM		Method: Hand Auger			
Coordinates: 32.033642, -103.396419								Hole Diameter: 3"		Total Depth: 4			
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 factor included.													
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions					
D	>3,590		N	BH06	0	0	CCHE	0 - 1' - Pad Caliche					
				BH06	0.5								
				BH06	1	1							
D	1,719		N	BH06	2	2	SW - SC	1 - 4' - Clayey Sand - Medium to Fine, Well Graded, Light Brown to Dark Grey, Non-plastic, Noncohesive, Massive, Sharp Lower Boundary					
				BH06		3							
	168	22		BH06		4							
Total Depth @ 4 feet bgs													

								Sample Name: BH07		Date: 02/17/2026			
								Site Name: Grevey Com TB					
								Incident Number: nAPP2604143344					
								Job Number: 03A2270118					
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: JM		Method: Hand Auger			
Coordinates: 32.033691, -103.396247								Hole Diameter: 3"		Total Depth: 4			
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 factor included.													
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions					
D	>3,590		N	BH07	0	0	CCHE	0 - 1' - Pad Caliche					
				BH07	0.5								
				BH07	1	1							
D	<168	63	N	BH07	2	2	SW - SC	1 - 4' - Clayey Sand - Medium to Fine, Well Graded, Light Brown to Dark Grey, Non-plastic, Noncohesive, Massive, Sharp Lower Boundary					
						3							
						4							
Total Depth @ 4 feet bgs													

								Sample Name: BH08		Date: 02/17/2026			
								Site Name: Grevey Com TB					
								Incident Number: nAPP2604143344					
								Job Number: 03A2270118					
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: JM		Method: Hand Auger			
Coordinates: 32.033635, -103.396200								Hole Diameter: 3"		Total Depth: 4			
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 factor included.													
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions					
D	>3,590		N	BH08	0	0	CCHE	0 - 1' - Pad Caliche					
				BH08	0.5								
				BH08	1	1							
D	<168	15	N	BH08	2	2	SW - SC	1 - 4' - Clayey Sand - Medium to Fine, Well Graded, Light Brown to Dark Grey, Non-plastic, Noncohesive, Massive, Sharp Lower Boundary					
						3							
						4							
Total Depth @ 4 feet bgs													



APPENDIX C

Photographic Log



Photographic Log

Matador Production Company

Grevey Com TB

nAPP2604143344

<u>Photograph</u> 1	<u>Date</u> 2/10/2026	NE E SE S 30 60 90 120 150 180 210 ☀ 119°SE (T) ● 32°2'1"N, 103°23'48"W ±16ft ▲ 3192ft  OneCall Ensolum LLC Grevey Com TB 10 Feb 2026, 13:49:05
<u>Description</u> Site Overview		
<u>View</u> Southeast		E SE S SW 60 90 120 150 180 210 240 ☀ 152°SE (T) ● 32°2'2"N, 103°23'46"W ±19ft ▲ 3191ft  Sampling Ensolum LLC Grevey Com TB 11 Feb 2026, 15:45:03
<u>Photograph</u> 2	<u>Date</u> 2/11/2026	
<u>Description</u> Delineation		
<u>View</u> Southeast		



Photographic Log

Matador Production Company

Grevey Com TB

nAPP2604143344

<u>Photograph</u> 3	<u>Date</u> 2/11/2026	
<u>Description</u> Delineation		
<u>View</u> Southwest		
<u>Photograph</u> 4	<u>Date</u> 2/16/2026	
<u>Description</u> Line Marking		
<u>View</u> Southwest		



Photographic Log

Matador Production Company

Grevey Com TB

nAPP2604143344

<u>Photograph</u> 5	<u>Date</u> 2/16/2026	Line Marking Ensolum LLC Grevey Com TB 16 Feb 2026, 12:54:04
<u>Description</u> Line Marking	<u>View</u> Northwest	
<u>Photograph</u> 6	<u>Date</u> 2/17/2026	BH04 Ensolum LLC Grevey TB 17 Feb 2026 3:06:05 PM
<u>Description</u> Delineation (BH04)	<u>View</u> East	



Photographic Log

Matador Production Company

Grevey Com TB

nAPP2604143344

<u>Photograph</u> 7	<u>Date</u> 3/26/2026	
<u>Description</u> Delineation (BH04)		
<u>View</u> Southwest		
<u>Photograph</u> 8	<u>Date</u> 3/26/2026	
<u>Description</u> Delineation (BH04)		
<u>View</u> Northeast		



Photographic Log

Matador Production Company

Grevey Com TB

nAPP2604143344

<u>Photograph</u> 9	<u>Date</u> 4/27/2026	 W 330 N 0 NE 30 60 90 120 SE 49°NE (T) 32.033919°, -103.396422° ±36ft 3155ft Excavation Ensolum LLC Grevey Com TB 27 Apr 2026, 13:33:28
<u>Description</u> Excavation		
<u>View</u> Northeast		
<u>Photograph</u> 10	<u>Date</u> 4/27/2026	 N 0 NE 30 60 90 120 SE 150 70°E (T) 32.033822°, -103.396502° ±9ft 3186ft Excavation Ensolum LLC Grevey Com TB 27 Apr 2026, 15:04:05
<u>Description</u> Excavation		
<u>View</u> East		



Photographic Log

Matador Production Company

Grevey Com TB

nAPP2604143344

<u>Photograph</u> 11	<u>Date</u> 4/28/2026	S 180 SW 210 240 W 270 NW 300 330 ☀ 254°W (T) ● 32.033765°, -103.396054° ±9ft ▲ 3185ft  Excavation Activity Ensolum LLC Grevey Com TB 28 Apr 2026, 09:00:58
<u>Description</u> Excavation Activity	<u>View</u> West	SW 210 W 240 270 NW 300 N 330 0 30 ☀ 301°NW (T) ● 32.033743°, -103.396364° ±22ft ▲ 3189ft  Excavation Ensolum LLC Grevey Com TB 28 Apr 2026, 13:44:28
<u>Photograph</u> 12	<u>Date</u> 4/28/2026	<u>Description</u> Excavation
		<u>View</u> Northwest



Photographic Log

Matador Production Company

Grevey Com TB

nAPP2604143344

Photograph 13	Date 4/29/2025	SE150 S180 SV210 W240 NW270 300 ☀ 228°SW (T) 🕒 32.033697°, -103.396223° ±22ft ▲ 3186ft  Excavation Activity Ensolum LLC Grevey Com TB 29 Apr 2026, 11:04:49
Description Excavation Activity		
View Southwest		
Photograph 14	Date 4/29/2026	N0 NE30 E60 SE90 120 150 ☀ 75°E (T) 🕒 32.034082°, -103.396274° ±6ft ▲ 3192ft  Excavation Activity Ensolum LLC Grevey Com TB 29 Apr 2026, 09:39:25
Description Excavation Activity		
View East		

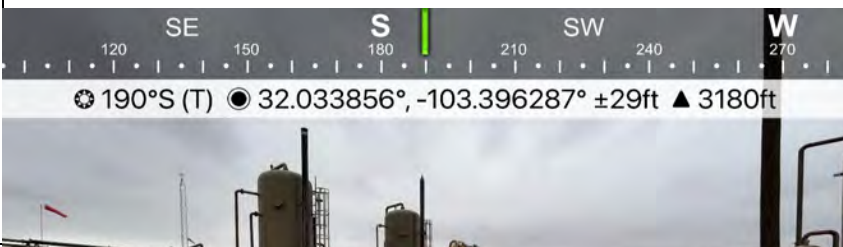
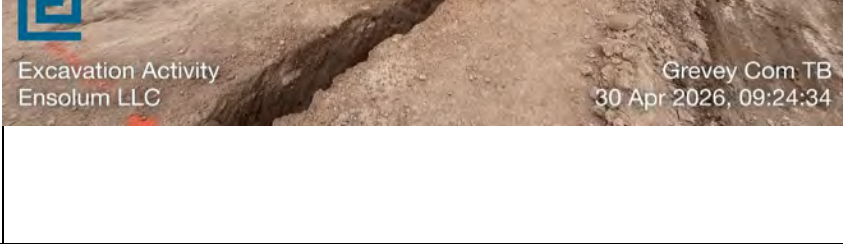
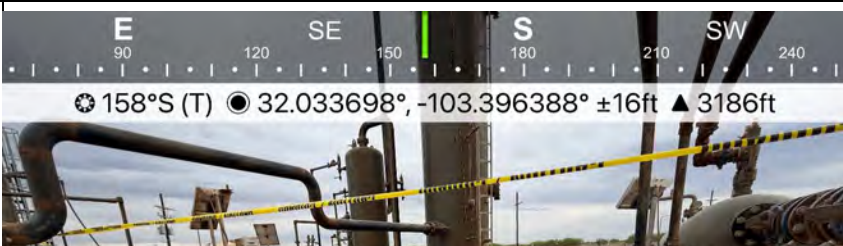


Photographic Log

Matador Production Company

Grevey Com TB

nAPP2604143344

<u>Photograph</u> 15	<u>Date</u> 4/30/2026	
<u>Description</u> Excavation Activity		
<u>View</u> South		
<u>Photograph</u> 16	<u>Date</u> 3/30/2026	
<u>Description</u> Excavation		
<u>View</u> Southeast		



Photographic Log

Matador Production Company

Grevey Com TB

nAPP2604143344

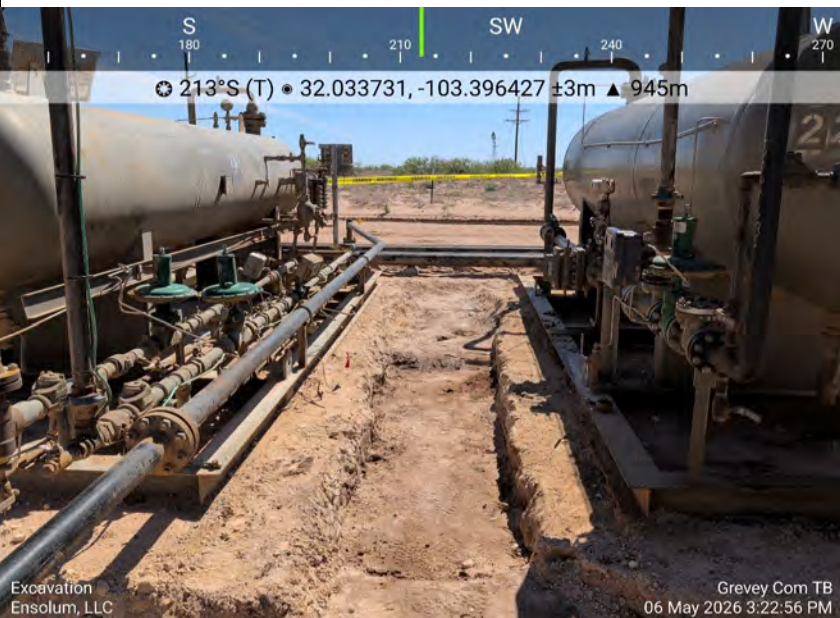
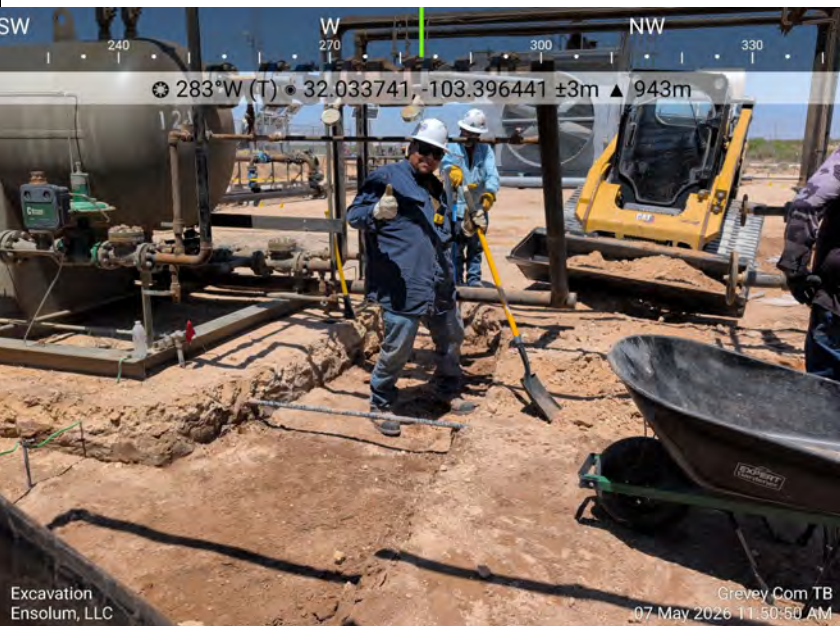
<u>Photograph</u> 17	<u>Date</u> 5/4/2026	S 150 180 210 240 SW 202°S (T) • 32.033751, -103.396192 ±3m ▲ 946m  Excavation Ensolum LLC Grevey TB 04 May 2026 12:02:35 PM
<u>Description</u> Excavation	<u>View</u> Southwest	SW 210 240 W 270 300 251°SW (T) • 32.03369, -103.396413 ±3m ▲ 944m  Excavation Activity Ensolum LLC Grevey TB 05 May 2026 10:24:09 AM
<u>Photograph</u> 18	<u>Date</u> 5/5/2026	<u>Description</u> Excavation Activity
<u>View</u> West		

**Photographic Log**

Matador Production Company

Grevey Com TB

nAPP2604143344

<u>Photograph</u> 19	<u>Date</u> 5/6/2026	
<u>Description</u> Excavation		
<u>View</u> Southwest		
<u>Photograph</u> 20	<u>Date</u> 5/7/2026	
<u>Description</u> Excavation		
<u>View</u> West		



APPENDIX D

Laboratory Analytical Reports & Chain-of-Custody Documentation

Report to:

Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name: Grevey Com TB

Work Order: E602158

Job Number: 23003-0002

Received: 2/13/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/18/26

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 2/18/26

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



Project Name: Grevey Com TB
Workorder: E602158
Date Received: 2/13/2026 6:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/13/2026 6:30:00AM, under the Project Name: Grevey Com TB.

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

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
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Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SS02-0'	5
SS04-0'	6
SS05-0'	7
SS06-0'	8
SS07-0'	9
SS09-0'	10
SS10-0'	11
SS11-0'	12
QC Summary Data	13
QC - Volatile Organic Compounds by EPA8260B	13
QC - Nonhalogenated Organics by EPA 8015D - GRO	14
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	15
QC - Anions by EPA 300.0/9056A	16
Definitions and Notes	17
Chain of Custody etc.	18

Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Grevey Com TB Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 02/18/26 16:24
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS02-0'	E602158-01A	Soil	02/11/26	02/13/26	Glass Jar, 2 oz.
SS04-0'	E602158-02A	Soil	02/11/26	02/13/26	Glass Jar, 2 oz.
SS05-0'	E602158-03A	Soil	02/11/26	02/13/26	Glass Jar, 2 oz.
SS06-0'	E602158-04A	Soil	02/11/26	02/13/26	Glass Jar, 2 oz.
SS07-0'	E602158-05A	Soil	02/11/26	02/13/26	Glass Jar, 2 oz.
SS09-0'	E602158-06A	Soil	02/11/26	02/13/26	Glass Jar, 2 oz.
SS10-0'	E602158-07A	Soil	02/11/26	02/13/26	Glass Jar, 2 oz.
SS11-0'	E602158-08A	Soil	02/11/26	02/13/26	Glass Jar, 2 oz.



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/18/2026 4:24:00PM

SS02-0'

E602158-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2607170	
Benzene	ND	0.0250	1	02/13/26	02/17/26	
Ethylbenzene	ND	0.0250	1	02/13/26	02/17/26	
Toluene	ND	0.0250	1	02/13/26	02/17/26	
o-Xylene	ND	0.0250	1	02/13/26	02/17/26	
p,m-Xylene	ND	0.0500	1	02/13/26	02/17/26	
Total Xylenes	ND	0.0250	1	02/13/26	02/17/26	
<i>Surrogate: Bromofluorobenzene</i>		100 %	70-130	02/13/26	02/17/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.1 %	70-130	02/13/26	02/17/26	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	02/13/26	02/17/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2607170	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/13/26	02/17/26	
<i>Surrogate: Bromofluorobenzene</i>		100 %	70-130	02/13/26	02/17/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.1 %	70-130	02/13/26	02/17/26	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	02/13/26	02/17/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2608012	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/16/26	02/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/16/26	02/16/26	
<i>Surrogate: n-Nonane</i>		111 %	61-141	02/16/26	02/16/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2608027	
Chloride	ND	20.0	1	02/16/26	02/16/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/18/2026 4:24:00PM

SS04-0'

E602158-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2607170	
Benzene	ND	0.0250	1	02/13/26	02/18/26	
Ethylbenzene	ND	0.0250	1	02/13/26	02/18/26	
Toluene	ND	0.0250	1	02/13/26	02/18/26	
o-Xylene	ND	0.0250	1	02/13/26	02/18/26	
p,m-Xylene	ND	0.0500	1	02/13/26	02/18/26	
Total Xylenes	ND	0.0250	1	02/13/26	02/18/26	
Surrogate: Bromofluorobenzene	102 %	70-130		02/13/26	02/18/26	
Surrogate: 1,2-Dichloroethane-d4	98.4 %	70-130		02/13/26	02/18/26	
Surrogate: Toluene-d8	105 %	70-130		02/13/26	02/18/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2607170	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/13/26	02/18/26	
Surrogate: Bromofluorobenzene	102 %	70-130		02/13/26	02/18/26	
Surrogate: 1,2-Dichloroethane-d4	98.4 %	70-130		02/13/26	02/18/26	
Surrogate: Toluene-d8	105 %	70-130		02/13/26	02/18/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2608012	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/16/26	02/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/16/26	02/16/26	
Surrogate: n-Nonane	112 %	61-141		02/16/26	02/16/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2608027	
Chloride	ND	20.0	1	02/16/26	02/16/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/18/2026 4:24:00PM

SS05-0'

E602158-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2607170
Benzene	ND	0.0250	1	02/13/26	02/18/26	
Ethylbenzene	ND	0.0250	1	02/13/26	02/18/26	
Toluene	ND	0.0250	1	02/13/26	02/18/26	
o-Xylene	ND	0.0250	1	02/13/26	02/18/26	
p,m-Xylene	ND	0.0500	1	02/13/26	02/18/26	
Total Xylenes	ND	0.0250	1	02/13/26	02/18/26	
Surrogate: Bromofluorobenzene		101 %	70-130	02/13/26	02/18/26	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130	02/13/26	02/18/26	
Surrogate: Toluene-d8		105 %	70-130	02/13/26	02/18/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2607170
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/13/26	02/18/26	
Surrogate: Bromofluorobenzene		101 %	70-130	02/13/26	02/18/26	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130	02/13/26	02/18/26	
Surrogate: Toluene-d8		105 %	70-130	02/13/26	02/18/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2608012
Diesel Range Organics (C10-C28)	ND	25.0	1	02/16/26	02/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/16/26	02/16/26	
Surrogate: n-Nonane		109 %	61-141	02/16/26	02/16/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2608027
Chloride	27.9	20.0	1	02/16/26	02/16/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/18/2026 4:24:00PM

SS06-0'

E602158-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2607170
Benzene	ND	0.0250	1	02/13/26	02/18/26	
Ethylbenzene	ND	0.0250	1	02/13/26	02/18/26	
Toluene	ND	0.0250	1	02/13/26	02/18/26	
o-Xylene	ND	0.0250	1	02/13/26	02/18/26	
p,m-Xylene	ND	0.0500	1	02/13/26	02/18/26	
Total Xylenes	ND	0.0250	1	02/13/26	02/18/26	
Surrogate: Bromofluorobenzene		104 %	70-130	02/13/26	02/18/26	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	02/13/26	02/18/26	
Surrogate: Toluene-d8		105 %	70-130	02/13/26	02/18/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2607170
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/13/26	02/18/26	
Surrogate: Bromofluorobenzene		104 %	70-130	02/13/26	02/18/26	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	02/13/26	02/18/26	
Surrogate: Toluene-d8		105 %	70-130	02/13/26	02/18/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2608012
Diesel Range Organics (C10-C28)	ND	25.0	1	02/16/26	02/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/16/26	02/16/26	
Surrogate: n-Nonane		110 %	61-141	02/16/26	02/16/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2608027
Chloride	212	20.0	1	02/16/26	02/16/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/18/2026 4:24:00PM

SS07-0'

E602158-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2607170	
Benzene	ND	0.0250	1	02/13/26	02/18/26	
Ethylbenzene	ND	0.0250	1	02/13/26	02/18/26	
Toluene	ND	0.0250	1	02/13/26	02/18/26	
o-Xylene	ND	0.0250	1	02/13/26	02/18/26	
p,m-Xylene	ND	0.0500	1	02/13/26	02/18/26	
Total Xylenes	ND	0.0250	1	02/13/26	02/18/26	
Surrogate: Bromofluorobenzene		103 %	70-130	02/13/26	02/18/26	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	02/13/26	02/18/26	
Surrogate: Toluene-d8		106 %	70-130	02/13/26	02/18/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2607170	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/13/26	02/18/26	
Surrogate: Bromofluorobenzene		103 %	70-130	02/13/26	02/18/26	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	02/13/26	02/18/26	
Surrogate: Toluene-d8		106 %	70-130	02/13/26	02/18/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2608012	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/16/26	02/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/16/26	02/16/26	
Surrogate: n-Nonane		112 %	61-141	02/16/26	02/16/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2608027	
Chloride	ND	20.0	1	02/16/26	02/16/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/18/2026 4:24:00PM

SS09-0'

E602158-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2607170
Benzene	ND	0.0250	1	02/13/26	02/18/26	
Ethylbenzene	ND	0.0250	1	02/13/26	02/18/26	
Toluene	ND	0.0250	1	02/13/26	02/18/26	
o-Xylene	ND	0.0250	1	02/13/26	02/18/26	
p,m-Xylene	ND	0.0500	1	02/13/26	02/18/26	
Total Xylenes	ND	0.0250	1	02/13/26	02/18/26	
Surrogate: Bromofluorobenzene		102 %	70-130	02/13/26	02/18/26	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	02/13/26	02/18/26	
Surrogate: Toluene-d8		106 %	70-130	02/13/26	02/18/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2607170
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/13/26	02/18/26	
Surrogate: Bromofluorobenzene		102 %	70-130	02/13/26	02/18/26	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	02/13/26	02/18/26	
Surrogate: Toluene-d8		106 %	70-130	02/13/26	02/18/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2608012
Diesel Range Organics (C10-C28)	ND	25.0	1	02/16/26	02/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/16/26	02/16/26	
Surrogate: n-Nonane		112 %	61-141	02/16/26	02/16/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2608027
Chloride	ND	20.0	1	02/16/26	02/16/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/18/2026 4:24:00PM

SS10-0'

E602158-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2607170
Benzene	ND	0.0250	1	02/13/26	02/17/26	
Ethylbenzene	ND	0.0250	1	02/13/26	02/17/26	
Toluene	ND	0.0250	1	02/13/26	02/17/26	
o-Xylene	ND	0.0250	1	02/13/26	02/17/26	
p,m-Xylene	ND	0.0500	1	02/13/26	02/17/26	
Total Xylenes	ND	0.0250	1	02/13/26	02/17/26	
Surrogate: Bromofluorobenzene		103 %	70-130	02/13/26	02/17/26	
Surrogate: 1,2-Dichloroethane-d4		99.7 %	70-130	02/13/26	02/17/26	
Surrogate: Toluene-d8		105 %	70-130	02/13/26	02/17/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2607170
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/13/26	02/17/26	
Surrogate: Bromofluorobenzene		103 %	70-130	02/13/26	02/17/26	
Surrogate: 1,2-Dichloroethane-d4		99.7 %	70-130	02/13/26	02/17/26	
Surrogate: Toluene-d8		105 %	70-130	02/13/26	02/17/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2608012
Diesel Range Organics (C10-C28)	58.0	25.0	1	02/16/26	02/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/16/26	02/17/26	
Surrogate: n-Nonane		113 %	61-141	02/16/26	02/17/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2608027
Chloride	53.7	20.0	1	02/16/26	02/16/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/18/2026 4:24:00PM

SS11-0'

E602158-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2607170	
Benzene	ND	0.0250	1	02/13/26	02/18/26	
Ethylbenzene	ND	0.0250	1	02/13/26	02/18/26	
Toluene	ND	0.0250	1	02/13/26	02/18/26	
o-Xylene	ND	0.0250	1	02/13/26	02/18/26	
p,m-Xylene	ND	0.0500	1	02/13/26	02/18/26	
Total Xylenes	ND	0.0250	1	02/13/26	02/18/26	
Surrogate: Bromofluorobenzene		103 %	70-130	02/13/26	02/18/26	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130	02/13/26	02/18/26	
Surrogate: Toluene-d8		105 %	70-130	02/13/26	02/18/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2607170	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/13/26	02/18/26	
Surrogate: Bromofluorobenzene		103 %	70-130	02/13/26	02/18/26	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130	02/13/26	02/18/26	
Surrogate: Toluene-d8		105 %	70-130	02/13/26	02/18/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2608012	
Diesel Range Organics (C10-C28)	50.2	25.0	1	02/16/26	02/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/16/26	02/17/26	
Surrogate: n-Nonane		112 %	61-141	02/16/26	02/17/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2608027	
Chloride	59.8	20.0	1	02/16/26	02/16/26	



QC Summary Data

Matador Resources, LLC.	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/18/2026 4:24:00PM

Volatile Organic Compounds by EPA 8260B

Analyst: SL

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

Blank (2607170-BLK1)

Prepared: 02/13/26 Analyzed: 02/17/26

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.512		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.7	70-130			
Surrogate: Toluene-d8	0.525		0.500		105	70-130			

LCS (2607170-BS1)

Prepared: 02/13/26 Analyzed: 02/17/26

Benzene	2.06	0.0250	2.50		82.3	70-130			
Ethylbenzene	2.04	0.0250	2.50		81.6	70-130			
Toluene	2.02	0.0250	2.50		80.7	70-130			
o-Xylene	2.01	0.0250	2.50		80.6	70-130			
p,m-Xylene	4.09	0.0500	5.00		81.7	70-130			
Total Xylenes	6.10	0.0250	7.50		81.4	70-130			
Surrogate: Bromofluorobenzene	0.499		0.500		99.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.6	70-130			
Surrogate: Toluene-d8	0.524		0.500		105	70-130			

Matrix Spike (2607170-MS1)

