



May 21, 2026

New Mexico Energy Minerals and Natural Resources Department
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

**Re: Closure Request
Biggers Federal East TB
Incident Number nAPP2605855913
Lea County, New Mexico**

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of Matador Production Company (Matador), has prepared this *Closure Request* to document assessment, excavation, and soil sampling activities at the Biggers Federal East TB (Site). The Site is located in Unit O, Section 18, Township 25 South, Range 35 East, in Lea County, New Mexico (32.12464°, -103.40571°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

The purpose of the Site assessment and soil sampling activities was to assess for the presence or absence of impacts to soil following the release of produced water. Based on field observations, remediation activities, and soil sampling laboratory analytical results, Matador is submitting this *Closure Request*, describing Site assessment, excavation, and delineation activities that have occurred and requesting no further action for Incident Number nAPP2605855913.

BACKGROUND

On February 27, 2026, equipment failure resulted in the release of approximately 16 barrels (bbls) of produced water onto the well pad, affecting an area approximately 4,294 square feet in size; 3 bbls of produced water were recovered via vacuum truck. Matador reported the release to the New Mexico Oil Conservation Division (NMOCD) via web portal on February 27, 2026, and submitted a Release Notification Form C-141 (C-141) on March 03, 2026. The release was subsequently assigned Incident Number nAPP2605855913.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented on the initial C-141 application subsection, Site Characterization. Potential Site receptors are identified on Figure 1.

The closest permitted groundwater well with depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) soil boring, C-02296, located approximately 0.50 miles northeast of the Site. The well had a reported depth to groundwater of 230 feet below ground surface (bgs) and a total depth

of 300 feet bgs. There are no regional or Site-specific hydrogeological conditions, such as shallow surface water, karst features, wetlands, or vegetation that suggest the Site is conducive to shallower groundwater conditions. All wells used for depth to groundwater determination are presented on Figure 1. The referenced well record is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is an intermittent dry wash, located approximately 2.9 miles east of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area). Site receptors are identified on Figure 1.

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

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

SITE ASSESMENT AND DELINEATION SOIL SAMPLING ACTIVITIES

From March 2, 2026, through March 13, 2026, Ensolum personnel visited the Site to evaluate the release extent and conduct delineation activities based on information provided on the Form C-141 and visual observations. Fifteen delineation soil samples, SS01 through SS15, were collected at depths ranging from ground surface to 1-foot bgs to assess the lateral extent of the release area. Ten boreholes BH01 through BH10 were advanced via hand auger within the release extent to assess the vertical extent of the release; borehole BH01 was advanced to a depth of 2 feet bgs, boreholes BH02 and BH03 were advanced to a depth of 3 feet bgs, boreholes BH04 through BH08 and BH10 were advanced to a depth of 4 feet bgs, and borehole BH09 was advanced to a depth of 8 feet bgs. Delineation soil samples were collected in each borehole at depths ranging from ground surface to the borehole's terminal depths.

The preliminary soil samples and boreholes were field screened for chloride and TPH utilizing Hatch® QuanTab® chloride test strips and a PetroFLAG® Soil Analyzer System, respectively. The release extent and preliminary 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. Photographs from the Site assessment and delineation activities can be referenced in the Photographic Log included in Appendix C.

The soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice and transported under strict chain-of-custody procedures to Envirotech Analysis 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.

Through the assessment and delineation process, the following nomenclature changes were applied on laboratory chain of custodies:

- Samples SS03B – 0', SS03B – 1', SS05B – 0', and SS05B – 1', collected and submitted to Envirotech under work order number E603019 on March 2, 2026, and SS02B – 0' and SS02B – 1' collected and submitted to Envirotech under work order number E603074 on March 5, 2026, were collected as step-out samples to assess areas not directly adjacent to the visibly stained release extent. These samples were renamed SS03 – 0', SS03 – 1', SS05 – 0', SS05 – 1', SS02 – 0', and SS02 – 1' to prevent confusion in the numbering sequence of the preliminary soil samples.
- Sample SS16A – 0', collected and submitted to Envirotech under work order number E603074 on March 5, 2026, was collected on the opposite side of the tank battery for lateral delineation of the eastern edge of the release where the stained soil abutted active production equipment. Once the release footprint was defined by field screening, fewer samples were needed for laboratory analysis and earlier numbers in the sample sequence were removed. This sample was renamed SS15 to prevent confusion in the numbering sequence presented for this report.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for delineation soil samples collected around the release extent at sample points SS01 through SS15 were in compliance with the strictest Closure Criteria at ground surface and 1-foot bgs. Laboratory analytical results indicated chloride concentrations exceeded the Site Closure Criteria at ground surface in borehole BH02.

Laboratory analytical results for the vertical subsurface delineation soil samples collected from boreholes BH01 through BH10 indicated all COC concentrations were in compliance with the Site Closure Criteria and all terminal samples were in compliance with the strictest criteria at depths ranging from 0.5 feet bgs to 8 feet. The sample collected from the ground surface in BH02 contained chloride exceeding the Site Closure Criteria.

Laboratory analytical results are summarized in Table 1 and the complete laboratory analytical reports are included as Appendix D.

EXCAVATION AND CONFIRMATION SOIL SAMPLING ACTIVITIES

Beginning on April 14, 2026, impacted and waste-containing soil was excavated from the on-pad spill area as indicated by visible staining, field screening activities, and laboratory analytical results at BH02 from delineation soil samples. Excavation activities were performed using a hydro-vac, backhoe, tracked excavator and transport vehicles. To direct excavation activities, Ensolum personnel screened soil for chloride utilizing Hach® chloride QuanTab® test strips and for TPH utilizing a PetroFLAG® soil analyzer system respectively.

Following the removal of impacted soil, Ensolum personnel collected 5-point composite soil samples representing at least 200 square feet from the floor 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. Composite soil samples (FS01 through FS30) were collected from the floor of the excavation at 0.5 feet bgs. Due to the shallow nature of the surface scrape, the sidewall soil samples were incorporated into the floor confirmation samples. The excavation soil samples were collected, handled, and analyzed following the same procedures as described above. The excavation extent and excavation soil sample locations are presented on Figure 3.

The final excavation extent measured approximately 5,902 square feet. A total of approximately 114 cubic yards of impacted and waste-containing soil was removed during the excavation activities. The waste-containing soil was transported and properly disposed of at the Northern Delaware Basin Disposal Facility in Jal New Mexico.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for excavation floor soil samples (FS01 through FS30) indicated all COC concentrations were in compliance with the Site Closure Criteria at 0.5 feet bgs. Laboratory analytical results are summarized in Table 2 and the complete laboratory analytical reports are included as Appendix D.

CLOSURE REQUEST

The release extent has been laterally defined to the strictest Closure Criteria per NMOCD Table I by delineation soil samples SS01 through SS15, collected at depths ranging from ground surface to 1-foot bgs, and vertically by boreholes BH01 through BH09, collected at depths between ground surface and 8 feet bgs. Excavation of impacted soil was completed, and excavation floor samples (FS01 through FS30) collected at 0.5 feet bgs, were all in compliance with the Site Closure Criteria.

Based on the remedial actions completed to date and a depth to groundwater of 230 feet bgs, Matador believes these remedial actions are protective of human health, the environment, and groundwater and as such, respectfully requests closure for Incident Number nAPP2605855913.

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

Sincerely,
Ensolum, LLC



Ashley Urzedo
Associate Principal



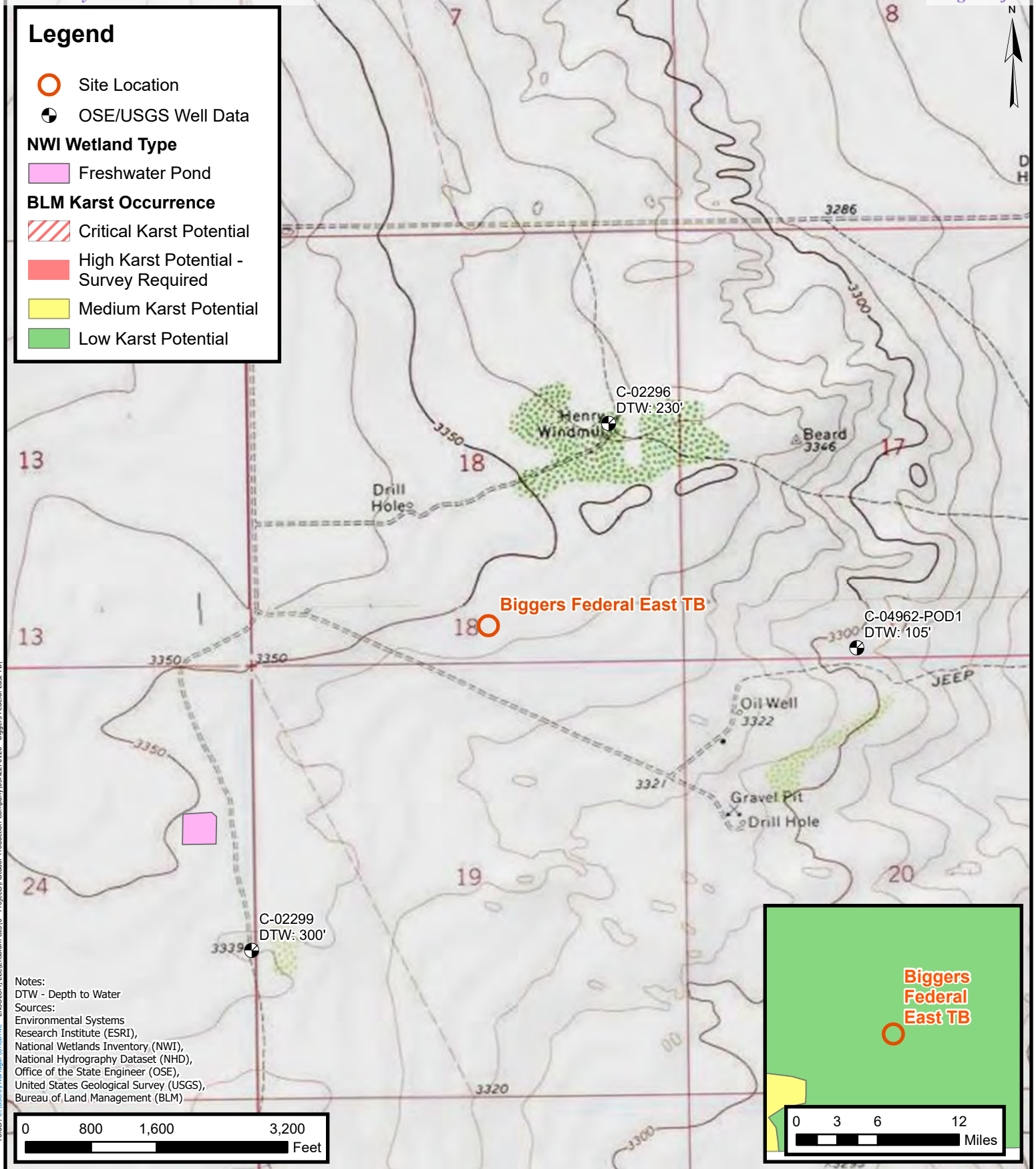
Daniel R. Moir, PG (licensed in WY & TX)
Associate Principal, Geologist

Appendices:

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



FIGURES

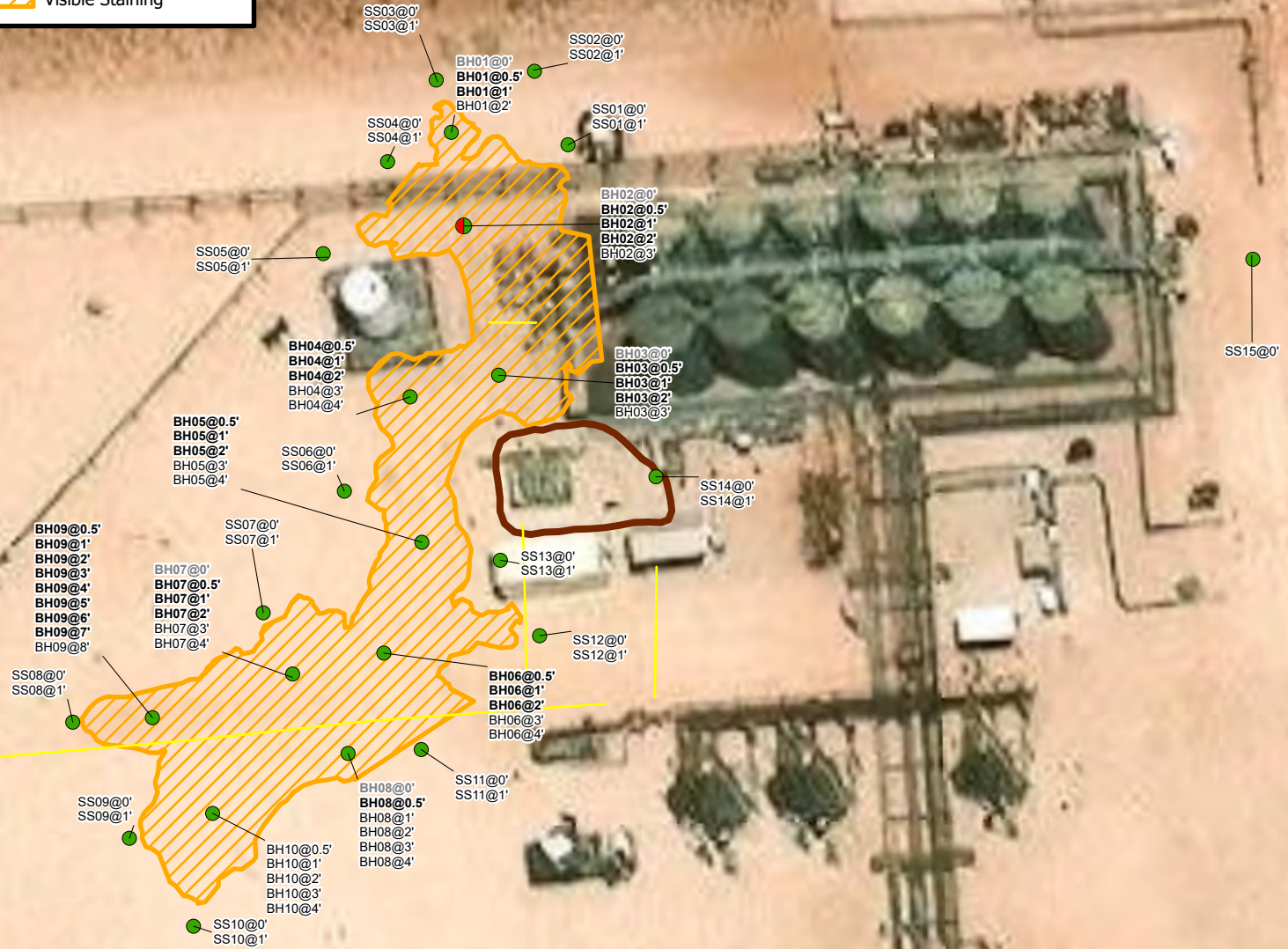


Site Receptor Map
Matador Production Company
Biggers Federal East TB
Incident Number: nAPP2605855913
Unit O, Section 18, T 25S, R 35E
Lea County, New Mexico

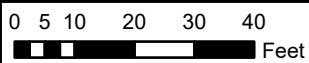
FIGURE
1

Legend

- Delineation Soil Sample with Concentrations Previously Exceeding Closure Criteria
- Delineation Soil Sample with Concentrations Previously Exceeding Closure Criteria
- Oil and Gas Utility Line
- Berm
- Visible Staining



Notes:
 Sample ID @ Depth Below Ground Surface.
 Samples in **bold** indicate sample exceeded applicable Closure Criteria.
 Red text represents samples that exceed Closure Criteria



Sources: Environmental Systems Research Institute (ESRI)

Delineation Soil Sample Locations

Matador Production Company
 Biggers Federal East TB
 Incident Number: nAPP2605855913
 Unit O, Section 18, T 25S, R 35E
 Lea County, New Mexico

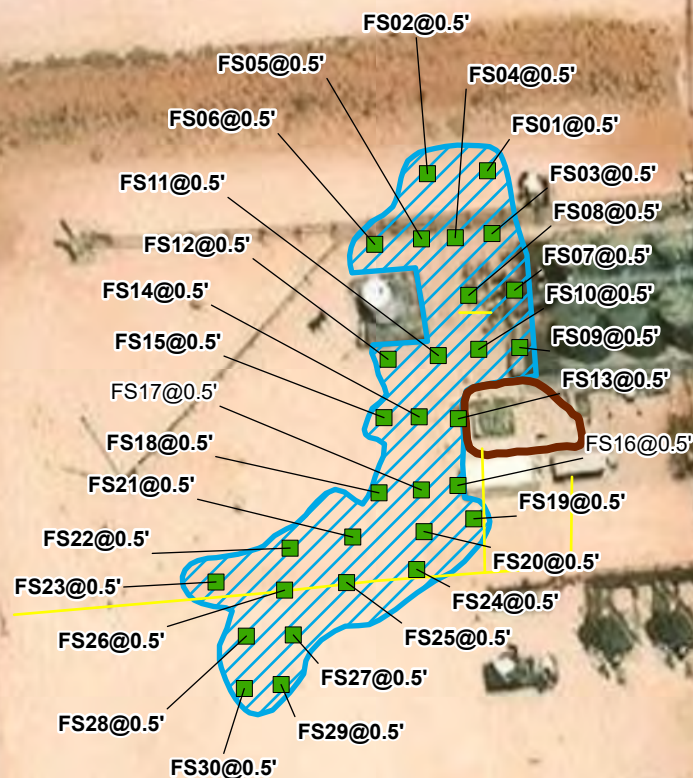
FIGURE

2



Legend

- Excavation Floor Soil
- Sample in Compliance with Closure Criteria
- Oil and Gas Utility Line
- Berm
- Excavation Extent



Notes:
 Sample ID @ Depth Below Ground Surface.
 Samples in **bold** indicate sample exceeded applicable Closure Criteria.

0 12.5 25 50 75 100
 Feet

Sources: Environmental Systems Research Institute (ESRI)



Excavation Soil Sample Locations

Matador Production Company
 Biggers Federal East TB
 Incident Number: nAPP2605855913
 Unit O, Section 18, T 25S, R 35E
 Lea County, New Mexico

FIGURE

3



TABLES



TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
 Biggers Federal East 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	20,000
Delineation Soil Samples										
SS01	3/4/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	104
SS01	3/4/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	112
SS02	3/5/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS02	3/5/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS03	3/2/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS03	3/2/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	56.5
SS04	3/4/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	26.8
SS04	3/4/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	60.1
SS05	3/2/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS05	3/2/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	51.5
SS06	3/4/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	104
SS06	3/4/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	35.0
SS07	3/2/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS07	3/2/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS08	3/2/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS08	3/2/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS09	3/2/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	124
SS09	3/2/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	108
SS10	3/4/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	21.7
SS10	3/4/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS11	3/5/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	343
SS11	3/5/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	59.1
SS12	3/5/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS12	3/5/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS13	3/5/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	21.3
SS13	3/5/2026	1	<0.0250	<0.0500	<20.0	35.9	<50.0	35.9	<50.0	<20.0
SS14	3/13/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	174
SS14	3/13/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	77.9
SS15	3/5/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	117

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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	20,000
Delineation Soil Samples										
BH01	3/9/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	10,700
BH01	3/9/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,160
BH01	3/9/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,350
BH01	3/9/2026	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	62.0
BH02	3/9/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	24,400
BH02	3/9/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	11,400
BH02	3/9/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	10,000
BH02	3/9/2026	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	767
BH02	3/9/2026	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	78.5
BH03	3/9/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	16,600
BH03	3/9/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	11,100
BH03	3/9/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,750
BH03	3/9/2026	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,400
BH03	3/9/2026	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	76.7
BH04	3/18/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	7,700
BH04	3/18/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,860
BH04	3/18/2026	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	791
BH04	3/18/2026	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH04	3/18/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	38.7
BH05	3/18/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,280
BH05	3/18/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,330
BH05	3/18/2026	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,540
BH05	3/18/2026	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	156
BH05	3/18/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	36.0
BH06	3/18/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	9,270
BH06	3/18/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,310
BH06	3/18/2026	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,460
BH06	3/18/2026	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	38.5
BH06	3/18/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	77.6