Source: E602158-07

Prepared: 02/13/26 Analyzed: 02/17/26

Benzene	1.81	0.0250	2.50	ND	72.2	48-131			
Ethylbenzene	1.79	0.0250	2.50	ND	71.7	45-135			
Toluene	1.75	0.0250	2.50	ND	69.9	48-130			
o-Xylene	1.78	0.0250	2.50	ND	71.2	43-135			
p,m-Xylene	3.56	0.0500	5.00	ND	71.2	43-135			
Total Xylenes	5.34	0.0250	7.50	ND	71.2	43-135			
Surrogate: Bromofluorobenzene	0.499		0.500		99.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.525		0.500		105	70-130			

Matrix Spike Dup (2607170-MSD1)

Source: E602158-07

Prepared: 02/13/26 Analyzed: 02/17/26

Benzene	2.19	0.0250	2.50	ND	87.4	48-131	19.0	23	
Ethylbenzene	2.17	0.0250	2.50	ND	86.7	45-135	19.0	27	
Toluene	2.14	0.0250	2.50	ND	85.6	48-130	20.2	24	
o-Xylene	2.18	0.0250	2.50	ND	87.0	43-135	20.0	27	
p,m-Xylene	4.38	0.0500	5.00	ND	87.6	43-135	20.6	27	
Total Xylenes	6.55	0.0250	7.50	ND	87.4	43-135	20.4	27	
Surrogate: Bromofluorobenzene	0.499		0.500		99.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.510		0.500		102	70-130			
Surrogate: Toluene-d8	0.518		0.500		104	70-130			



QC Summary Data

Matador Resources, LLC.	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/18/2026 4:24:00PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2607170-BLK1)

Prepared: 02/13/26 Analyzed: 02/17/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.512		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.7	70-130			
Surrogate: Toluene-d8	0.525		0.500		105	70-130			

LCS (2607170-BS2)

Prepared: 02/13/26 Analyzed: 02/17/26

Gasoline Range Organics (C6-C10)	52.6	20.0	50.0		105	70-130			
Surrogate: Bromofluorobenzene	0.499		0.500		99.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.6	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			

Matrix Spike (2607170-MS2)

Source: E602158-07

Prepared: 02/13/26 Analyzed: 02/17/26

Gasoline Range Organics (C6-C10)	51.5	20.0	50.0	ND	103	70-130			
Surrogate: Bromofluorobenzene	0.503		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.519		0.500		104	70-130			

Matrix Spike Dup (2607170-MSD2)

Source: E602158-07

Prepared: 02/13/26 Analyzed: 02/17/26

Gasoline Range Organics (C6-C10)	56.3	20.0	50.0	ND	112	70-130	8.89	20	
Surrogate: Bromofluorobenzene	0.505		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.8	70-130			
Surrogate: Toluene-d8	0.537		0.500		107	70-130			



QC Summary Data

Matador Resources, LLC.	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/18/2026 4:24:00PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2608012-BLK1)					Prepared: 02/16/26 Analyzed: 02/16/26				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.2		50.0		114	61-141			

LCS (2608012-BS1)					Prepared: 02/16/26 Analyzed: 02/16/26				
Diesel Range Organics (C10-C28)	268	25.0	250		107	66-144			
Surrogate: n-Nonane	54.8		50.0		110	61-141			

Matrix Spike (2608012-MS1)					Source: E602158-08		Prepared: 02/16/26 Analyzed: 02/16/26		
Diesel Range Organics (C10-C28)	333	25.0	250	50.2	113	56-156			
Surrogate: n-Nonane	56.0		50.0		112	61-141			

Matrix Spike Dup (2608012-MSD1)					Source: E602158-08		Prepared: 02/16/26 Analyzed: 02/16/26		
Diesel Range Organics (C10-C28)	351	25.0	250	50.2	120	56-156	5.23	20	
Surrogate: n-Nonane	56.1		50.0		112	61-141			



QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Grevey Com TB Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/18/2026 4:24:00PM
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Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2608027-BLK1)					Prepared: 02/16/26 Analyzed: 02/16/26				
Chloride	ND	20.0							
LCS (2608027-BS1)					Prepared: 02/16/26 Analyzed: 02/16/26				
Chloride	245	20.0	250		98.0	90-110			
Matrix Spike (2608027-MS1)					Source: E602157-05		Prepared: 02/16/26 Analyzed: 02/16/26		
Chloride	301	20.0	250	50.9	99.9	80-120			
Matrix Spike Dup (2608027-MSD1)					Source: E602157-05		Prepared: 02/16/26 Analyzed: 02/16/26		
Chloride	299	20.0	250	50.9	99.2	80-120	0.590	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:	Grevey Com TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	02/18/26 16:24

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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



Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State																							
Client: Matador Production Company				Company: Ensolum LLC				Lab WO# E1002158				Job Number 23003-0002				<table border="1"> <tr> <td>1D</td> <td>2D</td> <td>3D</td> <td>Std</td> </tr> <tr> <td></td> <td></td> <td></td> <td>x</td> </tr> </table>				1D	2D	3D	Std				x	<table border="1"> <tr> <td>NM</td> <td>CO</td> <td>UT</td> <td>TX</td> </tr> <tr> <td>x</td> <td></td> <td></td> <td></td> </tr> </table>				NM	CO	UT	TX	x			
1D	2D	3D	Std																																				
			x																																				
NM	CO	UT	TX																																				
x																																							
Project: Grevey Com TB				Address: 3122 National Parks Hwy																																			
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220																																			
Address: 3122 National Parks Hwy				Phone: 575-988-0055																																			
City, State, Zip: Carlsbad NM, 88220				Email: agiovengo@ensolum.com																																			
Phone: 575-988-0055				Miscellaneous:																																			
Email: agiovengo@ensolum.com																																							
Sample Information								Analysis and Method								EPA Program																							
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number		DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA																				
																	Compliance	Y	or	N																			
																	PWSID #																						
																	Sample Temp			Remarks																			
11:18	2/11/2026	S	1	SS02 - 0'		1									X		1.9																						
12:06	2/11/2026	S	1	SS04 - 0'		2									X		1.5																						
12:03	2/11/2026	S	1	SS05 - 0'		3									X		1.2																						
11:53	2/11/2026	S	1	SS06 - 0'		4									X		1.1																						
11:56	2/11/2026	S	1	SS07 - 0'		5									X		2.2																						
12:49	2/11/2026	S	1	SS09 - 0'		6									X		1.8																						
14:22	2/11/2026	S	1	SS10 - 0'		7									X		1.1																						
12:56	2/11/2026	S	1	SS11 - 0'		8									X		1.3																						
Additional Instructions: cburton@ensolum.com, agiovengo@ensolum.com, chamilton@ensolum.com, iestrella@ensolum.com, jhinkle@ensolum.com, jgonzalez@ensolum.com, bmoir@ensolum.com, oaderinto@ensolum.com, akone@ensolum.com																																							
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																																							
Sampled by: Liane Linehan																																							
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: Y/N																					
Michelle Gonzales		2/12/26		711		Michelle Gonzales		2-12-26		0711		Marissa Gonzales		2-12-26		1245																							
Marissa Gonzales		2-12-26		1800		Johnny Archuleta		2-12-26		1800		Johnny Archuleta		2-12-26		0630																							
Johnny Archuleta		2-12-26		0330		Noe Soto		2-13-26		0630																													
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																																							
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																																							
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																																							

Envirotech Analytical Laboratory

Printed: 2/13/2026 7:53:09AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Matador Resources, LLC.	Date Received:	02/13/26 06:30	Work Order ID:	E602158
Phone:	(972) 371-5200	Date Logged In:	02/12/26 15:29	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	02/19/26 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

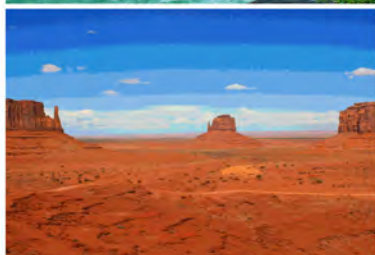
Date



envirotech Inc.

Report to:

Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name: Grevey Com TB

Work Order: E602256

Job Number: 23003-0002

Received: 2/23/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/27/26

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 2/27/26

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



Project Name: Grevey Com TB
Workorder: E602256
Date Received: 2/23/2026 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/23/2026 7:30:00AM, under the Project Name: Grevey Com TB.

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

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
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Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	6
Sample Data	8
SS05-1'	8
SS06-1'	9
SS07-1'	10
SS08-0'	11
SS08-1'	12
SS09-1'	13
SS10-1'	14
BH01-0'	15
BH01-0.5'	16
BH01-1'	17
BH01-2'	18
BH02-0'	19
BH02-0.5'	20
BH02-1'	21
BH02-2'	22
BH03-0'	23
BH03-0.5'	24
BH03-1'	25
BH03-2'	26
BH04-0'	27

Table of Contents (continued)

BH04-0.5'	28
BH04-1'	29
BH04-3'	30
BH04-5'	31
BH04-7'	32
BH04-9'	33
BH04-11'	34
BH04-13'	35
BH04-15'	36
BH04-17'	37
BH05-0'	38
BH05-0.5'	39
BH05-1'	40
BH05-2'	41
BH06-0'	42
BH06-0.5'	43
BH06-1'	44
BH06-2'	45
BH06-3'	46
BH06-4'	47
BH07-0'	48
BH07-0.5'	49
BH07-1'	50
BH07-2'	51
BH08-0'	52

Table of Contents (continued)

BH08-0.5'	53
BH08-1'	54
BH08-2'	55
QC Summary Data	56
QC - Volatile Organics by EPA 8021B	56
QC - Nonhalogenated Organics by EPA 8015D - GRO	59
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	62
QC - Anions by EPA 300.0/9056A	65
Definitions and Notes	68
Chain of Custody etc.	69

Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Grevey Com TB Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 02/27/26 16:27
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS05-1'	E602256-01A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
SS06-1'	E602256-02A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
SS07-1'	E602256-03A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
SS08-0'	E602256-04A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
SS08-1'	E602256-05A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
SS09-1'	E602256-06A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
SS10-1'	E602256-07A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
BH01-0'	E602256-08A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
BH01-0.5'	E602256-09A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
BH01-1'	E602256-10A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
BH01-2'	E602256-11A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
BH02-0'	E602256-12A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
BH02-0.5'	E602256-13A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
BH02-1'	E602256-14A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
BH02-2'	E602256-15A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
BH03-0'	E602256-16A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
BH03-0.5'	E602256-17A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
BH03-1'	E602256-18A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
BH03-2'	E602256-19A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
BH04-0'	E602256-20A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
BH04-0.5'	E602256-21A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
BH04-1'	E602256-22A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
BH04-3'	E602256-23A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
BH04-5'	E602256-24A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
BH04-7'	E602256-25A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
BH04-9'	E602256-26A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
BH04-11'	E602256-27A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
BH04-13'	E602256-28A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
BH04-15'	E602256-29A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
BH04-17'	E602256-30A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
BH05-0'	E602256-31A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
BH05-0.5'	E602256-32A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
BH05-1'	E602256-33A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
BH05-2'	E602256-34A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
BH06-0'	E602256-35A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
BH06-0.5'	E602256-36A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
BH06-1'	E602256-37A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
BH06-2'	E602256-38A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
BH06-3'	E602256-39A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
BH06-4'	E602256-40A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.



Sample Summary

Matador Resources, LLC.

5400 LBJ Freeway, Suite 1500

Dallas TX, 75240

Project Name:

Grevey Com TB

Project Number:

23003-0002

Project Manager:

Ashley Giovengo

Reported:

02/27/26 16:27

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH07-0'	E602256-41A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
BH07-0.5'	E602256-42A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
BH07-1'	E602256-43A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
BH07-2'	E602256-44A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
BH08-0'	E602256-45A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
BH08-0.5'	E602256-46A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
BH08-1'	E602256-47A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.
BH08-2'	E602256-48A	Soil	02/17/26	02/23/26	Glass Jar, 2 oz.



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

SS05-1'

E602256-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB		Batch: 2609017	
Benzene	ND	0.0250	1	02/23/26	02/23/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/23/26	
Toluene	ND	0.0250	1	02/23/26	02/23/26	
o-Xylene	0.0719	0.0250	1	02/23/26	02/23/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/23/26	
Total Xylenes	0.0719	0.0250	1	02/23/26	02/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	<i>95.7 %</i>	<i>70-130</i>		<i>02/23/26</i>	<i>02/23/26</i>	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB		Batch: 2609017	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	<i>95.2 %</i>	<i>70-130</i>		<i>02/23/26</i>	<i>02/23/26</i>	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2609020	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/23/26	02/24/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/23/26	02/24/26	
<i>Surrogate: n-Nonane</i>	<i>101 %</i>	<i>61-141</i>		<i>02/23/26</i>	<i>02/24/26</i>	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2609051	
Chloride	ND	20.0	1	02/24/26	02/25/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

SS06-1'

E602256-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609017
Benzene	ND	0.0250	1	02/23/26	02/23/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/23/26	
Toluene	ND	0.0250	1	02/23/26	02/23/26	
o-Xylene	ND	0.0250	1	02/23/26	02/23/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/23/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.7 %	70-130		02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609017
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.2 %	70-130		02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2609020
Diesel Range Organics (C10-C28)	ND	25.0	1	02/23/26	02/24/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/23/26	02/24/26	
<i>Surrogate: n-Nonane</i>						
	100 %	61-141		02/23/26	02/24/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2609051
Chloride	ND	20.0	1	02/24/26	02/25/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

SS07-1'

E602256-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609017
Benzene	ND	0.0250	1	02/23/26	02/23/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/23/26	
Toluene	ND	0.0250	1	02/23/26	02/23/26	
o-Xylene	ND	0.0250	1	02/23/26	02/23/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/23/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.1 %	70-130		02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609017
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.9 %	70-130		02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2609020
Diesel Range Organics (C10-C28)	ND	25.0	1	02/23/26	02/24/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/23/26	02/24/26	
<i>Surrogate: n-Nonane</i>						
	105 %	61-141		02/23/26	02/24/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2609051
Chloride	ND	20.0	1	02/24/26	02/25/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

SS08-0'

E602256-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609017
Benzene	ND	0.0250	1	02/23/26	02/23/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/23/26	
Toluene	ND	0.0250	1	02/23/26	02/23/26	
o-Xylene	ND	0.0250	1	02/23/26	02/23/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/23/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.6 %	70-130		02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609017
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.2 %	70-130		02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2609020
Diesel Range Organics (C10-C28)	ND	25.0	1	02/23/26	02/24/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/23/26	02/24/26	
<i>Surrogate: n-Nonane</i>						
	102 %	61-141		02/23/26	02/24/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2609051
Chloride	137	20.0	1	02/24/26	02/25/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

SS08-1'

E602256-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609017
Benzene	ND	0.0250	1	02/23/26	02/23/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/23/26	
Toluene	ND	0.0250	1	02/23/26	02/23/26	
o-Xylene	ND	0.0250	1	02/23/26	02/23/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/23/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.7 %	70-130		02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609017
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.8 %	70-130		02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2609020
Diesel Range Organics (C10-C28)	ND	25.0	1	02/23/26	02/24/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/23/26	02/24/26	
<i>Surrogate: n-Nonane</i>						
	103 %	61-141		02/23/26	02/24/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2609051
Chloride	ND	20.0	1	02/24/26	02/25/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

SS09-1'

E602256-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609017
Benzene	ND	0.0250	1	02/23/26	02/23/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/23/26	
Toluene	ND	0.0250	1	02/23/26	02/23/26	
o-Xylene	ND	0.0250	1	02/23/26	02/23/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/23/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.1 %	70-130		02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609017
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.6 %	70-130		02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2609020
Diesel Range Organics (C10-C28)	ND	25.0	1	02/23/26	02/24/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/23/26	02/24/26	
<i>Surrogate: n-Nonane</i>						
	105 %	61-141		02/23/26	02/24/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2609051
Chloride	ND	20.0	1	02/24/26	02/25/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

SS10-1'

E602256-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609017
Benzene	ND	0.0250	1	02/23/26	02/23/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/23/26	
Toluene	ND	0.0250	1	02/23/26	02/23/26	
o-Xylene	ND	0.0250	1	02/23/26	02/23/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/23/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.6 %	70-130		02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609017
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.6 %	70-130		02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2609020
Diesel Range Organics (C10-C28)	ND	25.0	1	02/23/26	02/24/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/23/26	02/24/26	
<i>Surrogate: n-Nonane</i>						
	104 %	61-141		02/23/26	02/24/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2609051
Chloride	ND	20.0	1	02/24/26	02/25/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

BH01-0'

E602256-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: MB		Batch: 2609017	
Benzene	ND	0.0250	1	02/23/26	02/23/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/23/26	
Toluene	ND	0.0250	1	02/23/26	02/23/26	
o-Xylene	ND	0.0250	1	02/23/26	02/23/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/23/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.6 %	70-130		02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: MB		Batch: 2609017	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.0 %	70-130		02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2609020	
Diesel Range Organics (C10-C28)	5790	25.0	1	02/23/26	02/24/26	
Oil Range Organics (C28-C36)	2450	50.0	1	02/23/26	02/24/26	
<i>Surrogate: n-Nonane</i>						
	98.0 %	61-141		02/23/26	02/24/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2609051	
Chloride	5830	100	5	02/24/26	02/25/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

BH01-0.5'

E602256-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609017
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.6 %	70-130		02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609017
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.2 %	70-130		02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2609020
Diesel Range Organics (C10-C28)	96.5	25.0	1	02/23/26	02/24/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/23/26	02/24/26	
<i>Surrogate: n-Nonane</i>						
	101 %	61-141		02/23/26	02/24/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2609051
Chloride	2760	40.0	2	02/24/26	02/26/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

BH01-1'

E602256-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609017
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.7 %	70-130		02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609017
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.0 %	70-130		02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2609020
Diesel Range Organics (C10-C28)	72.4	25.0	1	02/23/26	02/24/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/23/26	02/24/26	
<i>Surrogate: n-Nonane</i>						
	104 %	61-141		02/23/26	02/24/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2609051
Chloride	458	20.0	1	02/24/26	02/26/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

BH01-2'

E602256-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609017
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.9 %	70-130		02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609017
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.7 %	70-130		02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2609020
Diesel Range Organics (C10-C28)	ND	25.0	1	02/23/26	02/24/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/23/26	02/24/26	
<i>Surrogate: n-Nonane</i>						
	103 %	61-141		02/23/26	02/24/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2609051
Chloride	31.8	20.0	1	02/24/26	02/25/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

BH02-0'

E602256-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: MB		Batch: 2609017	
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.6 %	70-130		02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: MB		Batch: 2609017	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.7 %	70-130		02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2609020	
Diesel Range Organics (C10-C28)	210	25.0	1	02/23/26	02/24/26	
Oil Range Organics (C28-C36)	130	50.0	1	02/23/26	02/24/26	
<i>Surrogate: n-Nonane</i>						
	104 %	61-141		02/23/26	02/24/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2609051	
Chloride	5640	100	5	02/24/26	02/26/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

BH02-0.5'

E602256-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609017
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.0 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609017
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.9 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2609020
Diesel Range Organics (C10-C28)	ND	25.0	1	02/23/26	02/24/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/23/26	02/24/26	
<i>Surrogate: n-Nonane</i>						
		103 %	61-141	02/23/26	02/24/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2609051
Chloride	224	20.0	1	02/24/26	02/26/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

BH02-1'

E602256-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609017
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.1 %	70-130		02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609017
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.6 %	70-130		02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2609020
Diesel Range Organics (C10-C28)	ND	25.0	1	02/23/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/23/26	02/25/26	
<i>Surrogate: n-Nonane</i>						
	103 %	61-141		02/23/26	02/25/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2609051
Chloride	56.4	20.0	1	02/24/26	02/26/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

BH02-2'

E602256-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: MB		Batch: 2609017	
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.2 %	70-130		02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: MB		Batch: 2609017	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.5 %	70-130		02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2609020	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/23/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/23/26	02/25/26	
<i>Surrogate: n-Nonane</i>						
	105 %	61-141		02/23/26	02/25/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2609051	
Chloride	ND	20.0	1	02/24/26	02/26/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

BH03-0'

E602256-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609017
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.7 %	70-130		02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609017
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.4 %	70-130		02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2609020
Diesel Range Organics (C10-C28)	885	25.0	1	02/23/26	02/25/26	
Oil Range Organics (C28-C36)	494	50.0	1	02/23/26	02/25/26	
<i>Surrogate: n-Nonane</i>						
	104 %	61-141		02/23/26	02/25/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2609051
Chloride	4780	40.0	2	02/24/26	02/26/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

BH03-0.5'

E602256-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609017
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.0 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609017
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.3 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2609020
Diesel Range Organics (C10-C28)	ND	25.0	1	02/23/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/23/26	02/25/26	
<i>Surrogate: n-Nonane</i>						
		102 %	61-141	02/23/26	02/25/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2609051
Chloride	398	20.0	1	02/24/26	02/26/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

BH03-1'

E602256-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609017
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.5 %	70-130		02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609017
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.8 %	70-130		02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2609020
Diesel Range Organics (C10-C28)	ND	25.0	1	02/23/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/23/26	02/25/26	
<i>Surrogate: n-Nonane</i>						
	104 %	61-141		02/23/26	02/25/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2609051
Chloride	425	20.0	1	02/24/26	02/26/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

BH03-2'

E602256-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609017
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.5 %	70-130		02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609017
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.2 %	70-130		02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2609020
Diesel Range Organics (C10-C28)	ND	25.0	1	02/23/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/23/26	02/25/26	
<i>Surrogate: n-Nonane</i>						
	105 %	61-141		02/23/26	02/25/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2609051
Chloride	55.1	20.0	1	02/24/26	02/26/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

BH04-0'

E602256-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609017
Benzene	0.0306	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	0.910	0.0250	1	02/23/26	02/24/26	
Toluene	0.906	0.0250	1	02/23/26	02/24/26	
o-Xylene	1.91	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	5.18	0.0500	1	02/23/26	02/24/26	
Total Xylenes	7.09	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.6 %	70-130		02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609017
Gasoline Range Organics (C6-C10)	132	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	113 %	70-130		02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2609020
Diesel Range Organics (C10-C28)	12700	250	10	02/23/26	02/25/26	T9
Oil Range Organics (C28-C36)	4170	500	10	02/23/26	02/25/26	
<i>Surrogate: n-Nonane</i>						
	169 %	61-141		02/23/26	02/25/26	S5
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2609051
Chloride	10500	200	10	02/24/26	02/26/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

BH04-0.5'

E602256-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609022	
Benzene	0.137	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	2.14	0.0250	1	02/23/26	02/24/26	
Toluene	2.48	0.0250	1	02/23/26	02/24/26	
o-Xylene	6.30	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	14.4	0.0500	1	02/23/26	02/24/26	
Total Xylenes	20.7	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.4 %	70-130		02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609022	
Gasoline Range Organics (C6-C10)	322	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	112 %	70-130		02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2609028	
Diesel Range Organics (C10-C28)	15300	500	20	02/24/26	02/26/26	T9
Oil Range Organics (C28-C36)	4590	1000	20	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>						
	246 %	61-141		02/24/26	02/26/26	S5
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2609052	
Chloride	1970	40.0	2	02/24/26	02/25/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

BH04-1'

E602256-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609022	
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		108 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609022	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.0 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2609028	
Diesel Range Organics (C10-C28)	127	25.0	1	02/24/26	02/27/26	
Oil Range Organics (C28-C36)	61.5	50.0	1	02/24/26	02/27/26	
<i>Surrogate: n-Nonane</i>						
		100 %	61-141	02/24/26	02/27/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2609052	
Chloride	2890	40.0	2	02/24/26	02/25/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

BH04-3'

E602256-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609022	
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609022	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.5 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2609028	
Diesel Range Organics (C10-C28)	92.8	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	67.5	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>						
		102 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2609052	
Chloride	1730	20.0	1	02/24/26	02/25/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

BH04-5'

E602256-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609022	
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609022	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.1 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2609028	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>						
		101 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2609052	
Chloride	1060	20.0	1	02/24/26	02/25/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

BH04-7'

E602256-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609022	
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	0.0504	0.0500	1	02/23/26	02/24/26	
Total Xylenes	0.0504	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609022	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.8 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2609028	
Diesel Range Organics (C10-C28)	33.0	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>						
		103 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2609052	
Chloride	2090	20.0	1	02/24/26	02/25/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

BH04-9'

E602256-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609022	
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609022	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.3 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2609028	
Diesel Range Organics (C10-C28)	293	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	133	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>						
		101 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2609052	
Chloride	1650	20.0	1	02/24/26	02/25/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

BH04-11'

E602256-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609022	
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		106 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609022	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.3 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2609028	
Diesel Range Organics (C10-C28)	71.0	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>						
		100 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2609052	
Chloride	639	20.0	1	02/24/26	02/26/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

BH04-13'

E602256-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609022	
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609022	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.3 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2609028	
Diesel Range Organics (C10-C28)	125	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	61.2	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>						
		98.9 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2609052	
Chloride	535	20.0	1	02/24/26	02/26/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

BH04-15'

E602256-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609022	
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	0.0487	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	0.0959	0.0500	1	02/23/26	02/24/26	
Total Xylenes	0.145	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	106 %	70-130		02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609022	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.7 %	70-130		02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2609028	
Diesel Range Organics (C10-C28)	287	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	103	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>						
	102 %	61-141		02/24/26	02/25/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2609052	
Chloride	411	20.0	1	02/24/26	02/26/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

BH04-17'

E602256-30

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609022	
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	0.253	0.0250	1	02/23/26	02/24/26	
Toluene	0.113	0.0250	1	02/23/26	02/24/26	
o-Xylene	0.472	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	1.44	0.0500	1	02/23/26	02/24/26	
Total Xylenes	1.92	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		111 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609022	
Gasoline Range Organics (C6-C10)	49.4	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		105 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2609028	
Diesel Range Organics (C10-C28)	2330	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	807	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>						
		112 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2609052	
Chloride	1220	20.0	1	02/24/26	02/26/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

BH05-0'

E602256-31

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609022	
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	0.0278	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	0.0545	0.0500	1	02/23/26	02/24/26	
Total Xylenes	0.0822	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609022	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.5 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2609028	
Diesel Range Organics (C10-C28)	4210	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	2140	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>						
		98.7 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2609052	
Chloride	5390	100	5	02/24/26	02/25/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

BH05-0.5'

E602256-32

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609022	
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	105 %	70-130		02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609022	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.6 %	70-130		02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2609028	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/27/26	
<i>Surrogate: n-Nonane</i>						
	97.1 %	61-141		02/24/26	02/27/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2609052	
Chloride	77.9	20.0	1	02/24/26	02/26/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

BH05-1'

E602256-33

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609022	
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609022	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.3 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2609028	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>						
		100 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2609052	
Chloride	97.5	20.0	1	02/24/26	02/26/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

BH05-2'

E602256-34

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609022	
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609022	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.2 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2609028	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>						
		98.6 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2609052	
Chloride	22.9	20.0	1	02/24/26	02/26/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

BH06-0'

E602256-35

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609022	
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609022	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.9 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2609028	
Diesel Range Organics (C10-C28)	102	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	59.7	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>						
		104 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2609052	
Chloride	4960	100	5	02/24/26	02/26/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

BH06-0.5'

E602256-36

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609022	
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609022	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.8 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2609028	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>						
		101 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2609052	
Chloride	930	20.0	1	02/24/26	02/26/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

BH06-1'

E602256-37

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609022	
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		106 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609022	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		100 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2609028	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>						
		102 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2609052	
Chloride	1360	20.0	1	02/24/26	02/26/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

BH06-2'

E602256-38

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609022	
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		107 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609022	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.9 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2609028	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>						
		99.1 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2609052	
Chloride	1200	20.0	1	02/24/26	02/26/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

BH06-3'

E602256-39

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609022	
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		108 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609022	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.3 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2609028	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>						
		101 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2609052	
Chloride	481	20.0	1	02/24/26	02/26/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

BH06-4'

E602256-40

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609022	
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		108 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609022	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.3 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2609028	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>						
		100 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2609052	
Chloride	145	20.0	1	02/24/26	02/26/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

BH07-0'

E602256-41

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609005	
Benzene	ND	0.0250	1	02/23/26	02/23/26	
Ethylbenzene	0.111	0.0250	1	02/23/26	02/23/26	
Toluene	ND	0.0250	1	02/23/26	02/23/26	
o-Xylene	0.465	0.0250	1	02/23/26	02/23/26	
p,m-Xylene	0.930	0.0500	1	02/23/26	02/23/26	
Total Xylenes	1.39	0.0250	1	02/23/26	02/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		113 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609005	
Gasoline Range Organics (C6-C10)	36.2	20.0	1	02/23/26	02/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		101 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2609008	
Diesel Range Organics (C10-C28)	12400	250	10	02/23/26	02/25/26	
Oil Range Organics (C28-C36)	4770	500	10	02/23/26	02/25/26	
<i>Surrogate: n-Nonane</i>						
		118 %	61-141	02/23/26	02/25/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2609018	
Chloride	9780	200	10	02/23/26	02/24/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

BH07-0.5'

E602256-42

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609005	
Benzene	ND	0.0250	1	02/23/26	02/23/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/23/26	
Toluene	ND	0.0250	1	02/23/26	02/23/26	
o-Xylene	ND	0.0250	1	02/23/26	02/23/26	
p,m-Xylene	0.0503	0.0500	1	02/23/26	02/23/26	
Total Xylenes	0.0503	0.0250	1	02/23/26	02/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		111 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.7 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2609008	
Diesel Range Organics (C10-C28)	387	25.0	1	02/23/26	02/25/26	
Oil Range Organics (C28-C36)	183	50.0	1	02/23/26	02/25/26	
<i>Surrogate: n-Nonane</i>						
		85.3 %	61-141	02/23/26	02/25/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2609018	
Chloride	606	20.0	1	02/23/26	02/24/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

BH07-1'

E602256-43

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2609005
Benzene	ND	0.0250	1	02/23/26	02/23/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/23/26	
Toluene	ND	0.0250	1	02/23/26	02/23/26	
o-Xylene	ND	0.0250	1	02/23/26	02/23/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/23/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		110 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2609005
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.6 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2609008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/23/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/23/26	02/25/26	
<i>Surrogate: n-Nonane</i>						
		91.7 %	61-141	02/23/26	02/25/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2609018
Chloride	56.2	20.0	1	02/23/26	02/24/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

BH07-2'

E602256-44

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609005	
Benzene	ND	0.0250	1	02/23/26	02/23/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/23/26	
Toluene	ND	0.0250	1	02/23/26	02/23/26	
o-Xylene	ND	0.0250	1	02/23/26	02/23/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/23/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		111 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.7 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2609008	
Diesel Range Organics (C10-C28)	25.5	25.0	1	02/23/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/23/26	02/25/26	
<i>Surrogate: n-Nonane</i>						
		92.0 %	61-141	02/23/26	02/25/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2609018	
Chloride	251	20.0	1	02/23/26	02/24/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

BH08-0'

E602256-45

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609005	
Benzene	ND	0.0250	1	02/23/26	02/23/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/23/26	
Toluene	ND	0.0250	1	02/23/26	02/23/26	
o-Xylene	ND	0.0250	1	02/23/26	02/23/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/23/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		112 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.4 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2609008	
Diesel Range Organics (C10-C28)	474	25.0	1	02/23/26	02/24/26	
Oil Range Organics (C28-C36)	255	50.0	1	02/23/26	02/24/26	
<i>Surrogate: n-Nonane</i>						
		91.5 %	61-141	02/23/26	02/24/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2609018	
Chloride	9530	200	10	02/23/26	02/24/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

BH08-0.5'

E602256-46

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609005	
Benzene	ND	0.0250	1	02/23/26	02/23/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/23/26	
Toluene	ND	0.0250	1	02/23/26	02/23/26	
o-Xylene	ND	0.0250	1	02/23/26	02/23/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/23/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		110 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		101 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2609008	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/23/26	02/24/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/23/26	02/24/26	
<i>Surrogate: n-Nonane</i>						
		90.2 %	61-141	02/23/26	02/24/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2609018	
Chloride	151	20.0	1	02/23/26	02/25/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

BH08-1'

E602256-47

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609005	
Benzene	ND	0.0250	1	02/23/26	02/23/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/23/26	
Toluene	ND	0.0250	1	02/23/26	02/23/26	
o-Xylene	ND	0.0250	1	02/23/26	02/23/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/23/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		110 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.2 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2609008	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/23/26	02/24/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/23/26	02/24/26	
<i>Surrogate: n-Nonane</i>						
		90.3 %	61-141	02/23/26	02/24/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2609018	
Chloride	38.7	20.0	1	02/23/26	02/25/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
2/27/2026 4:27:55PM

BH08-2'

E602256-48

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609005	
Benzene	ND	0.0250	1	02/23/26	02/23/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/23/26	
Toluene	ND	0.0250	1	02/23/26	02/23/26	
o-Xylene	ND	0.0250	1	02/23/26	02/23/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/23/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		109 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2609005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.8 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2609008	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/23/26	02/24/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/23/26	02/24/26	
<i>Surrogate: n-Nonane</i>						
		91.3 %	61-141	02/23/26	02/24/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2609018	
Chloride	27.2	20.0	1	02/23/26	02/25/26	



QC Summary Data

Matador Resources, LLC.	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/27/2026 4:27:55PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2609005-BLK1) Prepared: 02/23/26 Analyzed: 02/23/26

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.69		8.00		109	70-130			

LCS (2609005-BS1) Prepared: 02/23/26 Analyzed: 02/23/26

Benzene	4.94	0.0250	5.00		98.7	70-130			
Ethylbenzene	4.74	0.0250	5.00		94.7	70-130			
Toluene	4.84	0.0250	5.00		96.8	70-130			
o-Xylene	4.84	0.0250	5.00		96.9	70-130			
p,m-Xylene	9.69	0.0500	10.0		96.9	70-130			
Total Xylenes	14.5	0.0250	15.0		96.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.74		8.00		109	70-130			

Matrix Spike (2609005-MS1) Source: E602251-11 Prepared: 02/23/26 Analyzed: 02/23/26

Benzene	4.96	0.0250	5.00	ND	99.3	70-130			
Ethylbenzene	4.77	0.0250	5.00	ND	95.4	70-130			
Toluene	4.87	0.0250	5.00	ND	97.4	70-130			
o-Xylene	4.87	0.0250	5.00	ND	97.5	70-130			
p,m-Xylene	9.76	0.0500	10.0	ND	97.6	70-130			
Total Xylenes	14.6	0.0250	15.0	ND	97.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.84		8.00		110	70-130			

Matrix Spike Dup (2609005-MSD1) Source: E602251-11 Prepared: 02/23/26 Analyzed: 02/23/26

Benzene	4.75	0.0250	5.00	ND	95.1	70-130	4.36	27	
Ethylbenzene	4.59	0.0250	5.00	ND	91.7	70-130	3.94	26	
Toluene	4.68	0.0250	5.00	ND	93.5	70-130	4.04	20	
o-Xylene	4.70	0.0250	5.00	ND	94.0	70-130	3.61	25	
p,m-Xylene	9.38	0.0500	10.0	ND	93.8	70-130	3.93	23	
Total Xylenes	14.1	0.0250	15.0	ND	93.9	70-130	3.82	26	
Surrogate: 4-Bromochlorobenzene-PID	8.87		8.00		111	70-130			



QC Summary Data

Matador Resources, LLC.	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/27/2026 4:27:55PM

Volatile Organics by EPA 8021B

Analyst: MB

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2609017-BLK1)

Prepared: 02/23/26 Analyzed: 02/24/26

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.54		8.00		94.2	70-130			

LCS (2609017-BS1)

Prepared: 02/23/26 Analyzed: 02/23/26

Benzene	4.36	0.0250	5.00		87.2	70-130			
Ethylbenzene	4.09	0.0250	5.00		81.9	70-130			
Toluene	4.25	0.0250	5.00		85.0	70-130			
o-Xylene	4.17	0.0250	5.00		83.4	70-130			
p,m-Xylene	8.40	0.0500	10.0		84.0	70-130			
Total Xylenes	12.6	0.0250	15.0		83.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.81		8.00		97.6	70-130			

Matrix Spike (2609017-MS1)

Source: E602256-08

Prepared: 02/23/26 Analyzed: 02/23/26

Benzene	4.85	0.0250	5.00	ND	97.0	70-130			
Ethylbenzene	4.56	0.0250	5.00	ND	91.2	70-130			
Toluene	4.74	0.0250	5.00	ND	94.7	70-130			
o-Xylene	4.67	0.0250	5.00	ND	93.3	70-130			
p,m-Xylene	9.33	0.0500	10.0	ND	93.3	70-130			
Total Xylenes	14.0	0.0250	15.0	ND	93.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.70		8.00		96.3	70-130			

Matrix Spike Dup (2609017-MSD1)

Source: E602256-08

Prepared: 02/23/26 Analyzed: 02/23/26

Benzene	4.58	0.0250	5.00	ND	91.6	70-130	5.71	27	
Ethylbenzene	4.33	0.0250	5.00	ND	86.5	70-130	5.34	26	
Toluene	4.48	0.0250	5.00	ND	89.6	70-130	5.51	20	
o-Xylene	4.42	0.0250	5.00	ND	88.5	70-130	5.29	25	
p,m-Xylene	8.85	0.0500	10.0	ND	88.5	70-130	5.29	23	
Total Xylenes	13.3	0.0250	15.0	ND	88.5	70-130	5.29	26	
Surrogate: 4-Bromochlorobenzene-PID	7.57		8.00		94.6	70-130			



QC Summary Data

Matador Resources, LLC.	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/27/2026 4:27:55PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2609022-BLK1)

Prepared: 02/23/26 Analyzed: 02/24/26

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.54		8.00		107	70-130			

LCS (2609022-BS1)

Prepared: 02/23/26 Analyzed: 02/24/26

Benzene	4.75	0.0250	5.00		95.0	70-130			
Ethylbenzene	4.54	0.0250	5.00		90.7	70-130			
Toluene	4.66	0.0250	5.00		93.1	70-130			
o-Xylene	4.63	0.0250	5.00		92.7	70-130			
p,m-Xylene	9.27	0.0500	10.0		92.7	70-130			
Total Xylenes	13.9	0.0250	15.0		92.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.53		8.00		107	70-130			

Matrix Spike (2609022-MS1)

Source: E602256-27

Prepared: 02/23/26 Analyzed: 02/24/26

Benzene	5.03	0.0250	5.00	ND	101	70-130			
Ethylbenzene	4.79	0.0250	5.00	ND	95.7	70-130			
Toluene	4.92	0.0250	5.00	ND	98.3	70-130			
o-Xylene	4.89	0.0250	5.00	ND	97.7	70-130			
p,m-Xylene	9.77	0.0500	10.0	ND	97.7	70-130			
Total Xylenes	14.7	0.0250	15.0	ND	97.7	70-130			

Matrix Spike Dup (2609022-MSD1)

Source: E602256-27

Prepared: 02/23/26 Analyzed: 02/24/26

Benzene	4.96	0.0250	5.00	ND	99.2	70-130	1.38	27	
Ethylbenzene	4.73	0.0250	5.00	ND	94.7	70-130	1.09	26	
Toluene	4.85	0.0250	5.00	ND	96.9	70-130	1.45	20	
o-Xylene	4.83	0.0250	5.00	ND	96.6	70-130	1.18	25	
p,m-Xylene	9.65	0.0500	10.0	ND	96.5	70-130	1.24	23	
Total Xylenes	14.5	0.0250	15.0	ND	96.5	70-130	1.22	26	
Surrogate: 4-Bromochlorobenzene-PID	8.54		8.00		107	70-130			



QC Summary Data

Matador Resources, LLC.	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/27/2026 4:27:55PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2609005-BLK1)

Prepared: 02/23/26 Analyzed: 02/23/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.04		8.00		100	70-130			

LCS (2609005-BS2)

Prepared: 02/23/26 Analyzed: 02/23/26

Gasoline Range Organics (C6-C10)	57.0	20.0	50.0		114	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.16		8.00		102	70-130			

Matrix Spike (2609005-MS2)

Source: E602251-11

Prepared: 02/23/26 Analyzed: 02/23/26

Gasoline Range Organics (C6-C10)	57.4	20.0	50.0	ND	115	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.01		8.00		100	70-130			

Matrix Spike Dup (2609005-MSD2)

Source: E602251-11

Prepared: 02/23/26 Analyzed: 02/23/26

Gasoline Range Organics (C6-C10)	58.4	20.0	50.0	ND	117	70-130	1.76	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.13		8.00		102	70-130			



QC Summary Data

Matador Resources, LLC.	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/27/2026 4:27:55PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: MB

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2609017-BLK1)

Prepared: 02/23/26 Analyzed: 02/24/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.86		8.00		98.3	70-130			

LCS (2609017-BS2)

Prepared: 02/23/26 Analyzed: 02/23/26

Gasoline Range Organics (C6-C10)	46.1	20.0	50.0		92.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.48		8.00		93.5	70-130			

Matrix Spike (2609017-MS2)

Source: E602256-08

Prepared: 02/23/26 Analyzed: 02/23/26

Gasoline Range Organics (C6-C10)	57.5	20.0	50.0	ND	115	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.78		8.00		97.3	70-130			

Matrix Spike Dup (2609017-MSD2)

Source: E602256-08

Prepared: 02/23/26 Analyzed: 02/23/26

Gasoline Range Organics (C6-C10)	58.7	20.0	50.0	ND	117	70-130	2.02	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.6	70-130			



QC Summary Data

Matador Resources, LLC.	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/27/2026 4:27:55PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2609022-BLK1) Prepared: 02/23/26 Analyzed: 02/24/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.96		8.00		99.5	70-130			

LCS (2609022-BS2) Prepared: 02/23/26 Analyzed: 02/24/26

Gasoline Range Organics (C6-C10)	63.1	20.0	50.0		126	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.15		8.00		102	70-130			

Matrix Spike (2609022-MS2) Source: E602256-27 Prepared: 02/23/26 Analyzed: 02/24/26

Gasoline Range Organics (C6-C10)	54.5	20.0	50.0	ND	109	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.05		8.00		101	70-130			

Matrix Spike Dup (2609022-MSD2) Source: E602256-27 Prepared: 02/23/26 Analyzed: 02/24/26

Gasoline Range Organics (C6-C10)	56.7	20.0	50.0	ND	113	70-130	3.90	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.03		8.00		100	70-130			



QC Summary Data

Matador Resources, LLC.	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/27/2026 4:27:55PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2609008-BLK1)					Prepared: 02/23/26 Analyzed: 02/23/26				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	44.0		50.0		88.0	61-141			

LCS (2609008-BS1)					Prepared: 02/23/26 Analyzed: 02/23/26				
Diesel Range Organics (C10-C28)	250	25.0	250		99.8	66-144			
Surrogate: n-Nonane	43.5		50.0		87.0	61-141			

Matrix Spike (2609008-MS1)					Source: E602251-03		Prepared: 02/23/26 Analyzed: 02/23/26		
Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	56-156			
Surrogate: n-Nonane	44.2		50.0		88.4	61-141			

Matrix Spike Dup (2609008-MSD1)					Source: E602251-03		Prepared: 02/23/26 Analyzed: 02/23/26		
Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	56-156	0.0349	20	
Surrogate: n-Nonane	44.5		50.0		89.0	61-141			



QC Summary Data

Matador Resources, LLC.	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/27/2026 4:27:55PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2609020-BLK1)

Prepared: 02/23/26 Analyzed: 02/24/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.8		50.0		99.6	61-141			

LCS (2609020-BS1)

Prepared: 02/23/26 Analyzed: 02/24/26

Diesel Range Organics (C10-C28)	260	25.0	250		104	66-144			
Surrogate: n-Nonane	50.3		50.0		101	61-141			

Matrix Spike (2609020-MS1)

Source: E602256-05

Prepared: 02/23/26 Analyzed: 02/24/26

Diesel Range Organics (C10-C28)	257	25.0	250	ND	103	56-156			
Surrogate: n-Nonane	50.7		50.0		101	61-141			

Matrix Spike Dup (2609020-MSD1)

Source: E602256-05

Prepared: 02/23/26 Analyzed: 02/24/26

Diesel Range Organics (C10-C28)	273	25.0	250	ND	109	56-156	6.33	20	
Surrogate: n-Nonane	51.8		50.0		104	61-141			



QC Summary Data

Matador Resources, LLC.	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/27/2026 4:27:55PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2609028-BLK1)					Prepared: 02/24/26 Analyzed: 02/25/26				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.3		50.0		98.6	61-141			

LCS (2609028-BS1)					Prepared: 02/24/26 Analyzed: 02/25/26				
Diesel Range Organics (C10-C28)	253	25.0	250		101	66-144			
Surrogate: n-Nonane	49.5		50.0		99.1	61-141			

Matrix Spike (2609028-MS1)					Source: E602256-27		Prepared: 02/24/26 Analyzed: 02/25/26		
Diesel Range Organics (C10-C28)	319	25.0	250	71.0	99.0	56-156			
Surrogate: n-Nonane	51.3		50.0		103	61-141			

Matrix Spike Dup (2609028-MSD1)					Source: E602256-27		Prepared: 02/24/26 Analyzed: 02/25/26		
Diesel Range Organics (C10-C28)	368	25.0	250	71.0	119	56-156	14.5	20	
Surrogate: n-Nonane	50.1		50.0		100	61-141			



QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Grevey Com TB Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/27/2026 4:27:55PM
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Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2609018-BLK1)					Prepared: 02/23/26 Analyzed: 02/24/26				
Chloride	ND	20.0							
LCS (2609018-BS1)					Prepared: 02/23/26 Analyzed: 02/24/26				
Chloride	260	20.0	250		104	90-110			
Matrix Spike (2609018-MS1)					Source: E602252-05		Prepared: 02/23/26 Analyzed: 02/24/26		
Chloride	3360	40.0	250	2510	342	80-120			M4
Matrix Spike Dup (2609018-MSD1)					Source: E602252-05		Prepared: 02/23/26 Analyzed: 02/24/26		
Chloride	3160	40.0	250	2510	260	80-120	6.27	20	M4



QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Grevey Com TB Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/27/2026 4:27:55PM
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Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2609051-BLK1)					Prepared: 02/24/26 Analyzed: 02/25/26				
Chloride	ND	20.0							
LCS (2609051-BS1)					Prepared: 02/24/26 Analyzed: 02/25/26				
Chloride	268	20.0	250		107	90-110			
Matrix Spike (2609051-MS1)					Source: E602256-11		Prepared: 02/24/26 Analyzed: 02/25/26		
Chloride	296	20.0	250	31.8	106	80-120			
Matrix Spike Dup (2609051-MSD1)					Source: E602256-11		Prepared: 02/24/26 Analyzed: 02/25/26		
Chloride	296	20.0	250	31.8	106	80-120	0.0145	20	



QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Grevey Com TB Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/27/2026 4:27:55PM
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Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2609052-BLK1)					Prepared: 02/24/26 Analyzed: 02/25/26				
Chloride	ND	20.0							
LCS (2609052-BS1)					Prepared: 02/24/26 Analyzed: 02/25/26				
Chloride	259	20.0	250		104	90-110			
Matrix Spike (2609052-MS1)					Source: E602256-31		Prepared: 02/24/26 Analyzed: 02/25/26		
Chloride	5660	100	250	5390	108	80-120			
Matrix Spike Dup (2609052-MSD1)					Source: E602256-31		Prepared: 02/24/26 Analyzed: 02/25/26		
Chloride	5720	100	250	5390	134	80-120	1.14	20	M4

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:	Grevey Com TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	02/27/26 16:27

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.

S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.

T9 DRO includes undifferentiated early eluting analytes characteristic of GRO.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Client Information				Invoice Information				Lab Use Only				TAT				State							
Client: Matador Production Company				Company: Ensolum LLC				Lab WO# <u>EL00256</u>				Job Number <u>23003-0002</u>				1D 2D 3D Std							
Project: Grevey Com TB				Address: 3122 National Parks Hwy												NM CO UT TX							
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220												x							
Address: 3122 National Parks Hwy				Phone: 575-988-0055																			
City, State, Zip: Carlsbad NM, 88220				Email: agiovengo@ensolum.com																			
Phone: 575-988-0055				Miscellaneous:																			
Email: agiovengo@ensolum.com																							
Sample Information										Analysis and Method										EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA					
12:57	2/17/2026	S	1	SS05 - 1'		1								X									
12:55	2/17/2026	S	1	SS06 - 1'		2								X									
13:05	2/17/2026	S	1	SS07 - 1'		3								X									
12:36	2/17/2026	S	1	SS08 - 0'		4								X									
13:13	2/17/2026	S	1	SS08 - 1'		5								X									
13:03	2/17/2026	S	1	SS09 - 1'		6								X									
13:02	2/17/2026	S	1	SS10 - 1'		7								X									
10:20	2/17/2026	S	1	BH01 - 0'		8								X									
10:21	2/17/2026	S	1	BH01 - 0.5'		9								X									
10:22	2/17/2026	S	1	BH01 - 1'		10								X									
Additional Instructions: cburton@ensolum.com, agiovengo@ensolum.com, chamliton@ensolum.com, iestrella@ensoulm.com, jhinkle@ensolum.com, jgonzalez@ensolum.com, bmoir@ensolum.com, oaderinto@ensolum.com, akone@ensolum.com																							
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																							
Sampled by: <u>Jared McCauley, Lyllinn Lewis</u>																							
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <u>(Y)</u> N															
<u>Michelle Gonzales</u>		2/20/26	11:30	<u>Michelle Gonzales</u>		2/20/26	11:30																
<u>Michelle Gonzales</u>		2/20/26	1315	<u>Nathan Gonzales</u>		2/20/26	1315																
<u>Nathan Gonzales</u>		2/20/26	2045	<u>Johnny Archuleta</u>		2/20/26	2045																
<u>Johnny Archuleta</u>		2/20/26	2300	<u>Carla Man</u>		2/23/26	730																
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time																
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time																
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____																							
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																							
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																							

Client Information				Invoice Information				Lab Use Only						TAT				State			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number				1D	2D	3D	Std	NM	CO	UT	TX
Project: Grevey Com TB				Address: 3122 National Parks Hwy				EC022510		2303-0002							x	X			
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220																	
Address: 3122 National Parks Hwy				Phone: 575-988-0055																	
City, State, Zip: Carlsbad NM, 88220				Email: agiovengo@ensolum.com																	
Phone: 575-988-0055				Miscellaneous:																	
Email: agiovengo@ensolum.com																					
Sample Information							Analysis and Method										EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BEDOC - NM	BEDOC - TX	SDWA	CWA	RCRA			
																	Compliance	Y	or N		
																	PWSID #				
																	Samle Temp		Remarks		
10:34	2/17/2026	S	1	BH04 - 0.5'		21								X			4.2				
10:36	2/17/2026	S	1	BH04 - 1'		22								X			4.0				
11:00	2/17/2026	S	1	BH04 - 3'		23								X			4.0				
12:10	2/17/2026	S	1	BH04 - 5'		24								X			3.9				
12:44	2/17/2026	S	1	BH04 - 7'		25								X			3.6				
12:47	2/17/2026	S	1	BH04 - 9'		26								X			4.2				
12:50	2/17/2026	S	1	BH04 - 11'		27								X			4.0				
12:55	2/17/2026	S	1	BH04 - 13'		28								X			3.4				
13:35	2/17/2026	S	1	BH04 - 15'		29								X			3.8				
13:55	2/17/2026	S	1	BH04 - 17'		30								X			3.6				
Additional Instructions: cburton@ensolum.com, agiovengo@ensolum.com, chamilton@ensolum.com, iestrella@ensoulm.com, jhinkle@ensolum.com, jgonzalez@ensolum.com, bmoir@ensolum.com, oaderinto@ensolum.com, akone@ensolum.com																					
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																					
Sampled by: Jarad McCauley, Lylinn Lewis																					
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: YN			
		2/20/26		11:30		Michelle Gonzales		2-20-26		1130											
Michelle Gonzales		2-20-26		1315		Nathan Gonzales		2-20-26		1315											
Nathan Gonzales		2-20-26		2045		Johnny Archuleta		2-20-26		2045											
Johnny Archuleta		2-20-26		2300		Erith Mann		2-23-26		730											
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Received by: (Signature)		Date		Time					
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																					
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																					
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																					

Client Information				Invoice Information				Lab Use Only				TAT				State							
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#				1D 2D 3D Std				NM CO UT TX							
Project: Grevey Com TB				Address: 3122 National Parks Hwy				E602256				Job Number				2303-0002							
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220																			
Address: 3122 National Parks Hwy				Phone: 575-988-0055																			
City, State, Zip: Carlsbad NM, 88220				Email: agiovengo@ensolum.com																			
Phone: 575-988-0055				Miscellaneous:																			
Email: agiovengo@ensolum.com																							
Sample Information												Analysis and Method								EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA				
10:33	2/17/2026	S	1	BH05 - 0'		31									X								
10:34	2/17/2026	S	1	BH05 - 0.5'		32									X								
10:37	2/17/2026	S	1	BH05 - 1'		33									X								
10:41	2/17/2026	S	1	BH05 - 2'		34									X								
10:40	2/17/2026	S	1	BH06 - 0'		35									X								
10:42	2/17/2026	S	1	BH06 - 0.5'		36									X								
10:44	2/17/2026	S	1	BH06 - 1'		37									X								
10:46	2/17/2026	S	1	BH06 - 2'		38									X								
10:48	2/17/2026	S	1	BH06 - 3'		39									X								
10:50	2/17/2026	S	1	BH06 - 4'		40									X								
Additional Instructions: cburton@ensolum.com, agiovengo@ensolum.com, chamilton@ensolum.com, iestrella@ensoulm.com, jhinkle@ensolum.com, jgonzalez@ensolum.com, bmoir@ensolum.com, oaderinto@ensolum.com, akone@ensolum.com																							
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																							
Sampled by: Jarad McCauley, Lyllinn Lewis																							
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temperature above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: Y N											
Michelle Gonzales		2-20-26		1315		Michelle Gonzales		2-20-26		1315													
Nathan Gonzales		2-20-26		2045		Johnny Archuleta		2-20-26		2045													
Johnny Archuleta		2-20-26		5300		Cathy Man		2-23-26		130													
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.																							