TABLE 1
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 Matador Production Company
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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	20,000
Delineation Soil Samples										
BH07	3/18/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	8,800
BH07	3/18/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,730
BH07	3/18/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,000
BH07	3/18/2026	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,390
BH07	3/18/2026	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	310
BH07	3/18/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH08	3/18/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	11,000
BH08	3/18/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	877
BH08	3/18/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	175
BH08	3/18/2026	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH08	3/18/2026	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	35.2
BH08	3/18/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	20.8
BH09	3/18/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,330
BH09	3/18/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,040
BH09	3/18/2026	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,540
BH09	3/18/2026	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,050
BH09	3/18/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,020
BH09	3/18/2026	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,230
BH09	3/18/2026	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,390
BH09	3/18/2026	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,100
BH09	3/18/2026	8	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	301

TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS Biggers Federal East 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 Requirement (NMAC 19.15.29.13.D)			10	50	NE	NE	NE	NE	100	600
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
Delineation Soil Samples										
BH10	3/18/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	451
BH10	3/18/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	40.9
BH10	3/18/2026	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH10	3/18/2026	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	57.6
BH10	3/18/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

<: Laboratory Analytical result is less than reporting limit

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

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

TABLE 2
SOIL SAMPLE ANALYTICAL RESULTS
 Biggers Federal East 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	20,000
Excavation Floor Soil Samples										
FS01	4/16/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,540
FS02	4/16/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,320
FS03	4/16/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,740
FS04	4/16/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,790
FS05	4/16/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,020
FS06	4/16/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,780
FS07	4/16/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	7,660
FS08	4/16/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,180
FS09	4/16/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,980
FS10	4/16/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,090
FS11	4/16/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,340
FS12	4/16/2026	0.5	<0.0250	<0.0500	<20.0	65.6	<50.0	65.6	65.6	12,200
FS13	4/16/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,650
FS14	4/16/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,720
FS15	4/16/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,070
FS16	4/15/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	56.0
FS17	4/15/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	81.1
FS18	4/15/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,060
FS19	4/15/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,520
FS20	4/15/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,850
FS21	4/15/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,710
FS22	4/15/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,840
FS23	4/15/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,950
FS24	4/15/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,530



TABLE 2
SOIL SAMPLE ANALYTICAL RESULTS
 Biggers Federal East 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 Requirement (NMAC 19.15.29.13.D)			10	50	NE	NE	NE	NE	100	600
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
Excavation Floor Soil Samples										
FS25	4/15/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,680
FS26	4/15/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,180
FS27	4/15/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	72.1
FS28	4/15/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	136
FS29	4/15/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	112
FS30	4/15/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	132

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

<: Laboratory Analytical result is less than reporting limit

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

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes



APPENDIX A

Well Log and Record



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

STATE ENGINEER OFFICE
ROSWell, NEW MEXICO

1. GENERAL AND WELL LOCATION	OSE POD NUMBER (WELL NUMBER) 520595				OSE FILE NUMBER CC 02296			
	WELL OWNER NAME(S) Fay Tee				PHONE (OPTIONAL) 575 799 0236			
	WELL OWNER MAILING ADDRESS 5545 St Hwy 209				CITY STATE ZIP McAlister NM 88427			
	WELL LOCATION (FROM GPS)	DEGREES 34	MINUTES 38	SECONDS 03	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84			
	LATITUDE	103	40	29	W			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE								
2. DRILLING & CASING INFORMATION	LICENSE NUMBER W07556		NAME OF LICENSED DRILLER Doyle Rush			NAME OF WELL DRILLING COMPANY Doyle Rush Drilling		
	DRILLING STARTED 6-1-13	DRILLING ENDED 6-3-13	DEPTH OF COMPLETED WELL (FT) 335		BORE HOLE DEPTH (FT) 335	DEPTH WATER FIRST ENCOUNTERED (FT)		
	COMPLETED WELL IS: ☐ ARTESIAN ☐ DRY HOLE ☒ SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT)		
	DRILLING FLUID: ☐ AIR ☐ MUD ☒ ADDITIVES - SPECIFY: EZ Mud							
	DRILLING METHOD: ☒ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER - SPECIFY:							
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	29.5	7 7/8	200 PSI PVC	glac	4.5	SDR21	
	29.5	23.5	7 7/8	200 PSI PVC	glac	4.5	SDR21	0.035
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
	0	20	7 7/8	Ben chip	3 bag	pour		
	20	23.5	7 7/8	3/8 Rock	3.5 yd	pour		

FOR OSE INTERNAL USE

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

FILE NUMBER **CC2296**

POD NUMBER **1**

TRN NUMBER **520595**

	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
4. HYDROGEOLOGIC LOG OF WELL	0	4	4	yellow sandy loam	☐ Y ☒ N	
	4	38	34	white chert rock	☐ Y ☒ N	
	38	258	220	yellow sand	☐ Y ☒ N	
	258	335	77	yellow sand small glaze mix	☒ Y ☐ N	100
					☐ 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					TOTAL ESTIMATED WELL YIELD (gpm): 100
☒ AIR LIFT ☐ BAILER ☐ OTHER - SPECIFY:						
5. TEST; RIG SUPERVISION	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:					
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:					
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 20 DAYS AFTER COMPLETION OF WELL DRILLING:					
	SIGNATURE OF DRILLER / PRINT SIGNEE NAME					DATE

FOR OSE INTERNAL USE

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

FILE NUMBER

CC 2296

POD NUMBER 1

TRN NUMBER

520595



APPENDIX B

Lithologic Soil Sampling Logs

								Sample Name: BH01		Date: 3/9/26	
								Site Name: Biggers Federal East TB			
								Incident Number: nAPP2605855913			
								Job Number: 03A2270126			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: LL, KS		Method: Hand Auger	
Coordinates: 32.124816, -103.405676								Hole Diameter: 3"		Total Depth: 4'	
Comments: Field screening conducted with HACH Chloride Test Strips chloride. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factor included.											
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
D			Y	BH01	0	0		0-1' - CALICHE - loose, light brown (7.5YR 6/4), dry, non-plastic, non-cohesive, fine sand, well graded, with few small caliche gravel (5-16%), sharp lower boundary			
				BH01	0.5		CCHE				
D	3,404		Y	BH01	1	1		1-4' - SAND WITH SILT - medium consistency, red (2.5YR 4/6), moist, low plasticity, cohesive, fine, well graded, granular			
D	ND		N	BH01	2	2					
M	ND		N		3	3	SW-SM				
M			N		4	4					
Total Depth @ 4 feet bgs.											

								Sample Name: BH02		Date: 3/9/26	
								Site Name: Biggers Federal East TB			
								Incident Number: nAPP2605855913			
								Job Number: 03A2270126			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: LL, KS		Method: Hand Auger	
Coordinates: 32.124767, -103.405669								Hole Diameter: 3"		Total Depth: 4'	
Comments: Field screening conducted with HACH Chloride Test Strips chloride. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factor included.											
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
D			Y	BH02	0	0	CCHE	0-1' - CALICHE - loose, light brown (7.5YR 6/4), dry, non-plastic, non-cohesive, fine sand, well graded, with few small caliche gravel (5-16%), sharp lower boundary			
D			Y	BH02	0.5	0.5					
M	974		N	BH02	2	2	SW-SM	1-4' - SAND WITH SILT - medium consistency, red (2.5YR 4/6), moist, low plasticity, cohesive, fine, well graded, granular			
M	ND		N	BH02	3	3					
M	ND		N	BH02	4	4					
Total Depth @ 4 feet bgs.											