Client Information				Invoice Information		Lab Use Only		TAT		State								
Client: Matador Production Company				Company: Ensolum LLC		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX			
Project: Grevey Com TB				Address: 3122 National Parks Hwy		E0022510	23003-0002				x	x						
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220														
Address: 3122 National Parks Hwy				Phone: 575-988-0055														
City, State, Zip: Carlsbad NM, 88220				Email: agiovengo@ensolum.com														
Phone: 575-988-0055				Miscellaneous:														
Email: agiovengo@ensolum.com																		
Sample Information						Analysis and Method								EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA
10:36	2/17/2026	S	1	BH07- 0'		41								X				
10:42	2/17/2026	S	1	BH07 - 0.5'		42								X				
10:43	2/17/2026	S	1	BH07 - 1'		43								X				
10:44	2/17/2026	S	1	BH07 - 2'		44								X				
10:38	2/17/2026	S	1	BH08 - 0'		45								X				
10:39	2/17/2026	S	1	BH08 - 0.5'		46								X				
10:40	2/17/2026	S	1	BH08 - 1'		47								X				
10:41	2/17/2026	S	1	BH08 - 2'		48								X				
Additional Instructions: cburton@ensolum.com, agiovengo@ensolum.com, chamilton@ensolum.com, iestrella@ensoulm.com, jhinkle@ensolum.com, jgonzalez@ensolum.com, bmoir@ensolum.com, oaderinto@ensolum.com, akone@ensolum.com																		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																		
Sampled by: Jarad McCauley, Lyllinn Lewis																		
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: (Y) N										
Michelle Gonzales		2-20-26	11:30	Michelle Gonzales		2-20-26	1130											
Michelle Gonzales		2-20-26	1315	Michelle Gonzales		2-20-26	1315											
Johnny Archuleta		2-20-26	2045	Johnny Archuleta		2-20-26	2045											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
Johnny Archuleta		2-20-26	2300	Cathy Man		2-23-26	730											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																		
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																		
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																		

Envirotech Analytical Laboratory

Printed: 2/23/2026 10:46:43AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Matador Resources, LLC.	Date Received:	02/23/26 07:30	Work Order ID:	E602256
Phone:	(972) 371-5200	Date Logged In:	02/20/26 16:11	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	02/27/26 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name: Grevey Com TB

Work Order: E602268

Job Number: 23003-0002

Received: 2/24/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/2/26

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 3/2/26

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



Project Name: Grevey Com TB
Workorder: E602268
Date Received: 2/24/2026 6:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/24/2026 6:30:00AM, under the Project Name: Grevey Com TB.

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

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
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Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SS01 - 0'	5
SS01 - 1'	6
SS02 - 1'	7
SS03 - 0'	8
SS03 - 1'	9
SS04 - 0'	10
QC Summary Data	11
QC - Volatile Organics by EPA 8021B	11
QC - Nonhalogenated Organics by EPA 8015D - GRO	12
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	13
QC - Anions by EPA 300.0/9056A	14
Definitions and Notes	15
Chain of Custody etc.	16

Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Grevey Com TB Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 03/02/26 09:11
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01 - 0'	E602268-01A	Soil	02/17/26	02/24/26	Glass Jar, 2 oz.
SS01 - 1'	E602268-02A	Soil	02/17/26	02/24/26	Glass Jar, 2 oz.
SS02 - 1'	E602268-03A	Soil	02/17/26	02/24/26	Glass Jar, 2 oz.
SS03 - 0'	E602268-04A	Soil	02/17/26	02/24/26	Glass Jar, 2 oz.
SS03 - 1'	E602268-05A	Soil	02/17/26	02/24/26	Glass Jar, 2 oz.
SS04 - 0'	E602268-06A	Soil	02/17/26	02/24/26	Glass Jar, 2 oz.



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/2/2026 9:11:55AM

SS01 - 0'

E602268-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2609029	
Benzene	ND	0.0250	1	02/24/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/24/26	
Toluene	ND	0.0250	1	02/24/26	02/24/26	
o-Xylene	ND	0.0250	1	02/24/26	02/24/26	
p,m-Xylene	0.0621	0.0500	1	02/24/26	02/24/26	
Total Xylenes	0.0621	0.0250	1	02/24/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	02/24/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2609029	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.4 %	70-130	02/24/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2609031	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/24/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/24/26	
<i>Surrogate: n-Nonane</i>		108 %	61-141	02/24/26	02/24/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2609093	
Chloride	ND	20.0	1	02/25/26	02/26/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/2/2026 9:11:55AM

SS01 - 1'

E602268-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2609029	
Benzene	ND	0.0250	1	02/24/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/24/26	
Toluene	ND	0.0250	1	02/24/26	02/24/26	
o-Xylene	ND	0.0250	1	02/24/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	02/24/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2609029	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.4 %	70-130	02/24/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2609031	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/24/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/24/26	
<i>Surrogate: n-Nonane</i>						
		107 %	61-141	02/24/26	02/24/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2609093	
Chloride	ND	20.0	1	02/25/26	02/26/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/2/2026 9:11:55AM

SS02 - 1'

E602268-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2609029	
Benzene	ND	0.0250	1	02/24/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/24/26	
Toluene	ND	0.0250	1	02/24/26	02/24/26	
o-Xylene	ND	0.0250	1	02/24/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	02/24/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2609029	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.2 %	70-130	02/24/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2609031	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/24/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/24/26	
<i>Surrogate: n-Nonane</i>						
		104 %	61-141	02/24/26	02/24/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2609093	
Chloride	ND	20.0	1	02/25/26	02/26/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/2/2026 9:11:55AM

SS03 - 0'

E602268-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2609029	
Benzene	ND	0.0250	1	02/24/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/24/26	
Toluene	ND	0.0250	1	02/24/26	02/24/26	
o-Xylene	ND	0.0250	1	02/24/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	02/24/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2609029	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.8 %	70-130	02/24/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2609031	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/24/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/24/26	
<i>Surrogate: n-Nonane</i>						
		108 %	61-141	02/24/26	02/24/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2609093	
Chloride	95.4	20.0	1	02/25/26	02/26/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/2/2026 9:11:55AM

SS03 - 1'

E602268-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2609029	
Benzene	ND	0.0250	1	02/24/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/24/26	
Toluene	ND	0.0250	1	02/24/26	02/24/26	
o-Xylene	ND	0.0250	1	02/24/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	02/24/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2609029	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.5 %	70-130	02/24/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2609031	
Diesel Range Organics (C10-C28)	25.8	25.0	1	02/24/26	02/24/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/24/26	
<i>Surrogate: n-Nonane</i>						
		105 %	61-141	02/24/26	02/24/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2609093	
Chloride	34.5	20.0	1	02/25/26	02/26/26	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/2/2026 9:11:55AM

SS04 - 0'

E602268-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2609029	
Benzene	ND	0.0250	1	02/24/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/24/26	
Toluene	ND	0.0250	1	02/24/26	02/24/26	
o-Xylene	ND	0.0250	1	02/24/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	02/24/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2609029	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.9 %	70-130	02/24/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2609031	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/24/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/24/26	
<i>Surrogate: n-Nonane</i>						
		107 %	61-141	02/24/26	02/24/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2609093	
Chloride	ND	20.0	1	02/25/26	02/26/26	



QC Summary Data

Matador Resources, LLC.	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/2/2026 9:11:55AM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2609029-BLK1)

Prepared: 02/24/26 Analyzed: 02/24/26

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.60		8.00		95.1	70-130			

LCS (2609029-BS1)

Prepared: 02/24/26 Analyzed: 02/24/26

Benzene	5.22	0.0250	5.00		104	70-130			
Ethylbenzene	4.97	0.0250	5.00		99.4	70-130			
Toluene	5.12	0.0250	5.00		102	70-130			
o-Xylene	4.99	0.0250	5.00		99.7	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.1	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.84		8.00		98.0	70-130			

Matrix Spike (2609029-MS1)

Source: E602260-03

Prepared: 02/24/26 Analyzed: 02/24/26

Benzene	5.11	0.0250	5.00	ND	102	70-130			
Ethylbenzene	4.87	0.0250	5.00	ND	97.4	70-130			
Toluene	5.01	0.0250	5.00	ND	100	70-130			
o-Xylene	4.91	0.0250	5.00	ND	98.1	70-130			
p,m-Xylene	9.94	0.0500	10.0	ND	99.4	70-130			
Total Xylenes	14.8	0.0250	15.0	ND	99.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.95		8.00		99.4	70-130			

Matrix Spike Dup (2609029-MSD1)

Source: E602260-03

Prepared: 02/24/26 Analyzed: 02/24/26

Benzene	5.55	0.0250	5.00	ND	111	70-130	8.15	27	
Ethylbenzene	5.30	0.0250	5.00	ND	106	70-130	8.36	26	
Toluene	5.45	0.0250	5.00	ND	109	70-130	8.26	20	
o-Xylene	5.31	0.0250	5.00	ND	106	70-130	7.80	25	
p,m-Xylene	10.8	0.0500	10.0	ND	108	70-130	8.26	23	
Total Xylenes	16.1	0.0250	15.0	ND	107	70-130	8.11	26	
Surrogate: 4-Bromochlorobenzene-PID	7.95		8.00		99.4	70-130			



QC Summary Data

Matador Resources, LLC.	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/2/2026 9:11:55AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2609029-BLK1) Prepared: 02/24/26 Analyzed: 02/24/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.45		8.00		93.1	70-130			

LCS (2609029-BS2) Prepared: 02/24/26 Analyzed: 02/24/26

Gasoline Range Organics (C6-C10)	56.8	20.0	50.0		114	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.52		8.00		93.9	70-130			

Matrix Spike (2609029-MS2) Source: E602260-03 Prepared: 02/24/26 Analyzed: 02/24/26

Gasoline Range Organics (C6-C10)	59.4	20.0	50.0	ND	119	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.2	70-130			

Matrix Spike Dup (2609029-MSD2) Source: E602260-03 Prepared: 02/24/26 Analyzed: 02/24/26

Gasoline Range Organics (C6-C10)	58.8	20.0	50.0	ND	118	70-130	0.946	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.52		8.00		93.9	70-130			



QC Summary Data

Matador Resources, LLC.	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/2/2026 9:11:55AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2609031-BLK1)					Prepared: 02/24/26 Analyzed: 02/24/26				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.1		50.0		102	61-141			

LCS (2609031-BS1)					Prepared: 02/24/26 Analyzed: 02/24/26				
Diesel Range Organics (C10-C28)	273	25.0	250		109	66-144			
Surrogate: n-Nonane	52.3		50.0		105	61-141			

Matrix Spike (2609031-MS1)					Source: E602260-02		Prepared: 02/24/26 Analyzed: 02/24/26		
Diesel Range Organics (C10-C28)	269	25.0	250	ND	108	56-156			
Surrogate: n-Nonane	50.6		50.0		101	61-141			

Matrix Spike Dup (2609031-MSD1)					Source: E602260-02		Prepared: 02/24/26 Analyzed: 02/24/26		
Diesel Range Organics (C10-C28)	269	25.0	250	ND	108	56-156	0.00465	20	
Surrogate: n-Nonane	51.0		50.0		102	61-141			



QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Grevey Com TB Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 3/2/2026 9:11:55AM
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Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2609093-BLK1)					Prepared: 02/25/26 Analyzed: 02/26/26				
Chloride	ND	20.0							
LCS (2609093-BS1)					Prepared: 02/25/26 Analyzed: 02/26/26				
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2609093-MS1)					Source: E602269-01		Prepared: 02/25/26 Analyzed: 02/26/26		
Chloride	754	200	250	557	79.0	80-120			M2
Matrix Spike Dup (2609093-MSD1)					Source: E602269-01		Prepared: 02/25/26 Analyzed: 02/26/26		
Chloride	835	200	250	557	111	80-120	10.1	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:	Grevey Com TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	03/02/26 09:11

- 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.



Client Information				Invoice Information				Lab Use Only				TAT				State							
Client: Matador Production Company				Company: Ensolum LLC				Lab WO# E602268				Job Number 23003-0002				NM CO UT TX							
Project: Grevey Com TB				Address: 3122 National Parks Hwy								1D 2D 3D Std				X							
Project Manager: Ashlev Giovengo				City, State, Zip: Carlsbad NM, 88220																			
Address: 3122 National Parks Hwy				Phone: 575-988-0055																			
City, State, Zip: Carlsbad NM, 88220				Email: agiovengo@ensolum.com																			
Phone: 575-988-0055				Miscellaneous:																			
Email: agiovengo@ensolum.com																							
Sample Information												Analysis and Method								EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field	Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA				
12:42	2/17/2026	S	1	SS01 - 0'			1								X		1.1						
13:11	2/17/2026	S	1	SS01 - 1'			2								X		0.9						
13:01	2/17/2026	S	1	SS02 - 1'			3								X		1.1						
12:40	2/17/2026	S	1	SS03 - 0'			4								X		1.3						
13:10	2/17/2026	S	1	SS03 - 1'			5								X		0.9						
12:59	2/17/2026	S	1	SS04 - 0'			6								X		1.0						
Additional Instructions: cburton@ensolum.com, agiovengo@ensolum.com, chamilton@ensolum.com, iestrella@ensoulm.com, jhinkle@ensolum.com, jgonzalez@ensolum.com, bmoir@ensolum.com, oaderinto@ensolum.com, akone@ensolum.com																							
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																							
Sampled by: _____ Jarad McCauley Liane Lineham																							
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: (Y) N											
Michelle Gonzales		2-23-26		7:11		Michelle Gonzales		2-23-26		6:11													
Michelle Gonzales		2-23-26		1600		Marissa Gonzales		2-23-26		1600													
Marissa Gonzales		2-23-26		2030		Johnny Archuleta		2-23-26		2030													
Johnny Archuleta		2-24-26		0030		Noe Soto		2-24-26		0630													
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time													
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																							
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																							
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																							

Envirotech Analytical Laboratory

Printed: 2/24/2026 9:46:26AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Matador Resources, LLC.	Date Received:	02/24/26 06:30	Work Order ID:	E602268
Phone:	(972) 371-5200	Date Logged In:	02/23/26 16:05	Logged In By:	Noe Soto
Email:	agiovento@ensolum.com	Due Date:	03/02/26 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:

Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Production Company

Project Name: Grevey Com TB

Work Order: E603331

Job Number: 23003-0002

Received: 3/30/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/2/26

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 4/2/26

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



Project Name: Grevey Com TB
Workorder: E603331
Date Received: 3/30/2026 6:30:00AM

Ashley Giovengo,

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

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

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

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

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

Respectfully,

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

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Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
BH04-19'	5
QC Summary Data	6
QC - Volatile Organics by EPA 8021B	6
QC - Nonhalogenated Organics by EPA 8015D - GRO	7
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	8
QC - Anions by EPA 300.0/9056A	9
Definitions and Notes	10
Chain of Custody etc.	11

Sample Summary

Matador Production Company	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	04/02/26 16:33

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH04-19'	E603331-01A	Soil	03/26/26	03/30/26	Glass Jar, 2 oz.



Sample Data

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

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
4/2/2026 4:33:26PM

BH04-19'

E603331-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2614001	
Benzene	ND	0.0250	1	03/30/26	03/30/26	
Ethylbenzene	ND	0.0250	1	03/30/26	03/30/26	
Toluene	ND	0.0250	1	03/30/26	03/30/26	
o-Xylene	ND	0.0250	1	03/30/26	03/30/26	
p,m-Xylene	ND	0.0500	1	03/30/26	03/30/26	
Total Xylenes	ND	0.0250	1	03/30/26	03/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	<i>99.4 %</i>	<i>70-130</i>		<i>03/30/26</i>	<i>03/30/26</i>	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2614001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/26	03/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	<i>94.9 %</i>	<i>70-130</i>		<i>03/30/26</i>	<i>03/30/26</i>	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2614004	
Diesel Range Organics (C10-C28)	36.2	25.0	1	03/30/26	03/30/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/30/26	03/30/26	
<i>Surrogate: n-Nonane</i>	<i>112 %</i>	<i>69-135</i>		<i>03/30/26</i>	<i>03/30/26</i>	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2614003	
Chloride	489	20.0	1	03/30/26	03/30/26	



QC Summary Data

Matador Production Company	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/2/2026 4:33:26PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2614001-BLK1)

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

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.58		8.00		94.8	70-130			

LCS (2614001-BS1)

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

Benzene	4.95	0.0250	5.00		99.1	70-130			
Ethylbenzene	4.71	0.0250	5.00		94.2	70-130			
Toluene	4.84	0.0250	5.00		96.7	70-130			
o-Xylene	4.73	0.0250	5.00		94.6	70-130			
p,m-Xylene	9.61	0.0500	10.0		96.1	70-130			
Total Xylenes	14.3	0.0250	15.0		95.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.92		8.00		99.0	70-130			

Matrix Spike (2614001-MS1)

Source: E603332-04

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

Benzene	5.36	0.0250	5.00	ND	107	70-130			
Ethylbenzene	5.09	0.0250	5.00	ND	102	70-130			
Toluene	5.25	0.0250	5.00	ND	105	70-130			
o-Xylene	5.14	0.0250	5.00	ND	103	70-130			
p,m-Xylene	10.4	0.0500	10.0	ND	104	70-130			
Total Xylenes	15.5	0.0250	15.0	ND	103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.30		8.00		104	70-130			

Matrix Spike Dup (2614001-MSD1)

Source: E603332-04

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

Benzene	6.18	0.0250	5.00	ND	124	70-130	14.2	20	
Ethylbenzene	5.87	0.0250	5.00	ND	117	70-130	14.2	20	
Toluene	6.05	0.0250	5.00	ND	121	70-130	14.1	20	
o-Xylene	5.87	0.0250	5.00	ND	117	70-130	13.3	20	
p,m-Xylene	11.9	0.0500	10.0	ND	119	70-130	14.0	20	
Total Xylenes	17.8	0.0250	15.0	ND	119	70-130	13.8	20	
Surrogate: 4-Bromochlorobenzene-PID	7.94		8.00		99.3	70-130			



QC Summary Data

Matador Production Company	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/2/2026 4:33:26PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2614001-BLK1) Prepared: 03/30/26 Analyzed: 03/30/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.40		8.00		92.5	70-130			

LCS (2614001-BS2) Prepared: 03/30/26 Analyzed: 03/30/26

Gasoline Range Organics (C6-C10)	50.3	20.0	50.0		101	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.65		8.00		95.7	70-130			

Matrix Spike (2614001-MS2) Source: E603332-04 Prepared: 03/30/26 Analyzed: 03/30/26

Gasoline Range Organics (C6-C10)	52.5	20.0	50.0	ND	105	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.71		8.00		96.3	70-130			

Matrix Spike Dup (2614001-MSD2) Source: E603332-04 Prepared: 03/30/26 Analyzed: 03/30/26

Gasoline Range Organics (C6-C10)	51.9	20.0	50.0	ND	104	60-137	1.15	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.6	70-130			



QC Summary Data

Matador Production Company	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/2/2026 4:33:26PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2614004-BLK1)					Prepared: 03/30/26 Analyzed: 03/31/26				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.6		50.0		103	69-135			

LCS (2614004-BS1)					Prepared: 03/30/26 Analyzed: 03/30/26				
Diesel Range Organics (C10-C28)	255	25.0	250		102	70-131			
Surrogate: n-Nonane	54.6		50.0		109	69-135			

Matrix Spike (2614004-MS1)					Source: E603329-01		Prepared: 03/30/26 Analyzed: 03/30/26		
Diesel Range Organics (C10-C28)	829	25.0	250	330	199	62-151			M2
Surrogate: n-Nonane	64.3		50.0		129	69-135			

Matrix Spike Dup (2614004-MSD1)					Source: E603329-01		Prepared: 03/30/26 Analyzed: 03/30/26		
Diesel Range Organics (C10-C28)	800	25.0	250	330	188	62-151	3.49	20	M2
Surrogate: n-Nonane	65.7		50.0		131	69-135			



QC Summary Data

Matador Production Company	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/2/2026 4:33:26PM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2614003-BLK1)					Prepared: 03/30/26 Analyzed: 03/30/26				
Chloride	ND	20.0							
LCS (2614003-BS1)					Prepared: 03/30/26 Analyzed: 03/30/26				
Chloride	264	20.0	250		106	90-110			
Matrix Spike (2614003-MS1)					Source: E603332-03		Prepared: 03/30/26 Analyzed: 03/30/26		
Chloride	376	100	250	ND	150	80-120			M2
Matrix Spike Dup (2614003-MSD1)					Source: E603332-03		Prepared: 03/30/26 Analyzed: 03/30/26		
Chloride	338	100	250	ND	135	80-120	10.5	20	M2

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



Definitions and Notes

Matador Production Company	Project Name:	Grevey Com TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	04/02/26 16:33

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.





Chain of Custody

Client Information				Invoice Information		Lab Use Only		TAT		State									
Client: Matador Production Company				Company: Ensolum LLC		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX				
Project Name: Grevey Com TB				Address: 3122 National Parks Hwy		E603331	23003-0002				X	X							
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220															
Address: 3122 National Parks Hwy				Phone: 575-988-0055															
City, State, Zip: Carlsbad NM, 88220				Email: agiovengo@ensolum.com															
Phone: 575-988-0055				Miscellaneous:															
Email: agiovengo@ensolum.com																			
Sample Information						Analysis and Method								EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
1447	3/26/2026	S	1	BH04-19'		1								X					
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jmccauley@ensolum.com, akone@ensolum.com, jgonzalez@ensolum.com, jhinkle@ensolum.com, eplugge@ensolum.com, llinehan@ensolum.com, kelsie.smith@ensolum.com, llewis@ensolum.com																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by: Liane Linehan																			
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: ☒ Y ☐ N													
Michelle Gonzales	3-27-26	0715	Michelle Gonzales	3-27-26	0715														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
Marissa Gonzales	3-27-26	1430	Marissa Gonzales	3-27-26	1430														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
Marissa Gonzales	3-27-26	1845	Johnny Archuleta	3-27-26	1845														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
Johnny Archuleta	3-27-26	2215	Noe Soto	3-30-26	0630														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other						Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA													
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Envirotech Analytical Laboratory

Printed: 3/30/2026 11:45:28AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Matador Production Company	Date Received:	03/30/26 06:30	Work Order ID:	E603331
Phone:	(972) 371-5200	Date Logged In:	03/27/26 15:28	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	04/03/26 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Ashley Urzedo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Production Company

Project Name: Grevey Com TB

Work Order: E604354

Job Number: 23003-0002

Received: 4/29/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/4/26

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 5/4/26

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



Project Name: Grevey Com TB
Workorder: E604354
Date Received: 4/29/2026 7:00:00AM

Ashley Urzedo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/29/2026 7:00:00AM, under the Project Name: Grevey Com TB.

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

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
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
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mgonzales@envirotech-inc.com

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Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
FS03-0.5'	5
QC Summary Data	6
QC - Volatile Organics by EPA 8021B	6
QC - Nonhalogenated Organics by EPA 8015D - GRO	7
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	8
QC - Anions by EPA 300.0/9056A	9
Definitions and Notes	10
Chain of Custody etc.	11

Sample Summary

Matador Production Company	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Urzedo	05/04/26 16:23

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS03-0.5'	E604354-01A	Soil	04/27/26	04/29/26	Glass Jar, 2 oz.



Sample Data

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

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/4/2026 4:23:55PM

FS03-0.5'

E604354-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2618101	
Benzene	ND	0.0250	1	04/30/26	05/01/26	
Ethylbenzene	ND	0.0250	1	04/30/26	05/01/26	
Toluene	ND	0.0250	1	04/30/26	05/01/26	
o-Xylene	ND	0.0250	1	04/30/26	05/01/26	
p,m-Xylene	ND	0.0500	1	04/30/26	05/01/26	
Total Xylenes	ND	0.0250	1	04/30/26	05/01/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	90.0 %	70-130		04/30/26	05/01/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2618101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/26	05/01/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	83.5 %	70-130		04/30/26	05/01/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB		Batch: 2618108	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/26	04/30/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/26	04/30/26	
<i>Surrogate: n-Nonane</i>	96.0 %	69-135		04/30/26	04/30/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2618109	
Chloride	288	20.0	1	04/30/26	04/30/26	



QC Summary Data

Matador Production Company	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/4/2026 4:23:55PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2618101-BLK1)

Prepared: 04/30/26 Analyzed: 04/30/26

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.55		8.00		94.4	70-130			

LCS (2618101-BS1)

Prepared: 04/30/26 Analyzed: 04/30/26

Benzene	4.87	0.0250	5.00		97.5	70-130			
Ethylbenzene	4.46	0.0250	5.00		89.2	70-130			
Toluene	4.81	0.0250	5.00		96.2	70-130			
o-Xylene	4.50	0.0250	5.00		90.1	70-130			
p,m-Xylene	9.05	0.0500	10.0		90.5	70-130			
Total Xylenes	13.6	0.0250	15.0		90.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.30		8.00		91.3	70-130			

Matrix Spike (2618101-MS1)

Source: E604359-04

Prepared: 04/30/26 Analyzed: 04/30/26

Benzene	5.35	0.0250	5.00	ND	107	70-130			
Ethylbenzene	4.95	0.0250	5.00	0.0280	98.4	70-130			
Toluene	5.30	0.0250	5.00	ND	106	70-130			
o-Xylene	4.97	0.0250	5.00	ND	99.4	70-130			
p,m-Xylene	10.0	0.0500	10.0	ND	100	70-130			
Total Xylenes	15.0	0.0250	15.0	ND	100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.09		8.00		88.7	70-130			

Matrix Spike Dup (2618101-MSD1)

Source: E604359-04

Prepared: 04/30/26 Analyzed: 04/30/26

Benzene	4.99	0.0250	5.00	ND	99.7	70-130	6.97	20	
Ethylbenzene	4.58	0.0250	5.00	0.0280	91.1	70-130	7.70	20	
Toluene	4.92	0.0250	5.00	ND	98.5	70-130	7.40	20	
o-Xylene	4.58	0.0250	5.00	ND	91.7	70-130	8.13	20	
p,m-Xylene	9.28	0.0500	10.0	ND	92.8	70-130	7.78	20	
Total Xylenes	13.9	0.0250	15.0	ND	92.4	70-130	7.90	20	
Surrogate: 4-Bromochlorobenzene-PID	6.95		8.00		86.8	70-130			



QC Summary Data

Matador Production Company	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/4/2026 4:23:55PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2618101-BLK1) Prepared: 04/30/26 Analyzed: 04/30/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.90		8.00		86.3	70-130			

LCS (2618101-BS2) Prepared: 04/30/26 Analyzed: 04/30/26

Gasoline Range Organics (C6-C10)	51.8	20.0	50.0		104	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.82		8.00		85.2	70-130			

Matrix Spike (2618101-MS2) Source: E604359-04 Prepared: 04/30/26 Analyzed: 04/30/26

Gasoline Range Organics (C6-C10)	48.5	20.0	50.0	ND	97.0	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.82		8.00		85.3	70-130			

Matrix Spike Dup (2618101-MSD2) Source: E604359-04 Prepared: 04/30/26 Analyzed: 05/01/26

Gasoline Range Organics (C6-C10)	52.8	20.0	50.0	ND	106	60-137	8.48	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.95		8.00		86.9	70-130			



QC Summary Data

Matador Production Company	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/4/2026 4:23:55PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: CJB

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2618108-BLK1)					Prepared: 04/30/26 Analyzed: 04/30/26				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.0		50.0		106	69-135			

LCS (2618108-BS1)					Prepared: 04/30/26 Analyzed: 04/30/26				
Diesel Range Organics (C10-C28)	238	25.0	250		95.3	70-131			
Surrogate: n-Nonane	47.5		50.0		95.0	69-135			

Matrix Spike (2618108-MS1)					Source: E604353-02		Prepared: 04/30/26 Analyzed: 04/30/26		
Diesel Range Organics (C10-C28)	250	25.0	250	ND	99.9	62-151			
Surrogate: n-Nonane	48.9		50.0		97.7	69-135			

Matrix Spike Dup (2618108-MSD1)					Source: E604353-02		Prepared: 04/30/26 Analyzed: 04/30/26		
Diesel Range Organics (C10-C28)	245	25.0	250	ND	98.1	62-151	1.88	20	
Surrogate: n-Nonane	48.1		50.0		96.1	69-135			



QC Summary Data

Matador Production Company	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/4/2026 4:23:55PM

Anions by EPA 300.0/9056A

Analyst: IY

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

Blank (2618109-BLK1)					Prepared: 04/30/26 Analyzed: 04/30/26				
Chloride	ND	20.0							
LCS (2618109-BS1)					Prepared: 04/30/26 Analyzed: 04/30/26				
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2618109-MS1)					Source: E604357-02		Prepared: 04/30/26 Analyzed: 04/30/26		
Chloride	505	20.0	250	245	104	80-120			
Matrix Spike Dup (2618109-MSD1)					Source: E604357-02		Prepared: 04/30/26 Analyzed: 04/30/26		
Chloride	498	20.0	250	245	101	80-120	1.34	20	

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



Definitions and Notes

Matador Production Company	Project Name:	Grevey Com TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Urzedo	05/04/26 16:23

- ND Analyte NOT DETECTED at or above the reporting limit
 - NR Not Reported
 - RPD Relative Percent Difference
 - DNI Did Not Ignite
 - DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Client Information				Invoice Information		Lab Use Only		TAT		State									
Client: Matador Production Company				Company: Ensolum LLC		Lab WO#		1D 2D 3D Std		NM CO UT TX									
Project Name: <u>Greeney Com TB</u>				Address: 3122 National Parks Hwy		E604354		Job Number		23003.0002									
Project Manager: Ashley Urzedo				City, State, Zip: Carlsbad NM, 88220						x									
Address: 3122 National Parks Hwy				Phone: 575-988-0055															
City, State, Zip: Carlsbad NM, 88220				Email: aurzedo@ensolum.com															
Phone: 575-988-0055				Miscellaneous:															
Email: aurzedo@ensolum.com																			
Sample Information						Analysis and Method								EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
1532	4/27/2024	S	1	F503-0.5		1								X					
Additional Instructions: Preserved on ice. Please CC: cburton@ensolum.com, aurzedo@ensolum.com, iestrella@ensolum.com, chamliton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, jmccauley@ensolum.com, eplugge@ensolum.com, usantillana@ensolum.com, llinehan@ensolum.com, kelsie.smith@ensolum.com, llewis@ensolum.com, ahagar@ensolum.com																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by: <u>Liane Linehan</u>																			
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <u>(Y)N</u>							
<u>Michelle Gonzales</u>		4-28-2024		0600		<u>Michelle Gonzales</u>		4-28-26		0600									
<u>Michelle Gonzales</u>		4-28-26		1415		<u>Michelle Gonzales</u>		4-28-26		1415									
<u>Michelle Gonzales</u>		4-28-26		1905		<u>Michelle Gonzales</u>		4-28-26		1905									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
<u>Michelle Gonzales</u>		4-28-26		1905		<u>Michelle Gonzales</u>		4-28-26		1905									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
<u>Michelle Gonzales</u>		4-28-26		2315		<u>Michelle Gonzales</u>		4-29-26		700									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
<u>Michelle Gonzales</u>		4-28-26				<u>Michelle Gonzales</u>													
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																			
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Envirotech Analytical Laboratory

Printed: 4/29/2026 1:13:34PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Matador Production Company	Date Received:	04/29/26 07:00	Work Order ID:	E604354
Phone:	(972) 371-5200	Date Logged In:	04/29/26 07:35	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	05/05/26 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Ashley Urzedo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Production Company

Project Name: Grevey Com TB

Work Order: E604370

Job Number: 23003-0002

Received: 4/30/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/5/26

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 5/5/26

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



Project Name: Grevey Com TB
Workorder: E604370
Date Received: 4/30/2026 8:00:00AM

Ashley Urzedo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/30/2026 8:00:00AM, under the Project Name: Grevey Com TB.

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

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
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Laboratory Administrator
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Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
FS02-0.5'	5
FS07-0.5'	6
FS09-0.5'	7
QC Summary Data	8
QC - Volatile Organics by EPA 8021B	8
QC - Nonhalogenated Organics by EPA 8015D - GRO	9
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	10
QC - Anions by EPA 300.0/9056A	11
Definitions and Notes	12
Chain of Custody etc.	13

Sample Summary

Matador Production Company	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Urzedo	05/05/26 16:52

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS02-0.5'	E604370-01A	Soil	04/28/26	04/30/26	Glass Jar, 2 oz.
FS07-0.5'	E604370-02A	Soil	04/28/26	04/30/26	Glass Jar, 2 oz.
FS09-0.5'	E604370-03A	Soil	04/28/26	04/30/26	Glass Jar, 2 oz.



Sample Data

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

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/5/2026 4:52:06PM

FS02-0.5'

E604370-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2618115	
Benzene	ND	0.0250	1	04/30/26	04/30/26	
Ethylbenzene	ND	0.0250	1	04/30/26	04/30/26	
Toluene	ND	0.0250	1	04/30/26	04/30/26	
o-Xylene	ND	0.0250	1	04/30/26	04/30/26	
p,m-Xylene	ND	0.0500	1	04/30/26	04/30/26	
Total Xylenes	ND	0.0250	1	04/30/26	04/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	04/30/26	04/30/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2618115	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/26	04/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.2 %	70-130	04/30/26	04/30/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2618129	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/01/26	05/02/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/01/26	05/02/26	
<i>Surrogate: n-Nonane</i>		101 %	69-135	05/01/26	05/02/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2618123	
Chloride	867	20.0	1	04/30/26	05/01/26	



Sample Data

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

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/5/2026 4:52:06PM

FS07-0.5'

E604370-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2618115	
Benzene	ND	0.0250	1	04/30/26	04/30/26	
Ethylbenzene	ND	0.0250	1	04/30/26	04/30/26	
Toluene	ND	0.0250	1	04/30/26	04/30/26	
o-Xylene	ND	0.0250	1	04/30/26	04/30/26	
p,m-Xylene	ND	0.0500	1	04/30/26	04/30/26	
Total Xylenes	ND	0.0250	1	04/30/26	04/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	04/30/26	04/30/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2618115	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/26	04/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.8 %	70-130	04/30/26	04/30/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2618129	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/01/26	05/02/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/01/26	05/02/26	
<i>Surrogate: n-Nonane</i>						
		102 %	69-135	05/01/26	05/02/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2618123	
Chloride	122	20.0	1	04/30/26	05/01/26	



Sample Data

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

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/5/2026 4:52:06PM

FS09-0.5'

E604370-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2618115	
Benzene	ND	0.0250	1	04/30/26	05/01/26	
Ethylbenzene	ND	0.0250	1	04/30/26	05/01/26	
Toluene	ND	0.0250	1	04/30/26	05/01/26	
o-Xylene	ND	0.0250	1	04/30/26	05/01/26	
p,m-Xylene	ND	0.0500	1	04/30/26	05/01/26	
Total Xylenes	ND	0.0250	1	04/30/26	05/01/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	108 %	70-130		04/30/26	05/01/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2618115	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/26	05/01/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.5 %	70-130		04/30/26	05/01/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2618129	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/01/26	05/02/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/01/26	05/02/26	
<i>Surrogate: n-Nonane</i>						
	101 %	69-135		05/01/26	05/02/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2618123	
Chloride	95.5	20.0	1	04/30/26	05/01/26	



QC Summary Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Grevey Com TB Project Number: 23003-0002 Project Manager: Ashley Urzedo	Reported: 5/5/2026 4:52:06PM
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Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2618115-BLK1)

Prepared: 04/30/26 Analyzed: 04/30/26

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.79		8.00		97.3	70-130			

LCS (2618115-BS1)

Prepared: 04/30/26 Analyzed: 04/30/26

Benzene	4.60	0.0250	5.00		92.1	70-130			
Ethylbenzene	4.41	0.0250	5.00		88.1	70-130			
Toluene	4.55	0.0250	5.00		90.9	70-130			
o-Xylene	4.44	0.0250	5.00		88.8	70-130			
p,m-Xylene	8.95	0.0500	10.0		89.5	70-130			
Total Xylenes	13.4	0.0250	15.0		89.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.14		8.00		102	70-130			

Matrix Spike (2618115-MS1)

Source: E604372-03

Prepared: 04/30/26 Analyzed: 04/30/26

Benzene	4.79	0.0250	5.00	ND	95.7	70-130			
Ethylbenzene	4.57	0.0250	5.00	ND	91.4	70-130			
Toluene	4.72	0.0250	5.00	ND	94.3	70-130			
o-Xylene	4.61	0.0250	5.00	ND	92.1	70-130			
p,m-Xylene	9.28	0.0500	10.0	ND	92.8	70-130			
Total Xylenes	13.9	0.0250	15.0	ND	92.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.22		8.00		103	70-130			

Matrix Spike Dup (2618115-MSD1)

Source: E604372-03

Prepared: 04/30/26 Analyzed: 04/30/26

Benzene	4.75	0.0250	5.00	ND	95.1	70-130	0.702	20	
Ethylbenzene	4.55	0.0250	5.00	ND	91.0	70-130	0.490	20	
Toluene	4.68	0.0250	5.00	ND	93.5	70-130	0.821	20	
o-Xylene	4.59	0.0250	5.00	ND	91.8	70-130	0.392	20	
p,m-Xylene	9.23	0.0500	10.0	ND	92.3	70-130	0.481	20	
Total Xylenes	13.8	0.0250	15.0	ND	92.1	70-130	0.452	20	
Surrogate: 4-Bromochlorobenzene-PID	8.26		8.00		103	70-130			



QC Summary Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Grevey Com TB Project Number: 23003-0002 Project Manager: Ashley Urzedo	Reported: 5/5/2026 4:52:06PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2618115-BLK1)

Prepared: 04/30/26 Analyzed: 04/30/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.69		8.00		96.2	70-130			

LCS (2618115-BS2)

Prepared: 04/30/26 Analyzed: 04/30/26

Gasoline Range Organics (C6-C10)	56.3	20.0	50.0		113	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.92		8.00		99.0	70-130			

Matrix Spike (2618115-MS2)

Source: E604372-03

Prepared: 04/30/26 Analyzed: 04/30/26

Gasoline Range Organics (C6-C10)	53.9	20.0	50.0	ND	108	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.79		8.00		97.4	70-130			

Matrix Spike Dup (2618115-MSD2)

Source: E604372-03

Prepared: 04/30/26 Analyzed: 04/30/26

Gasoline Range Organics (C6-C10)	56.2	20.0	50.0	ND	112	60-137	4.25	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.82		8.00		97.8	70-130			



QC Summary Data

Matador Production Company	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/5/2026 4:52:06PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2618129-BLK1)					Prepared: 05/01/26 Analyzed: 05/01/26				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.0		50.0		100	69-135			

LCS (2618129-BS1)					Prepared: 05/01/26 Analyzed: 05/01/26				
Diesel Range Organics (C10-C28)	265	25.0	250		106	70-131			
Surrogate: n-Nonane	49.8		50.0		99.6	69-135			

Matrix Spike (2618129-MS1)					Source: E604366-03		Prepared: 05/01/26 Analyzed: 05/01/26		
Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	62-151			
Surrogate: n-Nonane	51.6		50.0		103	69-135			

Matrix Spike Dup (2618129-MSD1)					Source: E604366-03		Prepared: 05/01/26 Analyzed: 05/01/26		
Diesel Range Organics (C10-C28)	282	25.0	250	ND	113	62-151	1.32	20	
Surrogate: n-Nonane	51.9		50.0		104	69-135			



QC Summary Data

Matador Production Company	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/5/2026 4:52:06PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2618123-BLK1)					Prepared: 04/30/26 Analyzed: 05/01/26				
Chloride	ND	20.0							
LCS (2618123-BS1)					Prepared: 04/30/26 Analyzed: 05/01/26				
Chloride	262	20.0	250		105	90-110			
Matrix Spike (2618123-MS1)					Source: E604368-02		Prepared: 04/30/26 Analyzed: 05/01/26		
Chloride	916	200	250	636	112	80-120			
Matrix Spike Dup (2618123-MSD1)					Source: E604368-02		Prepared: 04/30/26 Analyzed: 05/01/26		
Chloride	913	200	250	636	111	80-120	0.306	20	

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



Definitions and Notes

Matador Production Company	Project Name:	Grevey Com TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Urzedo	05/05/26 16:52

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.



Envirotech Analytical Laboratory

Printed: 4/30/2026 4:01:21PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Matador Production Company	Date Received:	04/30/26 08:00	Work Order ID:	E604370
Phone:	(972) 371-5200	Date Logged In:	04/29/26 16:11	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	05/06/26 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

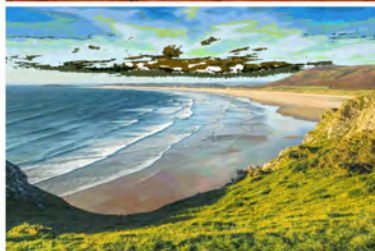
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Ashley Urzedo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Production Company

Project Name: Grevey Com TB

Work Order: E604384

Job Number: 23003-0002

Received: 5/1/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/7/26

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 5/7/26

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



Project Name: Grevey Com TB
Workorder: E604384
Date Received: 5/1/2026 7:30:00AM

Ashley Urzedo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/1/2026 7:30:00AM, under the Project Name: Grevey Com TB.

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

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

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

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

Respectfully,

Walter Hinchman
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Cell: 775-287-1762
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Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
FS12-0.5'	5
FS13-0.5'	6
FS04-0.5'	7
QC Summary Data	8
QC - Volatile Organics by EPA 8021B	8
QC - Nonhalogenated Organics by EPA 8015D - GRO	9
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	10
QC - Anions by EPA 300.0/9056A	11
Definitions and Notes	12
Chain of Custody etc.	13

Sample Summary

Matador Production Company	Project Name:	Grevey Com TB	Reported: 05/07/26 09:08
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Urzedo	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS12-0.5'	E604384-01A	Soil	04/29/26	05/01/26	Glass Jar, 2 oz.
FS13-0.5'	E604384-02A	Soil	04/29/26	05/01/26	Glass Jar, 2 oz.
FS04-0.5'	E604384-03A	Soil	04/29/26	05/01/26	Glass Jar, 2 oz.



Sample Data

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

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/7/2026 9:08:19AM

FS12-0.5'

E604384-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2619021	
Benzene	ND	0.0250	1	05/04/26	05/04/26	
Ethylbenzene	ND	0.0250	1	05/04/26	05/04/26	
Toluene	ND	0.0250	1	05/04/26	05/04/26	
o-Xylene	ND	0.0250	1	05/04/26	05/04/26	
p,m-Xylene	ND	0.0500	1	05/04/26	05/04/26	
Total Xylenes	ND	0.0250	1	05/04/26	05/04/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	05/04/26	05/04/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2619021	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/04/26	05/04/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.0 %	70-130	05/04/26	05/04/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2619049	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/26	05/05/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/26	05/05/26	
<i>Surrogate: n-Nonane</i>		107 %	69-135	05/05/26	05/05/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2619029	
Chloride	77.3	20.0	1	05/04/26	05/04/26	



Sample Data

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

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/7/2026 9:08:19AM

FS13-0.5'

E604384-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2619021	
Benzene	ND	0.0250	1	05/04/26	05/04/26	
Ethylbenzene	ND	0.0250	1	05/04/26	05/04/26	
Toluene	ND	0.0250	1	05/04/26	05/04/26	
o-Xylene	ND	0.0250	1	05/04/26	05/04/26	
p,m-Xylene	ND	0.0500	1	05/04/26	05/04/26	
Total Xylenes	ND	0.0250	1	05/04/26	05/04/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	05/04/26	05/04/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2619021	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/04/26	05/04/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.0 %	70-130	05/04/26	05/04/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2619049	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/26	05/05/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/26	05/05/26	
<i>Surrogate: n-Nonane</i>						
		105 %	69-135	05/05/26	05/05/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2619029	
Chloride	153	20.0	1	05/04/26	05/04/26	



Sample Data

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

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/7/2026 9:08:19AM

FS04-0.5'

E604384-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2619021
Benzene	ND	0.0250	1	05/04/26	05/04/26	
Ethylbenzene	ND	0.0250	1	05/04/26	05/04/26	
Toluene	ND	0.0250	1	05/04/26	05/04/26	
o-Xylene	ND	0.0250	1	05/04/26	05/04/26	
p,m-Xylene	ND	0.0500	1	05/04/26	05/04/26	
Total Xylenes	ND	0.0250	1	05/04/26	05/04/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	05/04/26	05/04/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2619021
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/04/26	05/04/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.6 %	70-130	05/04/26	05/04/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2619049
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/26	05/05/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/26	05/05/26	
<i>Surrogate: n-Nonane</i>						
		105 %	69-135	05/05/26	05/05/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2619029
Chloride	525	20.0	1	05/04/26	05/04/26	



QC Summary Data

Matador Production Company	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/7/2026 9:08:19AM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2619021-BLK1)

Prepared: 05/04/26 Analyzed: 05/04/26

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.24		8.00		103	70-130			

LCS (2619021-BS1)

Prepared: 05/04/26 Analyzed: 05/04/26

Benzene	4.49	0.0250	5.00		89.8	70-130			
Ethylbenzene	4.28	0.0250	5.00		85.7	70-130			
Toluene	4.47	0.0250	5.00		89.3	70-130			
o-Xylene	4.35	0.0250	5.00		87.0	70-130			
p,m-Xylene	8.73	0.0500	10.0		87.3	70-130			
Total Xylenes	13.1	0.0250	15.0		87.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.38		8.00		105	70-130			

Matrix Spike (2619021-MS1)

Source: E604388-21

Prepared: 05/04/26 Analyzed: 05/04/26

Benzene	4.05	0.0250	5.00	ND	81.1	70-130			
Ethylbenzene	3.87	0.0250	5.00	ND	77.4	70-130			
Toluene	4.00	0.0250	5.00	ND	80.1	70-130			
o-Xylene	3.89	0.0250	5.00	ND	77.8	70-130			
p,m-Xylene	7.86	0.0500	10.0	ND	78.6	70-130			
Total Xylenes	11.7	0.0250	15.0	ND	78.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.24		8.00		103	70-130			

Matrix Spike Dup (2619021-MSD1)

Source: E604388-21

Prepared: 05/04/26 Analyzed: 05/04/26

Benzene	4.60	0.0250	5.00	ND	92.0	70-130	12.6	20	
Ethylbenzene	4.41	0.0250	5.00	ND	88.3	70-130	13.1	20	
Toluene	4.54	0.0250	5.00	ND	90.8	70-130	12.6	20	
o-Xylene	4.44	0.0250	5.00	ND	88.7	70-130	13.1	20	
p,m-Xylene	8.97	0.0500	10.0	ND	89.7	70-130	13.2	20	
Total Xylenes	13.4	0.0250	15.0	ND	89.3	70-130	13.2	20	
Surrogate: 4-Bromochlorobenzene-PID	8.27		8.00		103	70-130			



QC Summary Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Grevey Com TB Project Number: 23003-0002 Project Manager: Ashley Urzedo	Reported: 5/7/2026 9:08:19AM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2619021-BLK1)

Prepared: 05/04/26 Analyzed: 05/04/26

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

LCS (2619021-BS2)

Prepared: 05/04/26 Analyzed: 05/04/26

Gasoline Range Organics (C6-C10)	53.6	20.0	50.0		107	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.83		8.00		97.8	70-130			

Matrix Spike (2619021-MS2)

Source: E604388-21

Prepared: 05/04/26 Analyzed: 05/04/26

Gasoline Range Organics (C6-C10)	48.9	20.0	50.0	ND	97.8	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.74		8.00		96.8	70-130			

Matrix Spike Dup (2619021-MSD2)

Source: E604388-21

Prepared: 05/04/26 Analyzed: 05/04/26

Gasoline Range Organics (C6-C10)	44.8	20.0	50.0	ND	89.7	60-137	8.65	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.77		8.00		97.1	70-130			



QC Summary Data

Matador Production Company	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/7/2026 9:08:19AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2619049-BLK1)					Prepared: 05/05/26 Analyzed: 05/05/26				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.0		50.0		106	69-135			

LCS (2619049-BS1)					Prepared: 05/05/26 Analyzed: 05/05/26				
Diesel Range Organics (C10-C28)	243	25.0	250		97.0	70-131			
Surrogate: n-Nonane	53.5		50.0		107	69-135			

Matrix Spike (2619049-MS1)					Source: E604386-05		Prepared: 05/05/26 Analyzed: 05/05/26		
Diesel Range Organics (C10-C28)	242	25.0	250	ND	96.8	62-151			
Surrogate: n-Nonane	53.0		50.0		106	69-135			

Matrix Spike Dup (2619049-MSD1)					Source: E604386-05		Prepared: 05/05/26 Analyzed: 05/05/26		
Diesel Range Organics (C10-C28)	239	25.0	250	ND	95.5	62-151	1.35	20	
Surrogate: n-Nonane	52.6		50.0		105	69-135			



QC Summary Data

Matador Production Company	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/7/2026 9:08:19AM

Anions by EPA 300.0/9056A

Analyst: IY

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

Blank (2619029-BLK1)					Prepared: 05/04/26 Analyzed: 05/04/26				
Chloride	ND	20.0							
LCS (2619029-BS1)					Prepared: 05/04/26 Analyzed: 05/04/26				
Chloride	263	20.0	250		105	90-110			
Matrix Spike (2619029-MS1)					Source: E604385-02		Prepared: 05/04/26 Analyzed: 05/04/26		
Chloride	267	20.0	250	ND	107	80-120			
Matrix Spike Dup (2619029-MSD1)					Source: E604385-02		Prepared: 05/04/26 Analyzed: 05/04/26		
Chloride	268	20.0	250	ND	107	80-120	0.101	20	

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



Definitions and Notes

Matador Production Company	Project Name:	Grevey Com TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Urzedo	05/07/26 09:08

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



E1004384 Cm 5/1/26

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO# E1004382				Job Number 23003-0002				1D 2D 3D Std X			
Project Name: Gravel from TB				Address: 3122 National Parks Hwy												NM CO UT TX			
Project Manager: Ashley Urzedo				City, State, Zip: Carlsbad NM, 88220												x			
Address: 3122 National Parks Hwy				Phone: 575-988-0055															
City, State, Zip: Carlsbad NM, 88220				Email: aurzedo@ensolum.com															
Phone: 575-988-0055				Miscellaneous:															
Email: aurzedo@ensolum.com																			

Sample Information										Analysis and Method										EPA Program		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	Compliance	Y	or	N
1303	4/24/2024	S	1	FS12-0.5'		1								X		1.9						
1254	4/24/2024	S	1	FS13-0.5'		2								X		0.3						
1525	4/24/2024	S	1	FS04-0.5'		3								X		2.7						

Additional Instructions: Preserved on ice. Please CC: cburton@ensolum.com, aurzedo@ensolum.com, iestrella@ensolum.com, chamliton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, jmccauley@ensolum.com, eplugge@ensolum.com, usantillana@ensolum.com, llinehan@ensolum.com, kelsie.smith@ensolum.com, llewis@ensolum.com, ahagar@ensolum.com

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

Sampled by: Liane Linehan		Relinquished by: (Signature) <i>[Signature]</i>		Date: 4-30-2026	Time: 6600	Received by: (Signature) <i>Michelle Gonzales</i>		Date: 4-30-26	Time: 0600	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.
Relinquished by: (Signature) <i>Michelle Gonzales</i>		Date: 4-30-26	Time: 1400	Received by: (Signature) <i>Marissa Gonzales</i>		Date: 4-30-26	Time: 1400			
Relinquished by: (Signature) <i>Marissa Gonzales</i>		Date: 4-30-26	Time: 1830	Received by: (Signature) <i>Johnny Archuleta</i>		Date: 4-30-26	Time: 1830			
Relinquished by: (Signature) <i>Johnny Archuleta</i>		Date: 4-30-26	Time: 2215	Received by: (Signature) <i>Carla Mann</i>		Date: 5-1-26	Time: 730			
Relinquished by: (Signature)		Date:	Time:	Received by: (Signature)		Date:	Time:			

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

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

Envirotech Analytical Laboratory

Printed: 5/1/2026 8:45:54AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Matador Production Company	Date Received:	05/01/26 07:30	Work Order ID:	E604384
Phone:	(972) 371-5200	Date Logged In:	04/30/26 16:09	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	05/07/26 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Ashley Urzedo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Production Company

Project Name: Grevey Com TB

Work Order: E605019

Job Number: 23003-0002

Received: 5/4/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/8/26

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 5/8/26

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



Project Name: Grevey Com TB
Workorder: E605019
Date Received: 5/4/2026 7:00:00AM

Ashley Urzedo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/4/2026 7:00:00AM, under the Project Name: Grevey Com TB.