								Sample Name: BH03		Date: 3/9/26	
								Site Name: Biggers Federal East TB			
								Incident Number: nAPP2605855913			
								Job Number: 03A2270126			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: LL, KS		Method: Hand Auger	
Coordinates: 32.124816, -103.405676								Hole Diameter: 3"		Total Depth: 4'	
Comments: Field screening conducted with HACH Chloride Test Strips chloride. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factor included.											
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
D			Y	BH03	0	0	CCHE	0-1' - CALICHE - loose, light brown (7.5YR 6/4), dry, non-plastic, non-cohesive, fine sand, well graded, with few small caliche gravel (5-16%), sharp lower boundary			
			Y	BH03	0.5						
D			Y	BH03	1	1					
M	2,945		N	BH03	2	2	SW-SM	1-4' - SAND WITH SILT - medium consistency, red (2.5YR 4/6), moist, low plasticity, cohesive, fine, well graded, granular			
M	ND		N	BH03	3	3					
M	ND		N	BH03	4	4					
Total Depth @ 4 feet bgs.											

								Sample Name: BH04		Date: 3/10/26	
								Site Name: Biggers Federal East TB			
								Incident Number: nAPP2605855913			
								Job Number: 03A2270126			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: LCL, KS		Method: Hand Auger	
Coordinates: 32.124678, -103.405703								Hole Diameter: 3"		Total Depth: 4'	
Comments: Field screening conducted with HACH Chloride Test Strips chloride. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factor included.											
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
D			Y			0		0-4' - SAND WITH SILT - medium consistency, red (2.5YR 4/6), dry, low plasticity, cohesive, fine, well graded, granular, staining at top of unit			
D	8,876		Y	BH04	0.5						
D	5,914		Y	BH04	1	1					
D	1,008		N	BH04	2	2	SW-SM				
D	ND		N	BH04	3	3					
D	ND		N	BH04	4	4					
Total Depth @ 4 feet bgs.											

								Sample Name: BH05		Date: 3/10/26	
								Site Name: Biggers Federal East TB			
								Incident Number: nAPP2605855913			
								Job Number: 03A2270126			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: LCL, KS		Method: Hand Auger	
Coordinates: 32.124602, -103.405698								Hole Diameter: 3"		Total Depth: 4'	
Comments: Field screening conducted with HACH Chloride Test Strips chloride. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factor included.											
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
D			Y			0		0-1' - SAND - soft, yellowish red (5YR 4/6), dry, non-plastic, non-cohesive, fine, granular, gradual lower boundary			
D	2,906		Y	BH05	0.5		SW				
D	2,906		Y	BH05	1	1					
M	3,164		N	BH05	2	2	SW-SM	1-4' - SAND WITH SILT - medium consistency, red (2.5YR 4/6), moist, low plasticity, cohesive, fine, well graded, granular			
M	252		N	BH05	3	3					
M	ND		N	BH05	4	4					
Total Depth @ 4 feet bgs.											

 ENSOLUM								Sample Name: BH06		Date: 3/10/26	
								Site Name: Biggers Federal East TB			
								Incident Number: nAPP2605855913			
								Job Number: 03A2270126			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: LCL, KS		Method: Hand Auger	
Coordinates: 32.124545, -103.405722								Hole Diameter: 3"		Total Depth: 4'	
Comments: Field screening conducted with HACH Chloride Test Strips chloride. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factor included.											
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
D			Y			0		0-1' - CALICHE - loose, light brown (7.5YR 6/4), dry, non-plastic, non-cohesive, fine sand, well graded, with few small caliche gravel (5-16%), sharp lower boundary			
D	11,284		Y	BH06	0.5		CCHE				
D	1,708		Y	BH06	1	1					
D	2,083		N	BH06	2	2	SW	1-3' - SAND - soft, yellowish red (5YR 4/6), dry, non-plastic, non-cohesive, fine, granular, gradual lower boundary			
M	ND		N	BH06	3	3		3-4' - SAND WITH SILT - medium consistency, red (2.5YR 4/6), moist, low plasticity, cohesive, fine, well graded, granular			
M	ND		N	BH06	4	4	SW-SM				
Total Depth @ 4 feet bgs.											

								Sample Name: BH07		Date: 3/10/26	
								Site Name: Biggers Federal East TB			
								Incident Number: nAPP2605855913			
								Job Number: 03A2270126			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: LCL, KS		Method: Hand Auger	
Coordinates: 32.124511, -103.405785								Hole Diameter: 3"		Total Depth: 4'	
Comments: Field screening conducted with HACH Chloride Test Strips chloride. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factor included.											
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
D	13,866		Y	BH07	0	0	CCHE	0-0.5' - CALICHE - loose, light brown (7.5YR 6/4), dry, non-plastic, non-cohesive, fine sand, well graded, with few small caliche gravel (5-16%), sharp lower boundary			
D	5,914		Y	BH07	0.5						
D	1,462		N	BH07	1	1	SW	0.5-3' - SAND - soft, yellowish red (5YR 4/6), dry, non-plastic, non-cohesive, fine, granular, gradual lower boundary			
D	2,083		N	BH07	2	2					
M	375		N	BH07	3	3					
M	213		N	BH07	4	4	SW-SM	3-4' - SAND WITH SILT - medium consistency, red (2.5YR 4/6), moist, low plasticity, cohesive, fine, granular			
Total Depth @ 4 feet bgs.											

 ENSOLUM								Sample Name: BH08		Date: 3/10/26	
								Site Name: Biggers Federal East TB			
								Incident Number: nAPP2605855913			
								Job Number: 03A2270126			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: LCL, KS		Method: Hand Auger	
Coordinates: 32.124505, -103.405724								Hole Diameter: 3"		Total Depth: 4'	
Comments: Field screening conducted with HACH Chloride Test Strips chloride. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factor included.											
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
D	13,866		Y	BH08	0	0	CCHE	0-1' - CALICHE - light brown (7.5YR 6/4), dry, sand, with few small caliche gravel (5-16%), sharp lower boundary			
D	890		Y	BH08	0.5						
D	285		Y	BH08	1	1					
D	ND		N	BH08	2	2	SW	1-3' - SAND - soft, reddish brown (5YR 4/4), dry, non-plastic, non-cohesive, granular, gradual lower boundary			
D	ND		N	BH08	3	3					
M	ND		N	BH08	4	4	SW-SM	3-4' - SAND WITH SILT - medium consistency, red (2.5YR 4/6), moist, low plasticity, cohesive, granular			
Total Depth @ 4 feet bgs.											