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

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

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

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

Respectfully,

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Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
FS01-0.5'	5
FS08-0.5'	6
FS10-0.5'	7
FS11-0.5'	8
FS22-0.5'	9
FS14-0.5'	10
QC Summary Data	11
QC - Volatile Organics by EPA 8021B	11
QC - Nonhalogenated Organics by EPA 8015D - GRO	12
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	13
QC - Anions by EPA 300.0/9056A	14
Definitions and Notes	15
Chain of Custody etc.	16

Sample Summary

Matador Production Company	Project Name:	Grevey Com TB	Reported: 05/08/26 09:33
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Urzedo	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01-0.5'	E605019-01A	Soil	04/30/26	05/04/26	Glass Jar, 2 oz.
FS08-0.5'	E605019-02A	Soil	04/30/26	05/04/26	Glass Jar, 2 oz.
FS10-0.5'	E605019-03A	Soil	04/30/26	05/04/26	Glass Jar, 2 oz.
FS11-0.5'	E605019-04A	Soil	04/30/26	05/04/26	Glass Jar, 2 oz.
FS22-0.5'	E605019-05A	Soil	04/30/26	05/04/26	Glass Jar, 2 oz.
FS14-0.5'	E605019-06A	Soil	04/30/26	05/04/26	Glass Jar, 2 oz.



Sample Data

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

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/8/2026 9:33:29AM

FS01-0.5'

E605019-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2619028	
Benzene	ND	0.0250	1	05/04/26	05/05/26	
Ethylbenzene	ND	0.0250	1	05/04/26	05/05/26	
Toluene	ND	0.0250	1	05/04/26	05/05/26	
o-Xylene	ND	0.0250	1	05/04/26	05/05/26	
p,m-Xylene	ND	0.0500	1	05/04/26	05/05/26	
Total Xylenes	ND	0.0250	1	05/04/26	05/05/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	90.8 %	70-130		05/04/26	05/05/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2619028	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/04/26	05/05/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	90.1 %	70-130		05/04/26	05/05/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2619060	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/26	05/06/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/26	05/06/26	
<i>Surrogate: n-Nonane</i>	95.5 %	69-135		05/05/26	05/06/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2619034	
Chloride	234	20.0	1	05/04/26	05/05/26	



Sample Data

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

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/8/2026 9:33:29AM

FS08-0.5'

E605019-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2619028	
Benzene	ND	0.0250	1	05/04/26	05/05/26	
Ethylbenzene	ND	0.0250	1	05/04/26	05/05/26	
Toluene	ND	0.0250	1	05/04/26	05/05/26	
o-Xylene	ND	0.0250	1	05/04/26	05/05/26	
p,m-Xylene	ND	0.0500	1	05/04/26	05/05/26	
Total Xylenes	ND	0.0250	1	05/04/26	05/05/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.3 %	70-130		05/04/26	05/05/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2619028	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/04/26	05/05/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.3 %	70-130		05/04/26	05/05/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2619060	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/26	05/06/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/26	05/06/26	
<i>Surrogate: n-Nonane</i>						
	96.7 %	69-135		05/05/26	05/06/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2619034	
Chloride	ND	20.0	1	05/04/26	05/05/26	



Sample Data

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

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/8/2026 9:33:29AM

FS10-0.5'

E605019-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2619028
Benzene	ND	0.0250	1	05/04/26	05/05/26	
Ethylbenzene	ND	0.0250	1	05/04/26	05/05/26	
Toluene	ND	0.0250	1	05/04/26	05/05/26	
o-Xylene	ND	0.0250	1	05/04/26	05/05/26	
p,m-Xylene	ND	0.0500	1	05/04/26	05/05/26	
Total Xylenes	ND	0.0250	1	05/04/26	05/05/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.6 %	70-130		05/04/26	05/05/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2619028
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/04/26	05/05/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.3 %	70-130		05/04/26	05/05/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2619060
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/26	05/06/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/26	05/06/26	
<i>Surrogate: n-Nonane</i>						
	96.0 %	69-135		05/05/26	05/06/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2619034
Chloride	491	20.0	1	05/04/26	05/05/26	



Sample Data

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

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/8/2026 9:33:29AM

FS11-0.5'

E605019-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2619028
Benzene	ND	0.0250	1	05/04/26	05/05/26	
Ethylbenzene	ND	0.0250	1	05/04/26	05/05/26	
Toluene	ND	0.0250	1	05/04/26	05/05/26	
o-Xylene	ND	0.0250	1	05/04/26	05/05/26	
p,m-Xylene	ND	0.0500	1	05/04/26	05/05/26	
Total Xylenes	ND	0.0250	1	05/04/26	05/05/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.8 %	70-130		05/04/26	05/05/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2619028
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/04/26	05/05/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	85.8 %	70-130		05/04/26	05/05/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2619060
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/26	05/06/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/26	05/06/26	
<i>Surrogate: n-Nonane</i>						
	95.7 %	69-135		05/05/26	05/06/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2619034
Chloride	53.3	20.0	1	05/04/26	05/05/26	



Sample Data

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

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/8/2026 9:33:29AM

FS22-0.5'

E605019-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2619028	
Benzene	ND	0.0250	1	05/04/26	05/05/26	
Ethylbenzene	ND	0.0250	1	05/04/26	05/05/26	
Toluene	ND	0.0250	1	05/04/26	05/05/26	
o-Xylene	ND	0.0250	1	05/04/26	05/05/26	
p,m-Xylene	ND	0.0500	1	05/04/26	05/05/26	
Total Xylenes	ND	0.0250	1	05/04/26	05/05/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.2 %	70-130		05/04/26	05/05/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2619028	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/04/26	05/05/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.6 %	70-130		05/04/26	05/05/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2619060	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/26	05/06/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/26	05/06/26	
<i>Surrogate: n-Nonane</i>						
	94.6 %	69-135		05/05/26	05/06/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2619034	
Chloride	504	20.0	1	05/04/26	05/05/26	



Sample Data

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

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/8/2026 9:33:29AM

FS14-0.5'

E605019-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2619028
Benzene	ND	0.0250	1	05/04/26	05/05/26	
Ethylbenzene	ND	0.0250	1	05/04/26	05/05/26	
Toluene	ND	0.0250	1	05/04/26	05/05/26	
o-Xylene	ND	0.0250	1	05/04/26	05/05/26	
p,m-Xylene	ND	0.0500	1	05/04/26	05/05/26	
Total Xylenes	ND	0.0250	1	05/04/26	05/05/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.4 %	70-130		05/04/26	05/05/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2619028
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/04/26	05/05/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	86.1 %	70-130		05/04/26	05/05/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2619060
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/26	05/06/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/26	05/06/26	
<i>Surrogate: n-Nonane</i>						
	96.5 %	69-135		05/05/26	05/06/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2619034
Chloride	542	20.0	1	05/04/26	05/05/26	



QC Summary Data

Matador Production Company	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/8/2026 9:33:29AM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2619028-BLK1)

Prepared: 05/04/26 Analyzed: 05/05/26

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.61		8.00		95.1	70-130			

LCS (2619028-BS1)

Prepared: 05/04/26 Analyzed: 05/05/26

Benzene	4.69	0.0250	5.00		93.8	70-130			
Ethylbenzene	4.42	0.0250	5.00		88.3	70-130			
Toluene	4.60	0.0250	5.00		92.1	70-130			
o-Xylene	4.45	0.0250	5.00		89.0	70-130			
p,m-Xylene	9.02	0.0500	10.0		90.2	70-130			
Total Xylenes	13.5	0.0250	15.0		89.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.65		8.00		95.6	70-130			

Matrix Spike (2619028-MS1)

Source: E605018-04

Prepared: 05/04/26 Analyzed: 05/05/26

Benzene	4.46	0.0250	5.00	ND	89.1	70-130			
Ethylbenzene	4.21	0.0250	5.00	ND	84.2	70-130			
Toluene	4.39	0.0250	5.00	ND	87.7	70-130			
o-Xylene	4.21	0.0250	5.00	ND	84.3	70-130			
p,m-Xylene	8.62	0.0500	10.0	ND	86.2	70-130			
Total Xylenes	12.8	0.0250	15.0	ND	85.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.28		8.00		91.1	70-130			

Matrix Spike Dup (2619028-MSD1)

Source: E605018-04

Prepared: 05/04/26 Analyzed: 05/05/26

Benzene	5.01	0.0250	5.00	ND	100	70-130	11.8	20	
Ethylbenzene	4.70	0.0250	5.00	ND	94.0	70-130	11.1	20	
Toluene	4.90	0.0250	5.00	ND	98.1	70-130	11.2	20	
o-Xylene	4.74	0.0250	5.00	ND	94.7	70-130	11.7	20	
p,m-Xylene	9.57	0.0500	10.0	ND	95.7	70-130	10.5	20	
Total Xylenes	14.3	0.0250	15.0	ND	95.4	70-130	10.9	20	
Surrogate: 4-Bromochlorobenzene-PID	7.59		8.00		94.9	70-130			



QC Summary Data

Matador Production Company	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/8/2026 9:33:29AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2619028-BLK1) Prepared: 05/04/26 Analyzed: 05/05/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.19		8.00		89.8	70-130			

LCS (2619028-BS2) Prepared: 05/04/26 Analyzed: 05/05/26

Gasoline Range Organics (C6-C10)	40.8	20.0	50.0		81.5	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.10		8.00		88.8	70-130			

Matrix Spike (2619028-MS2) Source: E605018-04 Prepared: 05/04/26 Analyzed: 05/05/26

Gasoline Range Organics (C6-C10)	44.3	20.0	50.0	ND	88.5	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.16		8.00		89.5	70-130			

Matrix Spike Dup (2619028-MSD2) Source: E605018-04 Prepared: 05/04/26 Analyzed: 05/05/26

Gasoline Range Organics (C6-C10)	47.8	20.0	50.0	ND	95.5	60-137	7.63	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.31		8.00		91.3	70-130			



QC Summary Data

Matador Production Company	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/8/2026 9:33:29AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2619060-BLK1)					Prepared: 05/05/26 Analyzed: 05/05/26				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.7		50.0		97.3	69-135			

LCS (2619060-BS1)					Prepared: 05/05/26 Analyzed: 05/05/26				
Diesel Range Organics (C10-C28)	240	25.0	250		96.2	70-131			
Surrogate: n-Nonane	46.8		50.0		93.7	69-135			

Matrix Spike (2619060-MS1)					Source: E605019-01		Prepared: 05/05/26 Analyzed: 05/05/26		
Diesel Range Organics (C10-C28)	241	25.0	250	ND	96.3	62-151			
Surrogate: n-Nonane	46.6		50.0		93.1	69-135			

Matrix Spike Dup (2619060-MSD1)					Source: E605019-01		Prepared: 05/05/26 Analyzed: 05/05/26		
Diesel Range Organics (C10-C28)	240	25.0	250	ND	96.1	62-151	0.212	20	
Surrogate: n-Nonane	46.8		50.0		93.7	69-135			



QC Summary Data

Matador Production Company	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/8/2026 9:33:29AM

Anions by EPA 300.0/9056A

Analyst: IY

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

Blank (2619034-BLK1)					Prepared: 05/04/26 Analyzed: 05/05/26				
Chloride	ND	20.0							
LCS (2619034-BS1)					Prepared: 05/04/26 Analyzed: 05/05/26				
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2619034-MS1)					Source: E605017-05		Prepared: 05/04/26 Analyzed: 05/05/26		
Chloride	2910	40.0	250	2590	131	80-120			M4
Matrix Spike Dup (2619034-MSD1)					Source: E605017-05		Prepared: 05/04/26 Analyzed: 05/05/26		
Chloride	2900	40.0	250	2590	123	80-120	0.627	20	M4

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



Definitions and Notes

Matador Production Company	Project Name:	Grevey Com TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Urzedo	05/08/26 09:33

- 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.



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

Envirotech Analytical Laboratory

Printed: 5/4/2026 8:56:50AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Matador Production Company	Date Received:	05/04/26 07:00	Work Order ID:	E605019
Phone:	(972) 371-5200	Date Logged In:	05/01/26 15:17	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	05/08/26 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Ashley Urzedo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Production Company

Project Name: Grevey TB

Work Order: E605043

Job Number: 23003-0002

Received: 5/6/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/11/26

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 5/11/26

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



Project Name: Grevey TB
Workorder: E605043
Date Received: 5/6/2026 6:15:00AM

Ashley Urzedo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/6/2026 6:15:00AM, under the Project Name: Grevey TB.

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

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

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

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

Respectfully,

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

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Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
FS05-0.5'	5
FS06-0.5'	6
FS19-0.5'	7
FS15-0.5'	8
FS16-0.5'	9
FS25-0.5'	10
FS29-0.5'	11
FS31-0.5'	12
QC Summary Data	13
QC - Volatile Organics by EPA 8021B	13
QC - Nonhalogenated Organics by EPA 8015D - GRO	14
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	15
QC - Anions by EPA 300.0/9056A	16
Definitions and Notes	17
Chain of Custody etc.	18

Sample Summary

Matador Production Company	Project Name:	Grevey TB	Reported: 05/11/26 16:54
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Urzedo	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS05-0.5'	E605043-01A	Soil	05/04/26	05/06/26	Glass Jar, 2 oz.
FS06-0.5'	E605043-02A	Soil	05/04/26	05/06/26	Glass Jar, 2 oz.
FS19-0.5'	E605043-03A	Soil	05/04/26	05/06/26	Glass Jar, 2 oz.
FS15-0.5'	E605043-04A	Soil	05/04/26	05/06/26	Glass Jar, 2 oz.
FS16-0.5'	E605043-05A	Soil	05/04/26	05/06/26	Glass Jar, 2 oz.
FS25-0.5'	E605043-06A	Soil	05/04/26	05/06/26	Glass Jar, 2 oz.
FS29-0.5'	E605043-07A	Soil	05/04/26	05/06/26	Glass Jar, 2 oz.
FS31-0.5'	E605043-08A	Soil	05/04/26	05/06/26	Glass Jar, 2 oz.



Sample Data

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

Project Name: Grevey TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/11/2026 4:54:53PM

FS05-0.5'

E605043-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2619081	
Benzene	ND	0.0250	1	05/06/26	05/08/26	
Ethylbenzene	ND	0.0250	1	05/06/26	05/08/26	
Toluene	ND	0.0250	1	05/06/26	05/08/26	
o-Xylene	0.0256	0.0250	1	05/06/26	05/08/26	
p,m-Xylene	ND	0.0500	1	05/06/26	05/08/26	
Total Xylenes	0.0256	0.0250	1	05/06/26	05/08/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	<i>96.3 %</i>	<i>70-130</i>		<i>05/06/26</i>	<i>05/08/26</i>	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2619081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/26	05/08/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	<i>85.2 %</i>	<i>70-130</i>		<i>05/06/26</i>	<i>05/08/26</i>	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2619111	
Diesel Range Organics (C10-C28)	165	25.0	1	05/07/26	05/07/26	
Oil Range Organics (C28-C36)	99.4	50.0	1	05/07/26	05/07/26	
<i>Surrogate: n-Nonane</i>	<i>110 %</i>	<i>69-135</i>		<i>05/07/26</i>	<i>05/07/26</i>	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2619099	
Chloride	ND	20.0	1	05/06/26	05/06/26	



Sample Data

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

Project Name: Grevey TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/11/2026 4:54:53PM

FS06-0.5'

E605043-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2619081
Benzene	ND	0.0250	1	05/06/26	05/08/26	
Ethylbenzene	ND	0.0250	1	05/06/26	05/08/26	
Toluene	ND	0.0250	1	05/06/26	05/08/26	
o-Xylene	ND	0.0250	1	05/06/26	05/08/26	
p,m-Xylene	ND	0.0500	1	05/06/26	05/08/26	
Total Xylenes	ND	0.0250	1	05/06/26	05/08/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.8 %	70-130		05/06/26	05/08/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2619081
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/26	05/08/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.4 %	70-130		05/06/26	05/08/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2619111
Diesel Range Organics (C10-C28)	348	25.0	1	05/07/26	05/07/26	
Oil Range Organics (C28-C36)	187	50.0	1	05/07/26	05/07/26	
<i>Surrogate: n-Nonane</i>						
	110 %	69-135		05/07/26	05/07/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2619099
Chloride	51.3	20.0	1	05/06/26	05/06/26	



Sample Data

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

Project Name: Grevey TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/11/2026 4:54:53PM

FS19-0.5'

E605043-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2619081	
Benzene	ND	0.0250	1	05/06/26	05/08/26	
Ethylbenzene	ND	0.0250	1	05/06/26	05/08/26	
Toluene	ND	0.0250	1	05/06/26	05/08/26	
o-Xylene	ND	0.0250	1	05/06/26	05/08/26	
p,m-Xylene	ND	0.0500	1	05/06/26	05/08/26	
Total Xylenes	ND	0.0250	1	05/06/26	05/08/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.1 %	70-130		05/06/26	05/08/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2619081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/26	05/08/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.7 %	70-130		05/06/26	05/08/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2619111	
Diesel Range Organics (C10-C28)	108	25.0	1	05/07/26	05/07/26	
Oil Range Organics (C28-C36)	98.1	50.0	1	05/07/26	05/07/26	
<i>Surrogate: n-Nonane</i>						
	110 %	69-135		05/07/26	05/07/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2619099	
Chloride	65.3	20.0	1	05/06/26	05/06/26	



Sample Data

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

Project Name: Grevey TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/11/2026 4:54:53PM

FS15-0.5'

E605043-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2619081	
Benzene	ND	0.0250	1	05/06/26	05/08/26	
Ethylbenzene	ND	0.0250	1	05/06/26	05/08/26	
Toluene	ND	0.0250	1	05/06/26	05/08/26	
o-Xylene	ND	0.0250	1	05/06/26	05/08/26	
p,m-Xylene	ND	0.0500	1	05/06/26	05/08/26	
Total Xylenes	ND	0.0250	1	05/06/26	05/08/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.2 %	70-130		05/06/26	05/08/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2619081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/26	05/08/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.4 %	70-130		05/06/26	05/08/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2619111	
Diesel Range Organics (C10-C28)	42.4	25.0	1	05/07/26	05/07/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/07/26	05/07/26	
<i>Surrogate: n-Nonane</i>						
	108 %	69-135		05/07/26	05/07/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2619099	
Chloride	83.7	20.0	1	05/06/26	05/06/26	



Sample Data

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

Project Name: Grevey TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/11/2026 4:54:53PM

FS16-0.5'

E605043-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2619081
Benzene	ND	0.0250	1	05/06/26	05/08/26	
Ethylbenzene	ND	0.0250	1	05/06/26	05/08/26	
Toluene	ND	0.0250	1	05/06/26	05/08/26	
o-Xylene	ND	0.0250	1	05/06/26	05/08/26	
p,m-Xylene	ND	0.0500	1	05/06/26	05/08/26	
Total Xylenes	ND	0.0250	1	05/06/26	05/08/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.9 %	70-130		05/06/26	05/08/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2619081
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/26	05/08/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.8 %	70-130		05/06/26	05/08/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2619111
Diesel Range Organics (C10-C28)	32.0	25.0	1	05/07/26	05/07/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/07/26	05/07/26	
<i>Surrogate: n-Nonane</i>						
	106 %	69-135		05/07/26	05/07/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2619099
Chloride	42.7	20.0	1	05/06/26	05/06/26	



Sample Data

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

Project Name: Grevey TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/11/2026 4:54:53PM

FS25-0.5'

E605043-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2619081	
Benzene	ND	0.0250	1	05/06/26	05/08/26	
Ethylbenzene	ND	0.0250	1	05/06/26	05/08/26	
Toluene	ND	0.0250	1	05/06/26	05/08/26	
o-Xylene	ND	0.0250	1	05/06/26	05/08/26	
p,m-Xylene	ND	0.0500	1	05/06/26	05/08/26	
Total Xylenes	ND	0.0250	1	05/06/26	05/08/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.3 %	70-130		05/06/26	05/08/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2619081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/26	05/08/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	87.3 %	70-130		05/06/26	05/08/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2619111	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/07/26	05/07/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/07/26	05/07/26	
<i>Surrogate: n-Nonane</i>	107 %	69-135		05/07/26	05/07/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2619099	
Chloride	155	20.0	1	05/06/26	05/06/26	



Sample Data

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

Project Name: Grevey TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/11/2026 4:54:53PM

FS29-0.5'

E605043-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2619081
Benzene	ND	0.0250	1	05/06/26	05/08/26	
Ethylbenzene	ND	0.0250	1	05/06/26	05/08/26	
Toluene	ND	0.0250	1	05/06/26	05/08/26	
o-Xylene	ND	0.0250	1	05/06/26	05/08/26	
p,m-Xylene	ND	0.0500	1	05/06/26	05/08/26	
Total Xylenes	ND	0.0250	1	05/06/26	05/08/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.9 %	70-130		05/06/26	05/08/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2619081
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/26	05/08/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	85.5 %	70-130		05/06/26	05/08/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2619111
Diesel Range Organics (C10-C28)	ND	25.0	1	05/07/26	05/07/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/07/26	05/07/26	
<i>Surrogate: n-Nonane</i>						
	111 %	69-135		05/07/26	05/07/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2619099
Chloride	92.0	20.0	1	05/06/26	05/06/26	



Sample Data

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

Project Name: Grevey TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/11/2026 4:54:53PM

FS31-0.5'

E605043-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2619081	
Benzene	ND	0.0250	1	05/06/26	05/08/26	
Ethylbenzene	ND	0.0250	1	05/06/26	05/08/26	
Toluene	ND	0.0250	1	05/06/26	05/08/26	
o-Xylene	ND	0.0250	1	05/06/26	05/08/26	
p,m-Xylene	ND	0.0500	1	05/06/26	05/08/26	
Total Xylenes	ND	0.0250	1	05/06/26	05/08/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.3 %	70-130	05/06/26	05/08/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2619081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/26	05/08/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		85.6 %	70-130	05/06/26	05/08/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2619111	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/07/26	05/07/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/07/26	05/07/26	
<i>Surrogate: n-Nonane</i>		109 %	69-135	05/07/26	05/07/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2619099	
Chloride	ND	20.0	1	05/06/26	05/06/26	



QC Summary Data

Matador Production Company	Project Name:	Grevey TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/11/2026 4:54:53PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2619081-BLK1)

Prepared: 05/06/26 Analyzed: 05/07/26

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.39		8.00		92.4	70-130			

LCS (2619081-BS1)

Prepared: 05/06/26 Analyzed: 05/07/26

Benzene	4.61	0.0250	5.00		92.2	70-130			
Ethylbenzene	4.43	0.0250	5.00		88.7	70-130			
Toluene	4.60	0.0250	5.00		91.9	70-130			
o-Xylene	4.47	0.0250	5.00		89.3	70-130			
p,m-Xylene	9.05	0.0500	10.0		90.5	70-130			
Total Xylenes	13.5	0.0250	15.0		90.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.29		8.00		91.1	70-130			

Matrix Spike (2619081-MS1)

Source: E605042-01

Prepared: 05/06/26 Analyzed: 05/09/26

Benzene	5.10	0.0250	5.00	ND	102	70-130			
Ethylbenzene	4.75	0.0250	5.00	ND	95.0	70-130			
Toluene	4.96	0.0250	5.00	ND	99.2	70-130			
o-Xylene	4.85	0.0250	5.00	ND	97.1	70-130			
p,m-Xylene	9.75	0.0500	10.0	ND	97.5	70-130			
Total Xylenes	14.6	0.0250	15.0	ND	97.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.72		8.00		96.5	70-130			

Matrix Spike Dup (2619081-MSD1)

Source: E605042-01

Prepared: 05/06/26 Analyzed: 05/08/26

Benzene	4.99	0.0250	5.00	ND	99.7	70-130	2.23	20	
Ethylbenzene	4.79	0.0250	5.00	ND	95.8	70-130	0.757	20	
Toluene	4.96	0.0250	5.00	ND	99.2	70-130	0.0675	20	
o-Xylene	4.84	0.0250	5.00	ND	96.8	70-130	0.273	20	
p,m-Xylene	9.74	0.0500	10.0	ND	97.4	70-130	0.101	20	
Total Xylenes	14.6	0.0250	15.0	ND	97.2	70-130	0.158	20	
Surrogate: 4-Bromochlorobenzene-PID	7.59		8.00		94.9	70-130			



QC Summary Data

Matador Production Company	Project Name:	Grevey TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/11/2026 4:54:53PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2619081-BLK1) Prepared: 05/06/26 Analyzed: 05/07/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.74		8.00		84.2	70-130			

LCS (2619081-BS2) Prepared: 05/06/26 Analyzed: 05/07/26

Gasoline Range Organics (C6-C10)	39.7	20.0	50.0		79.4	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.73		8.00		84.2	70-130			

Matrix Spike (2619081-MS2) Source: E605042-01 Prepared: 05/06/26 Analyzed: 05/08/26

Gasoline Range Organics (C6-C10)	38.4	20.0	50.0	ND	76.8	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.87		8.00		85.8	70-130			

Matrix Spike Dup (2619081-MSD2) Source: E605042-01 Prepared: 05/06/26 Analyzed: 05/08/26

Gasoline Range Organics (C6-C10)	39.1	20.0	50.0	ND	78.2	60-137	1.71	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.72		8.00		84.0	70-130			



QC Summary Data

Matador Production Company	Project Name:	Grevey TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/11/2026 4:54:53PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2619111-BLK1)					Prepared: 05/07/26 Analyzed: 05/07/26				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	72.2		50.0		144	69-135			S3

LCS (2619111-BS1)					Prepared: 05/07/26 Analyzed: 05/07/26				
Diesel Range Organics (C10-C28)	239	25.0	250		95.6	70-131			
Surrogate: n-Nonane	54.3		50.0		109	69-135			

Matrix Spike (2619111-MS1)					Source: E605044-02		Prepared: 05/07/26 Analyzed: 05/07/26		
Diesel Range Organics (C10-C28)	262	25.0	250	ND	105	62-151			
Surrogate: n-Nonane	58.0		50.0		116	69-135			

Matrix Spike Dup (2619111-MSD1)					Source: E605044-02		Prepared: 05/07/26 Analyzed: 05/07/26		
Diesel Range Organics (C10-C28)	260	25.0	250	ND	104	62-151	1.04	20	
Surrogate: n-Nonane	55.2		50.0		110	69-135			



QC Summary Data

Matador Production Company	Project Name:	Grevey TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/11/2026 4:54:53PM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2619099-BLK1)					Prepared: 05/06/26 Analyzed: 05/06/26				
Chloride	ND	20.0							
LCS (2619099-BS1)					Prepared: 05/06/26 Analyzed: 05/06/26				
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2619099-MS1)					Source: E605042-04		Prepared: 05/06/26 Analyzed: 05/06/26		
Chloride	8050	200	250	7600	182	80-120			M4
Matrix Spike Dup (2619099-MSD1)					Source: E605042-04		Prepared: 05/06/26 Analyzed: 05/06/26		
Chloride	7480	200	250	7600	NR	80-120	7.43	20	M4

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



Definitions and Notes

Matador Production Company	Project Name:	Grevey TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Urzedo	05/11/26 16:54

- 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.
- S3 Surrogate spike recovery was outside acceptance limits. 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.