 ENSOLUM					Sample Name: BH09		Date: 3/10/26	
					Site Name: Biggers Federal East TB			
					Incident Number: nAPP2605855913			
					Job Number: 03A2270126			
LITHOLOGIC / SOIL SAMPLING LOG					Logged By: LCL, KS		Method: Hand Auger	
Coordinates: 32.124513, -103.405864					Hole Diameter: 3"		Total Depth: 4'	
Comments: Field screening conducted with HACH Chloride Test Strips chloride. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factor included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D			Y			0		
D	3,847		Y	BH09	0.5			
D	5,001		Y	BH09	1	1	CCHE	0-2' - CALICHE - loose, light brown (7.5YR 6/4), dry, non-plastic, non-cohesive, fine sand, well graded, with few small caliche gravel (5-16%), sharp lower boundary
D	5,001		N	BH09	2	2		
D	5,443		N	BH09	3	3	SW	2-5' - SAND - soft, yellowish red (5YR 4/6), dry, non-plastic, non-cohesive, fine, well graded, with few small gravel (5-16%), granular, gradual lower boundary
D	5,443		N	BH09	4	4		
M	2,638		N	BH09	5	5		
M	3,511		N	BH09	6	6		
M	2,946		N	BH09	7	7	SW-SM	5-8' - SAND WITH SILT - medium consistency, red (2.5YR 4/6), moist, low plasticity, cohesive, fine, well graded, granular
M	213		N	BH09	8	8		
Total Depth @ 8 feet bgs.								

 ENSOLUM		Sample Name: BH10		Date: 3/10/26				
		Site Name: Biggers Federal East TB						
		Incident Number: nAPP2605855913						
		Job Number: 03A2270126						
LITHOLOGIC / SOIL SAMPLING LOG								
Coordinates: 32.124462, -103.405828			Logged By: LCL, KS		Method: Hand Auger			
			Hole Diameter: 3"		Total Depth: 4'			
Comments: Field screening conducted with HACH Chloride Test Strips chloride. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factor included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D			Y			0		0-4' - SAND WITH CLAY - medium consistency, yellowish red (5YR 4/6), low plasticity, cohesive, well graded, few small gravel (5-16%), granular
D	538		Y	BH10	0.5			
D	179		Y	BH10	1	1		
D	ND		N	BH10	2	2	SW-SC	
D	ND		N	BH10	3	3		
D	ND		N	BH10	4	4		
Total Depth @ 4 feet bgs.								



APPENDIX C

Photographic Log



Photographic Log

Matador Production Company
Biggers Federal East TB
nAPP2605855913

<u>Photograph</u> 1	<u>Date</u> 2/27/2026	W NW N NE 240 270 300 330 0 30 60 327°NW (T) 32°7'24"N, 103°24'20"W ±16ft 3341ft  Spill Mapping Ensolum LLC Biggers Federal East TB 27 Feb 2026, 13:43:57
<u>Description</u> Lease Sign		
<u>Photograph</u> 2	<u>Date</u> 2/27/2026	N NE E SE 0 30 60 90 120 150 73°E (T) 32°7'27"N, 103°24'21"W ±22ft 3349ft  Spill Mapping Ensolum LLC Biggers Federal East TB 27 Feb 2026, 13:03:52
<u>Description</u> Release Extent		
<u>View</u> East		



Photographic Log

Matador Production Company
Biggers Federal East TB
nAPP2605855913

<u>Photograph</u> 3	<u>Date</u> 2/27/2026	NW N NE E 300 330 0 30 60 90 120 ☀ 24°NE (T) ☉ 32°7'28"N, 103°24'20"W ±22ft ▲ 3355ft  Spill Mapping Ensolum LLC Biggers Federal East TB 27 Feb 2026, 13:06:08
<u>Description</u> Release Extent	<u>View</u> Northeast	S SW W NW 150 180 210 240 270 300 330 ☀ 238°SW (T) ☉ 32°7'28"N, 103°24'20"W ±26ft ▲ 3353ft  Spill Mapping Ensolum LLC Biggers Federal East TB 27 Feb 2026, 13:07:34
<u>Photograph</u> 4	<u>Date</u> 2/27/2026	<u>Description</u> Release Extent
<u>Description</u> Release Extent	<u>View</u> Southwest	



Photographic Log

Matador Production Company
Biggers Federal East TB
nAPP2605855913

<u>Photograph</u> 5	<u>Date</u> 3/2/2026	
<u>Description</u> Lateral Delineation		
<u>View</u> South		Laterals Ensolum LLC Biggers Federal East TB 02 Mar 2026, 13:31:39
<u>Photograph</u> 6	<u>Date</u> 3/2/2026	
<u>Description</u> Lateral Delineation		
<u>View</u> Southwest		Laterals Ensolum LLC Biggers Federal East TB 02 Mar 2026, 13:31:28



Photographic Log

Matador Production Company
Biggers Federal East TB
nAPP2605855913

<u>Photograph</u> 7	<u>Date</u> 3/4/2026	
<u>Description</u> Lateral Delineation (SS10)	<u>View</u> North	
<u>Photograph</u> 8	<u>Date</u> 3/5/2026	
<u>Description</u> Lateral Delineation	<u>View</u> Southwest	



Photographic Log

Matador Production Company
Biggers Federal East TB
nAPP2605855913

<u>Photograph</u> 9	<u>Date</u> 3/9/2026	
<u>Description</u> Vertical Delineation (BH02)		
<u>View</u> East		
<u>Photograph</u> 10	<u>Date</u> 3/13/2026	
<u>Description</u> Lateral Delineation (SS14)		
<u>View</u> East		



Photographic Log

Matador Production Company
Biggers Federal East TB
nAPP2605855913

<u>Photograph</u> 11	<u>Date</u> 4/14/2026	 Excavation Ensolum, LLC Biggers Federal East TB 14 Apr 2026, 10:24:30
<u>Description</u> Excavation Activities		
<u>View</u> Northwest		
<u>Photograph</u> 12	<u>Date</u> 4/14/2026	 Excavation Ensolum, LLC Biggers Federal East TB 14 Apr 2026, 10:23:56
<u>Description</u> Hydrovac Activities		
<u>View</u> North		



Photographic Log

Matador Production Company
Biggers Federal East TB
nAPP2605855913

<u>Photograph</u> 13	<u>Date</u> 4/15/2026	NW300330N030NE60E90  Excavation Ensolum, LLC Biggers Federal East TB 15 Apr 2026, 12:59:49
<u>Description</u> Excavation Area		
<u>View</u> North		

<u>Photograph</u> 14	<u>Date</u> 4/15/2026	NW300330N030NE60E90  Excavation Ensolum, LLC Biggers Federal East TB 15 Apr 2026, 12:59:38
<u>Description</u> Excavation Area		
<u>View</u> North		



Photographic Log

Matador Production Company
Biggers Federal East TB
nAPP2605855913

<u>Photograph</u> 15	<u>Date</u> 4/16/2026	NW330N0NE60E90S120  Excavation Ensolum,LLC Biggers Federal East TB 16 Apr 2026, 10:23:49
<u>Description</u> Excavation Area		
<u>View</u> Northeast		

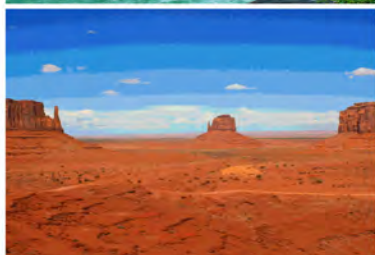
<u>Photograph</u> 16	<u>Date</u> 4/16/2026	W270NW330N0NE60  Excavation Ensolum,LLC Biggers Federal East TB 16 Apr 2026, 10:23:46
<u>Description</u> Excavation Area		
<u>View</u> North		



APPENDIX D

Laboratory Analytical Reports & Chain-of-Custody Documentation

Report to:
Ashley Urzedo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Production Company

Project Name: Biggers Federal East TB

Work Order: E603019

Job Number: 23003-0002

Received: 3/4/2026

Revision: 2

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: Biggers Federal East TB
Workorder: E603019
Date Received: 3/4/2026 8:00:00AM

Ashley Urzedo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/4/2026 8:00:00AM, under the Project Name: Biggers Federal East TB.