Client Information				Invoice Information		Lab Use Only		TAT				State											
Client: Matador Production Company				Company: Ensolum LLC		Lab WO# E605043		Job Number 23003-0002				<table border="1"> <tr> <td>1D</td> <td>2D</td> <td>3D</td> <td>Std</td> </tr> <tr> <td></td> <td></td> <td></td> <td>X</td> </tr> </table>				1D	2D	3D	Std				X
1D	2D	3D	Std																				
			X																				
Project Name: <u>Grassy TB</u>				Address: 3122 National Parks Hwy								<table border="1"> <tr> <td>NM</td> <td>CO</td> <td>UT</td> <td>TX</td> </tr> <tr> <td>X</td> <td></td> <td></td> <td></td> </tr> </table>				NM	CO	UT	TX	X			
NM	CO	UT	TX																				
X																							
Project Manager: Ashley Urzedo				City, State, Zip: Carlsbad NM, 88220																			
Address: 3122 National Parks Hwy				Phone: 575-988-0055																			
City, State, Zip: Carlsbad NM, 88220				Email: aurzedo@ensolum.com																			
Phone: 575-988-0055				Miscellaneous:																			
Email: aurzedo@ensolum.com																							
Sample Information										Analysis and Method								EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 390.0	TCCQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA					
1111	05-04-26	S	1	FS05 - 0.5'		1								X									
1112		S	1	FS06 - 0.5'		2								X									
1113		S	1	FS19 - 0.5'		3								X									
1114		S	1	FS15 - 0.5'		4								X									
1115		S	1	FS16 - 0.5'		5								X									
1117		S	1	FS25 - 0.5'		6								X									
1118		S	1	FS29 - 0.5'		7								X									
1119		S	1	FS31 - 0.5'		8								X									
Additional Instructions: Preserved on Ice. Please CC: cburton@ensolum.com, aurzedo@ensolum.com, lestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, jmccauley@ensolum.com, eplugge@ensolum.com, usantillana@ensolum.com, llinehan@ensolum.com, kelsie.smith@ensolum.com, llewis@ensolum.com, ahagar@ensolum.com																							
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																							
Sampled by: <u>Jared McCooly</u>																							
Relinquished by: (Signature) <u>Jh</u>		Date	Time	Received by: (Signature) <u>Michelle Gonzales</u>		Date	Time	Received by: (Signature) <u>Marissa Gonzales</u>		Date	Time	Received by: (Signature) <u>Johnny Archuleta</u>		Date	Time	Received by: (Signature) <u>Nor</u>		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.					
Relinquished by: (Signature) <u>Michelle Gonzales</u>		Date	Time	Received by: (Signature) <u>Marissa Gonzales</u>		Date	Time	Received by: (Signature) <u>Johnny Archuleta</u>		Date	Time	Received by: (Signature) <u>Nor</u>		Date	Time	Received by: (Signature) <u>Nor</u>		Lab Use Only					
Relinquished by: (Signature) <u>Marissa Gonzales</u>		Date	Time	Received by: (Signature) <u>Johnny Archuleta</u>		Date	Time	Received by: (Signature) <u>Nor</u>		Date	Time	Received by: (Signature) <u>Nor</u>		Date	Time	Received by: (Signature) <u>Nor</u>		Received on ice:					
Relinquished by: (Signature) <u>Johnny Archuleta</u>		Date	Time	Received by: (Signature) <u>Nor</u>		Date	Time	Received by: (Signature) <u>Nor</u>		Date	Time	Received by: (Signature) <u>Nor</u>		Date	Time	Received by: (Signature) <u>Nor</u>		Y N					
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Received by: (Signature)							
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																							
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																							
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																							

Envirotech Analytical Laboratory

Printed: 5/6/2026 8:31:46AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.**If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.**

Client:	Matador Production Company	Date Received:	05/06/26 06:15	Work Order ID:	E605043
Phone:	(972) 371-5200	Date Logged In:	05/05/26 16:02	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	05/12/26 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: Courier**Comments/Resolution****Sample Turn Around Time (TAT)**

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Ashley Urzedo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Production Company

Project Name: Grevey Com TB

Work Order: E605068

Job Number: 23003-0002

Received: 5/8/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/14/26

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 5/14/26

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



Project Name: Grevey Com TB
Workorder: E605068
Date Received: 5/8/2026 7:30:00AM

Ashley Urzedo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/8/2026 7:30:00AM, under the Project Name: Grevey Com TB.

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

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

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

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

Respectfully,

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

Raina Schwanz
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Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
FS23-1'	5
FS24-0.5'	6
FS27-1'	7
FS28-0.5'	8
FS30-1'	9
FS32-0.5'	10
SW01-0.5'-1'	11
QC Summary Data	12
QC - Volatile Organics by EPA 8021B	12
QC - Nonhalogenated Organics by EPA 8015D - GRO	13
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	14
QC - Anions by EPA 300.0/9056A	15
Definitions and Notes	16
Chain of Custody etc.	17

Sample Summary

Matador Production Company	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Urzedo	05/14/26 12:01

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS23-1'	E605068-01A	Soil	05/06/26	05/08/26	Glass Jar, 2 oz.
FS24-0.5'	E605068-02A	Soil	05/06/26	05/08/26	Glass Jar, 2 oz.
FS27-1'	E605068-03A	Soil	05/06/26	05/08/26	Glass Jar, 2 oz.
FS28-0.5'	E605068-04A	Soil	05/06/26	05/08/26	Glass Jar, 2 oz.
FS30-1'	E605068-05A	Soil	05/06/26	05/08/26	Glass Jar, 2 oz.
FS32-0.5'	E605068-06A	Soil	05/06/26	05/08/26	Glass Jar, 2 oz.
SW01-0.5'-1'	E605068-07A	Soil	05/06/26	05/08/26	Glass Jar, 2 oz.



Sample Data

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

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/14/2026 12:01:00PM

FS23-1'

E605068-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2619134	
Benzene	ND	0.0250	1	05/08/26	05/08/26	
Ethylbenzene	ND	0.0250	1	05/08/26	05/08/26	
Toluene	ND	0.0250	1	05/08/26	05/08/26	
o-Xylene	ND	0.0250	1	05/08/26	05/08/26	
p,m-Xylene	ND	0.0500	1	05/08/26	05/08/26	
Total Xylenes	ND	0.0250	1	05/08/26	05/08/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		87.1 %	70-130	05/08/26	05/08/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2619134	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/26	05/08/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.2 %	70-130	05/08/26	05/08/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB		Batch: 2619151	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/08/26	05/09/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/08/26	05/09/26	
<i>Surrogate: n-Nonane</i>		105 %	69-135	05/08/26	05/09/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: CLM		Batch: 2619143	
Chloride	1850	20.0	1	05/08/26	05/11/26	



Sample Data

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

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/14/2026 12:01:00PM

FS24-0.5'

E605068-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2619134
Benzene	ND	0.0250	1	05/08/26	05/08/26	
Ethylbenzene	ND	0.0250	1	05/08/26	05/08/26	
Toluene	ND	0.0250	1	05/08/26	05/08/26	
o-Xylene	ND	0.0250	1	05/08/26	05/08/26	
p,m-Xylene	ND	0.0500	1	05/08/26	05/08/26	
Total Xylenes	ND	0.0250	1	05/08/26	05/08/26	
Surrogate: 4-Bromochlorobenzene-PID	86.8 %	70-130		05/08/26	05/08/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2619134
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/26	05/08/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID	88.6 %	70-130		05/08/26	05/08/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: CJB		Batch: 2619151
Diesel Range Organics (C10-C28)	ND	25.0	1	05/08/26	05/09/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/08/26	05/09/26	
Surrogate: n-Nonane	105 %	69-135		05/08/26	05/09/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: CLM		Batch: 2619143
Chloride	1620	40.0	2	05/08/26	05/13/26	



Sample Data

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

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/14/2026 12:01:00PM

FS27-1'

E605068-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2619134	
Benzene	ND	0.0250	1	05/08/26	05/08/26	
Ethylbenzene	ND	0.0250	1	05/08/26	05/08/26	
Toluene	ND	0.0250	1	05/08/26	05/08/26	
o-Xylene	ND	0.0250	1	05/08/26	05/08/26	
p,m-Xylene	ND	0.0500	1	05/08/26	05/08/26	
Total Xylenes	ND	0.0250	1	05/08/26	05/08/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.8 %	70-130		05/08/26	05/08/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2619134	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/26	05/08/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.5 %	70-130		05/08/26	05/08/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: CJB		Batch: 2619151	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/08/26	05/09/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/08/26	05/09/26	
<i>Surrogate: n-Nonane</i>						
	106 %	69-135		05/08/26	05/09/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: CLM		Batch: 2619143	
Chloride	802	20.0	1	05/08/26	05/13/26	



Sample Data

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

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/14/2026 12:01:00PM

FS28-0.5'

E605068-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2619134
Benzene	ND	0.0250	1	05/08/26	05/08/26	
Ethylbenzene	ND	0.0250	1	05/08/26	05/08/26	
Toluene	ND	0.0250	1	05/08/26	05/08/26	
o-Xylene	ND	0.0250	1	05/08/26	05/08/26	
p,m-Xylene	ND	0.0500	1	05/08/26	05/08/26	
Total Xylenes	ND	0.0250	1	05/08/26	05/08/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.8 %	70-130		05/08/26	05/08/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2619134
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/26	05/08/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.9 %	70-130		05/08/26	05/08/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: CJB		Batch: 2619151
Diesel Range Organics (C10-C28)	ND	25.0	1	05/08/26	05/09/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/08/26	05/09/26	
<i>Surrogate: n-Nonane</i>						
	105 %	69-135		05/08/26	05/09/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: CLM		Batch: 2619143
Chloride	439	20.0	1	05/08/26	05/11/26	



Sample Data

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

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/14/2026 12:01:00PM

FS30-1'

E605068-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2619134
Benzene	ND	0.0250	1	05/08/26	05/09/26	
Ethylbenzene	ND	0.0250	1	05/08/26	05/09/26	
Toluene	ND	0.0250	1	05/08/26	05/09/26	
o-Xylene	ND	0.0250	1	05/08/26	05/09/26	
p,m-Xylene	ND	0.0500	1	05/08/26	05/09/26	
Total Xylenes	ND	0.0250	1	05/08/26	05/09/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.8 %	70-130		05/08/26	05/09/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2619134
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/26	05/09/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	85.6 %	70-130		05/08/26	05/09/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: CJB		Batch: 2619151
Diesel Range Organics (C10-C28)	ND	25.0	1	05/08/26	05/09/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/08/26	05/09/26	
<i>Surrogate: n-Nonane</i>						
	107 %	69-135		05/08/26	05/09/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: CLM		Batch: 2619143
Chloride	431	20.0	1	05/08/26	05/13/26	



Sample Data

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

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/14/2026 12:01:00PM

FS32-0.5'

E605068-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2619134
Benzene	ND	0.0250	1	05/08/26	05/09/26	
Ethylbenzene	ND	0.0250	1	05/08/26	05/09/26	
Toluene	ND	0.0250	1	05/08/26	05/09/26	
o-Xylene	ND	0.0250	1	05/08/26	05/09/26	
p,m-Xylene	ND	0.0500	1	05/08/26	05/09/26	
Total Xylenes	ND	0.0250	1	05/08/26	05/09/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.8 %	70-130		05/08/26	05/09/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2619134
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/26	05/09/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	85.3 %	70-130		05/08/26	05/09/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: CJB		Batch: 2619151
Diesel Range Organics (C10-C28)	ND	25.0	1	05/08/26	05/09/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/08/26	05/09/26	
<i>Surrogate: n-Nonane</i>						
	109 %	69-135		05/08/26	05/09/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: CLM		Batch: 2619143
Chloride	292	20.0	1	05/08/26	05/13/26	



Sample Data

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

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/14/2026 12:01:00PM

SW01-0.5'-1'

E605068-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2619134
Benzene	ND	0.0250	1	05/08/26	05/09/26	
Ethylbenzene	ND	0.0250	1	05/08/26	05/09/26	
Toluene	ND	0.0250	1	05/08/26	05/09/26	
o-Xylene	ND	0.0250	1	05/08/26	05/09/26	
p,m-Xylene	ND	0.0500	1	05/08/26	05/09/26	
Total Xylenes	ND	0.0250	1	05/08/26	05/09/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.4 %	70-130		05/08/26	05/09/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2619134
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/26	05/09/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	84.6 %	70-130		05/08/26	05/09/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: CJB		Batch: 2619151
Diesel Range Organics (C10-C28)	ND	25.0	1	05/08/26	05/09/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/08/26	05/09/26	
<i>Surrogate: n-Nonane</i>						
	107 %	69-135		05/08/26	05/09/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: CLM		Batch: 2619143
Chloride	1550	20.0	1	05/08/26	05/13/26	



QC Summary Data

Matador Production Company	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/14/2026 12:01:00PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2619134-BLK1)

Prepared: 05/08/26 Analyzed: 05/08/26

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.72		8.00		84.1	70-130			

LCS (2619134-BS1)

Prepared: 05/08/26 Analyzed: 05/08/26

Benzene	4.48	0.0250	5.00		89.5	70-130			
Ethylbenzene	4.15	0.0250	5.00		82.9	70-130			
Toluene	4.41	0.0250	5.00		88.2	70-130			
o-Xylene	4.21	0.0250	5.00		84.1	70-130			
p,m-Xylene	8.51	0.0500	10.0		85.1	70-130			
Total Xylenes	12.7	0.0250	15.0		84.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.01		8.00		87.6	70-130			

Matrix Spike (2619134-MS1)

Source: E605061-07

Prepared: 05/08/26 Analyzed: 05/08/26

Benzene	4.57	0.0250	5.00	ND	91.3	70-130			
Ethylbenzene	4.20	0.0250	5.00	ND	84.0	70-130			
Toluene	4.48	0.0250	5.00	ND	89.6	70-130			
o-Xylene	4.28	0.0250	5.00	ND	85.6	70-130			
p,m-Xylene	8.62	0.0500	10.0	ND	86.2	70-130			
Total Xylenes	12.9	0.0250	15.0	ND	86.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.08		8.00		88.5	70-130			

Matrix Spike Dup (2619134-MSD1)

Source: E605061-07

Prepared: 05/08/26 Analyzed: 05/08/26

Benzene	5.02	0.0250	5.00	ND	100	70-130	9.44	20	
Ethylbenzene	4.63	0.0250	5.00	ND	92.5	70-130	9.67	20	
Toluene	4.93	0.0250	5.00	ND	98.6	70-130	9.48	20	
o-Xylene	4.69	0.0250	5.00	ND	93.8	70-130	9.09	20	
p,m-Xylene	9.47	0.0500	10.0	ND	94.7	70-130	9.44	20	
Total Xylenes	14.2	0.0250	15.0	ND	94.4	70-130	9.32	20	
Surrogate: 4-Bromochlorobenzene-PID	7.05		8.00		88.2	70-130			



QC Summary Data

Matador Production Company	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/14/2026 12:01:00PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2619134-BLK1) Prepared: 05/08/26 Analyzed: 05/08/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.18		8.00		89.7	70-130			

LCS (2619134-BS2) Prepared: 05/08/26 Analyzed: 05/08/26

Gasoline Range Organics (C6-C10)	47.9	20.0	50.0		95.7	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.06		8.00		88.3	70-130			

Matrix Spike (2619134-MS2) Source: E605061-07 Prepared: 05/08/26 Analyzed: 05/08/26

Gasoline Range Organics (C6-C10)	52.1	20.0	50.0	ND	104	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.13		8.00		89.1	70-130			

Matrix Spike Dup (2619134-MSD2) Source: E605061-07 Prepared: 05/08/26 Analyzed: 05/08/26

Gasoline Range Organics (C6-C10)	48.6	20.0	50.0	ND	97.2	60-137	6.95	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.18		8.00		89.7	70-130			



QC Summary Data

Matador Production Company	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/14/2026 12:01:00PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: CJB

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2619151-BLK1)					Prepared: 05/08/26 Analyzed: 05/08/26				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.1		50.0		108	69-135			

LCS (2619151-BS1)					Prepared: 05/08/26 Analyzed: 05/08/26				
Diesel Range Organics (C10-C28)	242	25.0	250		96.8	70-131			
Surrogate: n-Nonane	52.8		50.0		106	69-135			

Matrix Spike (2619151-MS1)					Source: E605061-08		Prepared: 05/08/26 Analyzed: 05/08/26		
Diesel Range Organics (C10-C28)	248	25.0	250	ND	99.2	62-151			
Surrogate: n-Nonane	54.0		50.0		108	69-135			

Matrix Spike Dup (2619151-MSD1)					Source: E605061-08		Prepared: 05/08/26 Analyzed: 05/08/26		
Diesel Range Organics (C10-C28)	244	25.0	250	ND	97.8	62-151	1.43	20	
Surrogate: n-Nonane	53.6		50.0		107	69-135			



QC Summary Data

Matador Production Company	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/14/2026 12:01:00PM

Anions by EPA 300.0/9056A

Analyst: CLM

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

Blank (2619143-BLK1)					Prepared: 05/08/26 Analyzed: 05/11/26				
Chloride	ND	20.0							
LCS (2619143-BS1)					Prepared: 05/08/26 Analyzed: 05/12/26				
Chloride	269	20.0	250		108	90-110			
Matrix Spike (2619143-MS1)					Source: E605068-04		Prepared: 05/08/26 Analyzed: 05/11/26		
Chloride	716	20.0	250	439	111	80-120			
Matrix Spike Dup (2619143-MSD1)					Source: E605068-04		Prepared: 05/08/26 Analyzed: 05/11/26		
Chloride	706	20.0	250	439	107	80-120	1.40	20	

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



Definitions and Notes

Matador Production Company	Project Name:	Grevey Com TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Urzedo	05/14/26 12:01

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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



Chain of Custody

Client Information				Invoice Information		Lab Use Only		TAT				State											
Client: Matador Production Company				Company: Ensolum LLC		Lab WO# E105068		Job Number 23003-0002				<table border="1"> <tr> <td>1D</td> <td>2D</td> <td>3D</td> <td>Std</td> </tr> <tr> <td></td> <td></td> <td></td> <td>X</td> </tr> </table>				1D	2D	3D	Std				X
1D	2D	3D	Std																				
			X																				
Project: Grevey Com TB				Address: 3122 National Parks Hwy								<table border="1"> <tr> <td>NM</td> <td>CO</td> <td>UT</td> <td>TX</td> </tr> <tr> <td>X</td> <td></td> <td></td> <td></td> </tr> </table>				NM	CO	UT	TX	X			
NM	CO	UT	TX																				
X																							
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220																			
Address: 3122 National Parks Hwy				Phone: 575-988-0055																			
City, State, Zip: Carlsbad NM, 88220				Email: agiovengo@ensolum.com																			
Phone: 575-988-0055				Miscellaneous:																			
Email: agiovengo@ensolum.com																							
Sample Information						Analysis and Method								EPA Program									
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	SDWA	CWA	RCRA						
10:58	5/6/2026	S	1	FS23-1'		1						X											
14:08	5/6/2026	S	1	FS24-0.5'		2						X											
14:13	5/6/2026	S	1	FS27-1'		3						X											
14:20	5/6/2026	S	1	FS28-0.5'		4						X											
14:16	5/6/2026	S	1	FS30-1'		5						X											
10:55	5/6/2026	S	1	FS32-0.5'		6						X											
12:50	5/6/2026	S	1	SW01-0.1' - 0.5-1'		7						X											
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, chamilton@ensolum.com, iestrella@ensoulm.com, bsimmons@ensolum.com, igonzalez@ensolum.com, bmoir@ensolum.com, oaderinto@ensolum.com I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Aboubakar Kone																							
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 5 °C on subsequent days. Lab Use Only Received on ice: ☒ Y / ☐ N T1 _____ T2 _____ T3 _____ AVG Temp °C _____															
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time																
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time																
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time																
Michelle Gonzales		5-7-26	7:11	Michelle Gonzales		5-7-26	0711																
Michelle Gonzales		5-7-26	1600	Marissa Gonzales		5-7-26	1600																
Marissa Gonzales		5-7-26	20:15	Johnny Archuleta		5-7-26	2015																
Johnny Archuleta		5-7-26	0000	Cuth Mar		5-8-26	730																
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other								Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA															
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																							



envirotech

Envirotech Analytical Laboratory

Printed: 5/8/2026 12:14:30PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Matador Production Company	Date Received:	05/08/26 07:30	Work Order ID:	E605068
Phone:	(972) 371-5200	Date Logged In:	05/07/26 16:19	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	05/14/26 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Ashley Urzedo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Production Company

Project Name: Grevey Com TB

Work Order: E605084

Job Number: 23003-0002

Received: 5/11/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/15/26

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 5/15/26



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

Project Name: Grevey Com TB
Workorder: E605084
Date Received: 5/11/2026 8:00:00AM

Ashley Urzedo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/11/2026 8:00:00AM, under the Project Name: Grevey Com TB.

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

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
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Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
FS17-0.5'	5
FS18-0.5'	6
FS20-0.5'	7
FS21-0.5'	8
FS26-0.5'	9
FS33-0.5'	10
SW02-0.5'-1'	11
QC Summary Data	12
QC - Volatile Organics by EPA 8021B	12
QC - Nonhalogenated Organics by EPA 8015D - GRO	13
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	14
QC - Anions by EPA 300.0/9056A	15
Definitions and Notes	16
Chain of Custody etc.	17

Sample Summary

Matador Production Company	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Urzedo	05/15/26 11:36

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS17-0.5'	E605084-01A	Soil	05/07/26	05/11/26	Glass Jar, 2 oz.
FS18-0.5'	E605084-02A	Soil	05/07/26	05/11/26	Glass Jar, 2 oz.
FS20-0.5'	E605084-03A	Soil	05/07/26	05/11/26	Glass Jar, 2 oz.
FS21-0.5'	E605084-04A	Soil	05/07/26	05/11/26	Glass Jar, 2 oz.
FS26-0.5'	E605084-05A	Soil	05/07/26	05/11/26	Glass Jar, 2 oz.
FS33-0.5'	E605084-06A	Soil	05/07/26	05/11/26	Glass Jar, 2 oz.
SW02-0.5'-1'	E605084-07A	Soil	05/07/26	05/11/26	Glass Jar, 2 oz.



Sample Data

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

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/15/2026 11:36:03AM

FS17-0.5'

E605084-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2620002
Benzene	ND	0.0250	1	05/11/26	05/11/26	
Ethylbenzene	ND	0.0250	1	05/11/26	05/11/26	
Toluene	ND	0.0250	1	05/11/26	05/11/26	
o-Xylene	ND	0.0250	1	05/11/26	05/11/26	
p,m-Xylene	ND	0.0500	1	05/11/26	05/11/26	
Total Xylenes	ND	0.0250	1	05/11/26	05/11/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	05/11/26	05/11/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2620002
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/11/26	05/11/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.1 %	70-130	05/11/26	05/11/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2620041
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/26	05/12/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/26	05/12/26	
<i>Surrogate: n-Nonane</i>		96.0 %	69-135	05/12/26	05/12/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2620027
Chloride	1600	40.0	2	05/11/26	05/11/26	



Sample Data

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

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/15/2026 11:36:03AM

FS18-0.5'

E605084-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2620002
Benzene	ND	0.0250	1	05/11/26	05/11/26	
Ethylbenzene	ND	0.0250	1	05/11/26	05/11/26	
Toluene	ND	0.0250	1	05/11/26	05/11/26	
o-Xylene	ND	0.0250	1	05/11/26	05/11/26	
p,m-Xylene	ND	0.0500	1	05/11/26	05/11/26	
Total Xylenes	ND	0.0250	1	05/11/26	05/11/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.1 %	70-130		05/11/26	05/11/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2620002
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/11/26	05/11/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.0 %	70-130		05/11/26	05/11/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2620041
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/26	05/12/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/26	05/12/26	
<i>Surrogate: n-Nonane</i>						
	98.4 %	69-135		05/12/26	05/12/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2620027
Chloride	2180	40.0	2	05/11/26	05/11/26	



Sample Data

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

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/15/2026 11:36:03AM

FS20-0.5'

E605084-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: MB		Batch: 2620002	
Benzene	ND	0.0250	1	05/11/26	05/11/26	
Ethylbenzene	ND	0.0250	1	05/11/26	05/11/26	
Toluene	ND	0.0250	1	05/11/26	05/11/26	
o-Xylene	ND	0.0250	1	05/11/26	05/11/26	
p,m-Xylene	ND	0.0500	1	05/11/26	05/11/26	
Total Xylenes	ND	0.0250	1	05/11/26	05/11/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	05/11/26	05/11/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: MB		Batch: 2620002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/11/26	05/11/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.8 %	70-130	05/11/26	05/11/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2620041	
Diesel Range Organics (C10-C28)	70.7	25.0	1	05/12/26	05/12/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/26	05/12/26	
<i>Surrogate: n-Nonane</i>						
		97.6 %	69-135	05/12/26	05/12/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2620027	
Chloride	188	20.0	1	05/11/26	05/12/26	



Sample Data

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

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/15/2026 11:36:03AM

FS21-0.5'

E605084-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: MB		Batch: 2620002	
Benzene	ND	0.0250	1	05/11/26	05/11/26	
Ethylbenzene	ND	0.0250	1	05/11/26	05/11/26	
Toluene	ND	0.0250	1	05/11/26	05/11/26	
o-Xylene	ND	0.0250	1	05/11/26	05/11/26	
p,m-Xylene	ND	0.0500	1	05/11/26	05/11/26	
Total Xylenes	ND	0.0250	1	05/11/26	05/11/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	05/11/26	05/11/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: MB		Batch: 2620002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/11/26	05/11/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.8 %	70-130	05/11/26	05/11/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2620041	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/26	05/12/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/26	05/12/26	
<i>Surrogate: n-Nonane</i>						
		97.3 %	69-135	05/12/26	05/12/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2620027	
Chloride	1170	20.0	1	05/11/26	05/12/26	



Sample Data

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

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/15/2026 11:36:03AM

FS26-0.5'

E605084-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2620002
Benzene	ND	0.0250	1	05/11/26	05/11/26	
Ethylbenzene	ND	0.0250	1	05/11/26	05/11/26	
Toluene	ND	0.0250	1	05/11/26	05/11/26	
o-Xylene	ND	0.0250	1	05/11/26	05/11/26	
p,m-Xylene	ND	0.0500	1	05/11/26	05/11/26	
Total Xylenes	ND	0.0250	1	05/11/26	05/11/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.9 %	70-130		05/11/26	05/11/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2620002
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/11/26	05/11/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.5 %	70-130		05/11/26	05/11/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2620041
Diesel Range Organics (C10-C28)	131	25.0	1	05/12/26	05/12/26	
Oil Range Organics (C28-C36)	52.4	50.0	1	05/12/26	05/12/26	
<i>Surrogate: n-Nonane</i>						
	98.3 %	69-135		05/12/26	05/12/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2620027
Chloride	192	20.0	1	05/11/26	05/12/26	



Sample Data

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

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/15/2026 11:36:03AM

FS33-0.5'

E605084-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: MB		Batch: 2620002	
Benzene	ND	0.0250	1	05/11/26	05/11/26	
Ethylbenzene	ND	0.0250	1	05/11/26	05/11/26	
Toluene	ND	0.0250	1	05/11/26	05/11/26	
o-Xylene	ND	0.0250	1	05/11/26	05/11/26	
p,m-Xylene	ND	0.0500	1	05/11/26	05/11/26	
Total Xylenes	ND	0.0250	1	05/11/26	05/11/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.3 %	70-130		05/11/26	05/11/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: MB		Batch: 2620002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/11/26	05/11/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.9 %	70-130		05/11/26	05/11/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2620041	
Diesel Range Organics (C10-C28)	68.9	25.0	1	05/12/26	05/12/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/26	05/12/26	
<i>Surrogate: n-Nonane</i>						
	103 %	69-135		05/12/26	05/12/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2620027	
Chloride	97.8	20.0	1	05/11/26	05/12/26	



Sample Data

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

Project Name: Grevey Com TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/15/2026 11:36:03AM

SW02-0.5'-1'

E605084-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: MB		Batch: 2620002	
Benzene	ND	0.0250	1	05/11/26	05/11/26	
Ethylbenzene	ND	0.0250	1	05/11/26	05/11/26	
Toluene	ND	0.0250	1	05/11/26	05/11/26	
o-Xylene	ND	0.0250	1	05/11/26	05/11/26	
p,m-Xylene	ND	0.0500	1	05/11/26	05/11/26	
Total Xylenes	ND	0.0250	1	05/11/26	05/11/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.8 %	70-130		05/11/26	05/11/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: MB		Batch: 2620002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/11/26	05/11/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.0 %	70-130		05/11/26	05/11/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2620041	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/26	05/12/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/26	05/12/26	
<i>Surrogate: n-Nonane</i>						
	99.1 %	69-135		05/12/26	05/12/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2620027	
Chloride	276	20.0	1	05/11/26	05/12/26	



QC Summary Data

Matador Production Company	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/15/2026 11:36:03AM

Volatile Organics by EPA 8021B

Analyst: MB

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2620002-BLK1)

Prepared: 05/11/26 Analyzed: 05/11/26

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.76		8.00		97.0	70-130			

LCS (2620002-BS1)

Prepared: 05/11/26 Analyzed: 05/11/26

Benzene	4.60	0.0250	5.00		92.0	70-130			
Ethylbenzene	4.44	0.0250	5.00		88.9	70-130			
Toluene	4.50	0.0250	5.00		90.1	70-130			
o-Xylene	4.44	0.0250	5.00		88.9	70-130			
p,m-Xylene	9.00	0.0500	10.0		90.0	70-130			
Total Xylenes	13.4	0.0250	15.0		89.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.01		8.00		100	70-130			

Matrix Spike (2620002-MS1)

Source: E605084-04

Prepared: 05/11/26 Analyzed: 05/11/26

Benzene	4.74	0.0250	5.00	ND	94.8	70-130			
Ethylbenzene	4.57	0.0250	5.00	ND	91.4	70-130			
Toluene	4.64	0.0250	5.00	ND	92.8	70-130			
o-Xylene	4.59	0.0250	5.00	ND	91.8	70-130			
p,m-Xylene	9.28	0.0500	10.0	ND	92.8	70-130			
Total Xylenes	13.9	0.0250	15.0	ND	92.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.01		8.00		100	70-130			

Matrix Spike Dup (2620002-MSD1)

Source: E605084-04

Prepared: 05/11/26 Analyzed: 05/11/26

Benzene	5.30	0.0250	5.00	ND	106	70-130	11.2	20	
Ethylbenzene	5.12	0.0250	5.00	ND	102	70-130	11.3	20	
Toluene	5.18	0.0250	5.00	ND	104	70-130	11.1	20	
o-Xylene	5.14	0.0250	5.00	ND	103	70-130	11.4	20	
p,m-Xylene	10.4	0.0500	10.0	ND	104	70-130	11.0	20	
Total Xylenes	15.5	0.0250	15.0	ND	103	70-130	11.1	20	
Surrogate: 4-Bromochlorobenzene-PID	8.15		8.00		102	70-130			



QC Summary Data

Matador Production Company	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/15/2026 11:36:03AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: MB

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2620002-BLK1) Prepared: 05/11/26 Analyzed: 05/11/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.67		8.00		95.9	70-130			

LCS (2620002-BS2) Prepared: 05/11/26 Analyzed: 05/11/26

Gasoline Range Organics (C6-C10)	51.2	20.0	50.0		102	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.60		8.00		94.9	70-130			

Matrix Spike (2620002-MS2) Source: E605084-04 Prepared: 05/11/26 Analyzed: 05/11/26

Gasoline Range Organics (C6-C10)	58.0	20.0	50.0	ND	116	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.04		8.00		88.0	70-130			

Matrix Spike Dup (2620002-MSD2) Source: E605084-04 Prepared: 05/11/26 Analyzed: 05/11/26

Gasoline Range Organics (C6-C10)	55.1	20.0	50.0	ND	110	60-137	5.07	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.11		8.00		88.9	70-130			



QC Summary Data

Matador Production Company	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/15/2026 11:36:03AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2620041-BLK1) Prepared: 05/12/26 Analyzed: 05/12/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.0		50.0		92.0	69-135			

LCS (2620041-BS1) Prepared: 05/12/26 Analyzed: 05/12/26

Diesel Range Organics (C10-C28)	247	25.0	250		98.6	70-131			
Surrogate: n-Nonane	46.4		50.0		92.8	69-135			

Matrix Spike (2620041-MS1) Source: E605084-04 Prepared: 05/12/26 Analyzed: 05/12/26

Diesel Range Organics (C10-C28)	268	25.0	250	ND	107	62-151			
Surrogate: n-Nonane	48.7		50.0		97.4	69-135			

Matrix Spike Dup (2620041-MSD1) Source: E605084-04 Prepared: 05/12/26 Analyzed: 05/12/26

Diesel Range Organics (C10-C28)	257	25.0	250	ND	103	62-151	4.11	20	
Surrogate: n-Nonane	47.6		50.0		95.3	69-135			



QC Summary Data

Matador Production Company	Project Name:	Grevey Com TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/15/2026 11:36:03AM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2620027-BLK1)					Prepared: 05/11/26 Analyzed: 05/11/26				
Chloride	ND	20.0							
LCS (2620027-BS1)					Prepared: 05/11/26 Analyzed: 05/11/26				
Chloride	276	20.0	250		110	90-110			
Matrix Spike (2620027-MS1)					Source: E605081-02		Prepared: 05/11/26 Analyzed: 05/11/26		
Chloride	349	20.0	250	73.3	110	80-120			
Matrix Spike Dup (2620027-MSD1)					Source: E605081-02		Prepared: 05/11/26 Analyzed: 05/11/26		
Chloride	349	20.0	250	73.3	110	80-120	0.0759	20	

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



Definitions and Notes

Matador Production Company	Project Name:	Grevey Com TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Urzedo	05/15/26 11:36

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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



Chain of Custody

Page 1 of 1

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Matador Production Company				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: Grevey Com TB				Address: 3122 National Parks Hwy				ECL05084		23003-0002					X	X			
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220															
Address: 3122 National Parks Hwy				Phone: 575-988-0055															
City, State, Zip: Carlsbad NM, 88220				Email: agiovengo@ensolum.com															
Phone: 575-988-0055				Miscellaneous:															
Email: agiovengo@ensolum.com																			
Sample Information								Analysis and Method								EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	SDWA	CWA	RCRA	
																Compliance	Y	or	N
																PWSID #			
																Remarks			
12:30	5/7/2026	S	1	FS17-0.5'		1							X						3.2
13:20	5/7/2026	S	1	FS18-0.5'		2							X						3.0
14:30	5/7/2026	S	1	FS20-0.5'		3							X						3.9
13:46	5/7/2026	S	1	FS21-0.5'		4							X						3.3
13:36	5/7/2026	S	1	FS26-0.5'		5							X						3.6
12:33	5/7/2026	S	1	FS33-0.5'		6							X						3.8
14:02	5/7/2026	S	1	SW02-0.5'-1'		7							X						3.5
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, chamilton@ensolum.com, iestrella@ensoulm.com, bsimmons@ensolum.com, igonzalez@ensolum.com, bmoir@ensolum.com, oaderinto@ensolum.com																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by: Aoubakar Kone																			
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: ☒ Y / ☐ N T1 _____ T2 _____ T3 _____ AVG Temp °C _____							
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
5/8/26		5/8/26		7:11		Marissa Gonzalez		5/8/26		0711									
Marissa Gonzalez		5/8/26		1330		Nathan Gonzalez		5/8/26		1330									
Nathan Gonzalez		5/8/26		1620		Johnny Archuleta		5-8-26		1620									
Johnny Archuleta		5-8-26		2020		Cuth Man		5-11-26		800									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA									
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			



envirotech

Envirotech Analytical Laboratory

Printed: 5/11/2026 8:33:01AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Matador Production Company	Date Received:	05/11/26 08:00	Work Order ID:	E605084
Phone:	(972) 371-5200	Date Logged In:	05/08/26 14:40	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	05/15/26 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Carrier: Courier

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client InstructionComments/Resolution

L-NS
R-NV

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

Date



envirotech Inc.



APPENDIX E

NMOCD Correspondence

From: [Buchanan, Michael, EMNRD](#)
To: [Ashley Urzedo](#)
Cc: [Jason Touchet](#); [Chad Hamilton](#)
Subject: RE: [EXTERNAL] Extension Request - Matador Production Company - Grevey Com TB - nAPP2604143344
Date: Monday, May 11, 2026 4:23:31 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)

[**EXTERNAL EMAIL**]

Good afternoon, Ashley

The request for an additional 90-days from the current deadline of May 11, 2026, is approved for the Grevey Com TB site. I will update the incident file to reflect this change and amend the new deadline to Wednesday, August 12, 2026.

Please keep a copy of this correspondence for your records and include it with the closure report.

Thank you,

From: Ashley Urzedo <agiovengo@ensolum.com>
Sent: Monday, May 11, 2026 10:43 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Jason Touchet <jason.touchet@matadorresources.com>; Chad Hamilton <chamilton@ensolum.com>
Subject: [EXTERNAL] Extension Request - Matador Production Company - Grevey Com TB - nAPP2604143344

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

Greetings,

Matador Production Company (Matador) is requesting an extension for submitting a remediation work plan or closure report required in 19.15.29.12.B.(1) NMAC at the Grevey Com TB (Site) (Incident Number nAPP2604143344). On February 9, 2026, a 2-inch all thread nipple failed on the separator water leg resulting in the release of approximately 7 barrels (bbls) of produced water on pad; 1 bbl of produced water were recovered. Matador reported the release to the New Mexico Oil Conservation Division (NMOCD) on February 10, 2026, via web portal. The closest permitted well with available depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) soil boring CP 04791 POD1, located 1.18 miles northwest of the Site; CP 04791 POD1 has a reported depth to water greater than 60 feet below ground surface (bgs). A desktop review for potential site receptors has been completed, and the site is greater than 1,000 ft. to a

freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine (see Figure 1). The closest significant watercourse is an intermittent dry wash located approximately 0.67 miles north of the Site. The Site is not underlain by unstable geology (low potential karst designation area) and there are no indicators of surface or subsurface karst features observed at the Site. Based on the results of the desktop review, the following Site Closure Criteria will apply: 10 mg/kg benzene, 50 mg/kg BTEX, 100 mg/kg Total TPH and 600 mg/kg chloride.

Ensolum personnel have completed lateral delineation soil sampling (SS01 through SS10) via hand auger in accordance with the strictest Closure Criteria at depths ranging from ground surface to 1-foot below ground surface (bgs). Vertical delineation soil sampling in accordance with the strictest Closure Criteria was achieved in boreholes BH01 through BH08 via hand auger and gas-powered core drill at depths ranging from ground surface to 19 feet (ft) bgs see (Figure 2, and Table 1). Beginning on April 27, 2026, Ensolum personnel were onsite to oversee excavation of impacted and waste containing soil; excavation and confirmation soil sampling activities are currently on-going. A soil boring to assess the depth to groundwater at the Site is scheduled to be completed on May 15, 2026. The soil boring will be left open for at least 72-hours to allow to equilibrate before depth to groundwater is measured. Matador intends to complete remediation activities and respectfully requests a 90-day extension until August 7, 2026. Matador will submit a remediation work plan or closure report upon receiving final laboratory analytical data from confirmation soil sampling activities. Please let me know if you have any further questions regarding this site.

Kind Regards,



Ashley Urzedo
Associate Principal
575-988-0055
Ensolum, LLC
in f X

“Your authenticity is your superpower.” – Unknown

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 552401

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 552401
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	Grevery Com TB
Date Release Discovered	02/09/2026
Surface Owner	Private

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

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Separator Produced Water Released: 7 BBL Recovered: 1 BBL Lost: 6 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)	A 2-inch all-thread connection failed on the separator water leg, resulting in the release of approximately 7 bbls of produced water onto the tank battery caliche pad.

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Oil Conservation Division
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Santa Fe, NM 87505

QUESTIONS, Page 2

Action 552401

QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 552401
	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	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

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

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

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Oil Conservation Division
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Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 552401

ACKNOWLEDGMENTS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 552401
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

☒	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
☒	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.
☒	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.

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CONDITIONS

Action 552401

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 552401
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
j_touchet	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	2/10/2026

Impacted Soil	
Saturated Soil (inches)	
	0.5
Area (sq. ft.)	
	5970
Standing fluids	
inches of standing fluid	
bbl estimate of standing fluids	
barrels recovered (if known)	
	1
Soil type	
	pad caliche
Spill type	
	oil/produced water
Barrel estimate in soil	
	5.9
Barrel estimate (standing fluids/ recovered+in soil)	
	6.9

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

QUESTIONS

Action 552711

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 552711
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2604143344
Incident Name	NAPP2604143344 GREVEY COM TB @ D-20-26S-35E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received

Location of Release Source

Please answer all the questions in this group.

Site Name	Grevey Com TB
Date Release Discovered	02/09/2026
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: Equipment Failure Separator Produced Water Released: 7 BBL Recovered: 1 BBL Lost: 6 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)	A 2-inch all-thread connection failed on the separator water leg, resulting in the release of approximately 7 bbls of produced water onto the tank battery caliche pad.

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QUESTIONS, Page 2

Action 552711

QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 552711
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

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

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

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

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

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

I hereby agree and sign off to the above statement	Name: Jason Touchet Title: EHS Field Rep Email: jason.touchet@matadorresources.com Date: 02/11/2026
--	--

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Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
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QUESTIONS, Page 3

Action 552711

QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 552711
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
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 and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between ½ and 1 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

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

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CONDITIONS

Action 552711

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 552711
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Initial C141 is approved. A remediation work plan, site characterization plan or remediation closure is due to the OCD no later than 90-days after the date of discovery, not to exceed 05/11/2026.	2/16/2026

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1220 S. St Francis Dr.
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QUESTIONS

Action 578182

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 578182
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2604143344
Incident Name	NAPP2604143344 GREVEY COM TB @ D-20-26S-35E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	Grevey Com TB
Date Release Discovered	02/09/2026
Surface Owner	Private

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	6,394
What is the estimated number of samples that will be gathered	33
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/27/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Liane Linehan @ (832) 444-3211
Please provide any information necessary for navigation to sampling site	32.03373,-103.39646)

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Santa Fe, NM 87505

CONDITIONS

Action 578182

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 578182
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
j_touchet	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/22/2026
j_touchet	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/22/2026

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Santa Fe, NM 87505

QUESTIONS

Action 578189

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 578189
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2604143344
Incident Name	NAPP2604143344 GREVEY COM TB @ D-20-26S-35E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	Grevey Com TB
Date Release Discovered	02/09/2026
Surface Owner	Private

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	6,394
What is the estimated number of samples that will be gathered	33
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/28/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Liane Linehan @ (832) 444-3211
Please provide any information necessary for navigation to sampling site	32.03373,-103.39646

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CONDITIONS

Action 578189

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 578189
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
j_touchet	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/22/2026
j_touchet	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/22/2026

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Santa Fe, NM 87505

QUESTIONS

Action 578191

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 578191
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2604143344
Incident Name	NAPP2604143344 GREVEY COM TB @ D-20-26S-35E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	Grevey Com TB
Date Release Discovered	02/09/2026
Surface Owner	Private

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	6,394
What is the estimated number of samples that will be gathered	33
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/29/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Liane Linehan @ (832) 444-3211
Please provide any information necessary for navigation to sampling site	32.03373,-103.39646)

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CONDITIONS

Action 578191

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 578191
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
j_touchet	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/22/2026
j_touchet	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/22/2026

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QUESTIONS

Action 578192

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 578192
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2604143344
Incident Name	NAPP2604143344 GREVEY COM TB @ D-20-26S-35E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	Grevey Com TB
Date Release Discovered	02/09/2026
Surface Owner	Private

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	6,394
What is the estimated number of samples that will be gathered	33
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/30/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Liane Linehan @ (832) 444-3211
Please provide any information necessary for navigation to sampling site	32.03373,-103.39646

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CONDITIONS

Action 578192

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 578192
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
j_touchet	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/22/2026
j_touchet	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/22/2026

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QUESTIONS

Action 578193

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 578193
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2604143344
Incident Name	NAPP2604143344 GREVEY COM TB @ D-20-26S-35E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	Grevey Com TB
Date Release Discovered	02/09/2026
Surface Owner	Private

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	6,394
What is the estimated number of samples that will be gathered	33
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/01/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Liane Linehan @ (832) 444-3211
Please provide any information necessary for navigation to sampling site	32.03373,-103.39646

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CONDITIONS

Action 578193

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 578193
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
j_touchet	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/22/2026
j_touchet	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/22/2026

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QUESTIONS

Action 580807

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 580807
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2604143344
Incident Name	NAPP2604143344 GREVEY COM TB @ D-20-26S-35E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	Grevey Com TB
Date Release Discovered	02/09/2026
Surface Owner	Private

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	6,394
What is the estimated number of samples that will be gathered	33
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/04/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Liane Linehan @ (832) 444-3211
Please provide any information necessary for navigation to sampling site	32.03373,-103.39646

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CONDITIONS

Action 580807

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 580807
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
j_touchet	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/30/2026
j_touchet	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/30/2026

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QUESTIONS

Action 581109

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 581109
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2604143344
Incident Name	NAPP2604143344 GREVEY COM TB @ D-20-26S-35E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	Grevey Com TB
Date Release Discovered	02/09/2026
Surface Owner	Private

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	6,394
What is the estimated number of samples that will be gathered	33
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/05/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Liane Linehan @ (832) 444-3211
Please provide any information necessary for navigation to sampling site	32.03373,-103.39646

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CONDITIONS

Action 581109

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 581109
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
j_touchet	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	5/1/2026
j_touchet	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	5/1/2026

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QUESTIONS

Action 581390

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 581390
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2604143344
Incident Name	NAPP2604143344 GREVEY COM TB @ D-20-26S-35E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	Grevey Com TB
Date Release Discovered	02/09/2026
Surface Owner	Private

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	6,394
What is the estimated number of samples that will be gathered	33
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/06/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Liane Linehan @ (832) 444-3211
Please provide any information necessary for navigation to sampling site	32.03373,-103.39646

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CONDITIONS

Action 581390

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 581390
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
j_touchet	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	5/4/2026
j_touchet	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	5/4/2026

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QUESTIONS

Action 581391

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 581391
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2604143344
Incident Name	NAPP2604143344 GREVEY COM TB @ D-20-26S-35E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	Grevey Com TB
Date Release Discovered	02/09/2026
Surface Owner	Private

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	6,394
What is the estimated number of samples that will be gathered	33
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/07/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Liane Linehan @ (832) 444-3211
Please provide any information necessary for navigation to sampling site	32.03373,-103.39646

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CONDITIONS

Action 581391

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 581391
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
j_touchet	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	5/4/2026
j_touchet	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	5/4/2026

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

QUESTIONS

Action 582776

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 582776
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2604143344
Incident Name	NAPP2604143344 GREVEY COM TB @ D-20-26S-35E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	Grevey Com TB
Date Release Discovered	02/09/2026
Surface Owner	Private

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	6,394
What is the estimated number of samples that will be gathered	33
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/11/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Liane Linehan @ (832) 444-3211
Please provide any information necessary for navigation to sampling site	32.03373,-103.39646

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CONDITIONS

Action 582776

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 582776
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
j_touchet	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	5/7/2026
j_touchet	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	5/7/2026

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QUESTIONS

Action 604686

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 604686
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2604143344
Incident Name	NAPP2604143344 GREVEY COM TB @ D-20-26S-35E
Incident Type	Produced Water Release
Incident Status	Deferral Request Received

Location of Release Source

Please answer all the questions in this group.

Site Name	GREVEY COM TB
Date Release Discovered	02/09/2026
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: Equipment Failure Separator Produced Water Released: 7 BBL Recovered: 1 BBL Lost: 6 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)	A 2-inch all-thread connection failed on the separator water leg, resulting in the release of approximately 7 bbls of produced water onto the tank battery caliche pad.

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QUESTIONS, Page 2

Action 604686

QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 604686
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

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

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

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

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

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

I hereby agree and sign off to the above statement	Name: Jason Touchet Title: EHS Field Rep Email: jason.touchet@matadorresources.com Date: 07/14/2026
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QUESTIONS, Page 3

Action 604686

QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 604686
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
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 and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between ½ and 1 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>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.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	10500
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	20212
GRO+DRO (EPA SW-846 Method 8015M)	15622
BTEX (EPA SW-846 Method 8021B or 8260B)	25.5
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	04/27/2026
On what date will (or did) the final sampling or liner inspection occur	05/07/2026
On what date will (or was) the remediation complete(d)	05/13/2026
What is the estimated surface area (in square feet) that will be reclaimed	4600
What is the estimated volume (in cubic yards) that will be reclaimed	89
What is the estimated surface area (in square feet) that will be remediated	6394
What is the estimated volume (in cubic yards) that will be remediated	136
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 604686

QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 604686
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Remediation Plan (continued)	
<i>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.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(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	<i>Not answered.</i>
OR which OCD approved well (API) will be used for off-site disposal	<i>Not answered.</i>
OR is the off-site disposal site, to be used, out-of-state	<i>Not answered.</i>
OR is the off-site disposal site, to be used, an NMED facility	Yes
What is the name of the NMED facility	R360 Antelope Ridge
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	<i>Not answered.</i>
(In Situ) Soil Vapor Extraction	<i>Not answered.</i>
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	<i>Not answered.</i>
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	<i>Not answered.</i>
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	<i>Not answered.</i>
Ground Water Abatement pursuant to 19.15.30 NMAC	<i>Not answered.</i>
OTHER (Non-listed remedial process)	<i>Not answered.</i>
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
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: 07/14/2026
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 604686

QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 604686
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Deferral Requests Only	
<i>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.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	Horizontal Separators and process piping
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	1600
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	1126
<i>Per Paragraph (2) of Subsection C of 19.15.29.12 NMAC if contamination is located in areas immediately under or around production equipment such as production tanks, wellheads and pipelines where remediation could cause a major facility deconstruction, the remediation, restoration and reclamation may be deferred with division written approval until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first.</i>	
Enter the facility ID (f#) on which this deferral should be granted	Not answered.
Enter the well API (30-) on which this deferral should be granted	30-025-52041 GREVEY COM #225H
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
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: 07/14/2026

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QUESTIONS, Page 6

Action 604686

QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 604686
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	582776
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/11/2026
What was the (estimated) number of samples that were to be gathered	33
What was the sampling surface area in square feet	6394

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	No
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CONDITIONS

Action 604686

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 604686
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Deferral approved. Deferral of BH04 is approved until plugging and abandonment or a major facility deconstruction, whichever comes first. A complete and accurate remediation report and/or reclamation report will need to be submitted at that time.	7/16/2026