The analytical test results summarized in this report with the Project Name: Biggers Federal East 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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Sample Summary

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Biggers Federal East TB Project Number: 23003-0002 Project Manager: Ashley Urzedo	Reported: 05/15/26 11:51
--	---	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS03-0'	E603019-01A	Soil	03/02/26	03/04/26	Glass Jar, 2 oz.
SS03-1'	E603019-02A	Soil	03/02/26	03/04/26	Glass Jar, 2 oz.
SS05-0'	E603019-03A	Soil	03/02/26	03/04/26	Glass Jar, 2 oz.
SS05-1'	E603019-04A	Soil	03/02/26	03/04/26	Glass Jar, 2 oz.
SS07-0'	E603019-05A	Soil	03/02/26	03/04/26	Glass Jar, 2 oz.
SS07-1'	E603019-06A	Soil	03/02/26	03/04/26	Glass Jar, 2 oz.
SS08-0'	E603019-07A	Soil	03/02/26	03/04/26	Glass Jar, 2 oz.
SS08-1'	E603019-08A	Soil	03/02/26	03/04/26	Glass Jar, 2 oz.
SS09-0'	E603019-09A	Soil	03/02/26	03/04/26	Glass Jar, 2 oz.
SS09-1'	E603019-10A	Soil	03/02/26	03/04/26	Glass Jar, 2 oz.



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/15/2026 11:51:37AM

SS03-0'

E603019-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2610056	
Benzene	ND	0.0250	1	03/04/26	03/04/26	
Ethylbenzene	ND	0.0250	1	03/04/26	03/04/26	
Toluene	ND	0.0250	1	03/04/26	03/04/26	
o-Xylene	ND	0.0250	1	03/04/26	03/04/26	
p,m-Xylene	ND	0.0500	1	03/04/26	03/04/26	
Total Xylenes	ND	0.0250	1	03/04/26	03/04/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	03/04/26	03/04/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2610056	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/04/26	03/04/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.1 %	70-130	03/04/26	03/04/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2610063	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/04/26	03/04/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/04/26	03/04/26	
<i>Surrogate: n-Nonane</i>		99.4 %	61-141	03/04/26	03/04/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2610052	
Chloride	ND	20.0	1	03/04/26	03/04/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/15/2026 11:51:37AM

SS03-1'

E603019-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2610056	
Benzene	ND	0.0250	1	03/04/26	03/04/26	
Ethylbenzene	ND	0.0250	1	03/04/26	03/04/26	
Toluene	ND	0.0250	1	03/04/26	03/04/26	
o-Xylene	ND	0.0250	1	03/04/26	03/04/26	
p,m-Xylene	ND	0.0500	1	03/04/26	03/04/26	
Total Xylenes	ND	0.0250	1	03/04/26	03/04/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	03/04/26	03/04/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2610056	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/04/26	03/04/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.4 %	70-130	03/04/26	03/04/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2610063	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/04/26	03/04/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/04/26	03/04/26	
<i>Surrogate: n-Nonane</i>		97.8 %	61-141	03/04/26	03/04/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2610052	
Chloride	56.5	20.0	1	03/04/26	03/04/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/15/2026 11:51:37AM

SS05-0'

E603019-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2610056
Benzene	ND	0.0250	1	03/04/26	03/04/26	
Ethylbenzene	ND	0.0250	1	03/04/26	03/04/26	
Toluene	ND	0.0250	1	03/04/26	03/04/26	
o-Xylene	ND	0.0250	1	03/04/26	03/04/26	
p,m-Xylene	ND	0.0500	1	03/04/26	03/04/26	
Total Xylenes	ND	0.0250	1	03/04/26	03/04/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	03/04/26	03/04/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2610056
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/04/26	03/04/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.0 %	70-130	03/04/26	03/04/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2610063
Diesel Range Organics (C10-C28)	ND	25.0	1	03/04/26	03/04/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/04/26	03/04/26	
<i>Surrogate: n-Nonane</i>						
		99.4 %	61-141	03/04/26	03/04/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2610052
Chloride	ND	20.0	1	03/04/26	03/04/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/15/2026 11:51:37AM

SS05-1'

E603019-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2610056
Benzene	ND	0.0250	1	03/04/26	03/04/26	
Ethylbenzene	ND	0.0250	1	03/04/26	03/04/26	
Toluene	ND	0.0250	1	03/04/26	03/04/26	
o-Xylene	ND	0.0250	1	03/04/26	03/04/26	
p,m-Xylene	ND	0.0500	1	03/04/26	03/04/26	
Total Xylenes	ND	0.0250	1	03/04/26	03/04/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	03/04/26	03/04/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2610056
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/04/26	03/04/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.3 %	70-130	03/04/26	03/04/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2610063
Diesel Range Organics (C10-C28)	ND	25.0	1	03/04/26	03/04/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/04/26	03/04/26	
<i>Surrogate: n-Nonane</i>						
		100 %	61-141	03/04/26	03/04/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2610052
Chloride	51.5	20.0	1	03/04/26	03/04/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/15/2026 11:51:37AM

SS07-0'

E603019-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2610056
Benzene	ND	0.0250	1	03/04/26	03/04/26	
Ethylbenzene	ND	0.0250	1	03/04/26	03/04/26	
Toluene	ND	0.0250	1	03/04/26	03/04/26	
o-Xylene	ND	0.0250	1	03/04/26	03/04/26	
p,m-Xylene	ND	0.0500	1	03/04/26	03/04/26	
Total Xylenes	ND	0.0250	1	03/04/26	03/04/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	03/04/26	03/04/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2610056
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/04/26	03/04/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.3 %	70-130	03/04/26	03/04/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2610063
Diesel Range Organics (C10-C28)	ND	25.0	1	03/04/26	03/04/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/04/26	03/04/26	
<i>Surrogate: n-Nonane</i>						
		93.3 %	61-141	03/04/26	03/04/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2610052
Chloride	ND	20.0	1	03/04/26	03/04/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/15/2026 11:51:37AM

SS07-1'

E603019-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2610056	
Benzene	ND	0.0250	1	03/04/26	03/04/26	
Ethylbenzene	ND	0.0250	1	03/04/26	03/04/26	
Toluene	ND	0.0250	1	03/04/26	03/04/26	
o-Xylene	ND	0.0250	1	03/04/26	03/04/26	
p,m-Xylene	ND	0.0500	1	03/04/26	03/04/26	
Total Xylenes	ND	0.0250	1	03/04/26	03/04/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	03/04/26	03/04/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2610056	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/04/26	03/04/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.0 %	70-130	03/04/26	03/04/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2610063	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/04/26	03/04/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/04/26	03/04/26	
<i>Surrogate: n-Nonane</i>		96.1 %	61-141	03/04/26	03/04/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2610052	
Chloride	ND	20.0	1	03/04/26	03/05/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/15/2026 11:51:37AM

SS08-0'

E603019-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2610056
Benzene	ND	0.0250	1	03/04/26	03/04/26	
Ethylbenzene	ND	0.0250	1	03/04/26	03/04/26	
Toluene	ND	0.0250	1	03/04/26	03/04/26	
o-Xylene	ND	0.0250	1	03/04/26	03/04/26	
p,m-Xylene	ND	0.0500	1	03/04/26	03/04/26	
Total Xylenes	ND	0.0250	1	03/04/26	03/04/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	03/04/26	03/04/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2610056
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/04/26	03/04/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.4 %	70-130	03/04/26	03/04/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2610063
Diesel Range Organics (C10-C28)	ND	25.0	1	03/04/26	03/04/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/04/26	03/04/26	
<i>Surrogate: n-Nonane</i>						
		95.3 %	61-141	03/04/26	03/04/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2610052
Chloride	ND	20.0	1	03/04/26	03/05/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/15/2026 11:51:37AM

SS08-1'

E603019-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2610056
Benzene	ND	0.0250	1	03/04/26	03/04/26	
Ethylbenzene	ND	0.0250	1	03/04/26	03/04/26	
Toluene	ND	0.0250	1	03/04/26	03/04/26	
o-Xylene	ND	0.0250	1	03/04/26	03/04/26	
p,m-Xylene	ND	0.0500	1	03/04/26	03/04/26	
Total Xylenes	ND	0.0250	1	03/04/26	03/04/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.3 %	70-130		03/04/26	03/04/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2610056
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/04/26	03/04/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.5 %	70-130		03/04/26	03/04/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2610063
Diesel Range Organics (C10-C28)	ND	25.0	1	03/04/26	03/04/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/04/26	03/04/26	
<i>Surrogate: n-Nonane</i>						
	99.1 %	61-141		03/04/26	03/04/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2610052
Chloride	ND	20.0	1	03/04/26	03/05/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/15/2026 11:51:37AM

SS09-0'

E603019-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2610056
Benzene	ND	0.0250	1	03/04/26	03/04/26	
Ethylbenzene	ND	0.0250	1	03/04/26	03/04/26	
Toluene	ND	0.0250	1	03/04/26	03/04/26	
o-Xylene	ND	0.0250	1	03/04/26	03/04/26	
p,m-Xylene	ND	0.0500	1	03/04/26	03/04/26	
Total Xylenes	ND	0.0250	1	03/04/26	03/04/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	03/04/26	03/04/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2610056
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/04/26	03/04/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.6 %	70-130	03/04/26	03/04/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2610063
Diesel Range Organics (C10-C28)	ND	25.0	1	03/04/26	03/05/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/04/26	03/05/26	
<i>Surrogate: n-Nonane</i>						
		93.3 %	61-141	03/04/26	03/05/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2610052
Chloride	124	20.0	1	03/04/26	03/05/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/15/2026 11:51:37AM

SS09-1'

E603019-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2610056	
Benzene	ND	0.0250	1	03/04/26	03/04/26	
Ethylbenzene	ND	0.0250	1	03/04/26	03/04/26	
Toluene	ND	0.0250	1	03/04/26	03/04/26	
o-Xylene	ND	0.0250	1	03/04/26	03/04/26	
p,m-Xylene	ND	0.0500	1	03/04/26	03/04/26	
Total Xylenes	ND	0.0250	1	03/04/26	03/04/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	03/04/26	03/04/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2610056	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/04/26	03/04/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.8 %	70-130	03/04/26	03/04/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2610063	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/04/26	03/05/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/04/26	03/05/26	
<i>Surrogate: n-Nonane</i>						
		96.7 %	61-141	03/04/26	03/05/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2610052	
Chloride	108	20.0	1	03/04/26	03/05/26	



QC Summary Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/15/2026 11:51:37AM

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 (2610056-BLK1)

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

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	7.87		8.00		98.4	70-130			

LCS (2610056-BS1)

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

Benzene	4.38	0.0250	5.00		87.7	70-130			
Ethylbenzene	4.15	0.0250	5.00		83.0	70-130			
Toluene	4.28	0.0250	5.00		85.6	70-130			
o-Xylene	4.21	0.0250	5.00		84.3	70-130			
p,m-Xylene	8.49	0.0500	10.0		84.9	70-130			
Total Xylenes	12.7	0.0250	15.0		84.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.04		8.00		100	70-130			

Matrix Spike (2610056-MS1)

Source: E603019-08

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

Benzene	4.60	0.0250	5.00	ND	92.0	70-130			
Ethylbenzene	4.34	0.0250	5.00	ND	86.9	70-130			
Toluene	4.48	0.0250	5.00	ND	89.7	70-130			
o-Xylene	4.40	0.0250	5.00	ND	88.0	70-130			
p,m-Xylene	8.85	0.0500	10.0	ND	88.5	70-130			
Total Xylenes	13.3	0.0250	15.0	ND	88.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.90		8.00		98.7	70-130			

Matrix Spike Dup (2610056-MSD1)

Source: E603019-08

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

Benzene	4.76	0.0250	5.00	ND	95.3	70-130	3.45	27	
Ethylbenzene	4.51	0.0250	5.00	ND	90.3	70-130	3.83	26	
Toluene	4.65	0.0250	5.00	ND	93.0	70-130	3.67	20	
o-Xylene	4.58	0.0250	5.00	ND	91.7	70-130	4.10	25	
p,m-Xylene	9.23	0.0500	10.0	ND	92.3	70-130	4.16	23	
Total Xylenes	13.8	0.0250	15.0	ND	92.1	70-130	4.14	26	
Surrogate: 4-Bromochlorobenzene-PID	7.99		8.00		99.9	70-130			



QC Summary Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/15/2026 11:51:37AM

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 (2610056-BLK1) Prepared: 03/04/26 Analyzed: 03/04/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.58		8.00		94.8	70-130			

LCS (2610056-BS2) Prepared: 03/04/26 Analyzed: 03/04/26

Gasoline Range Organics (C6-C10)	52.4	20.0	50.0		105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.74		8.00		96.7	70-130			

Matrix Spike (2610056-MS2) Source: E603019-08 Prepared: 03/04/26 Analyzed: 03/04/26

Gasoline Range Organics (C6-C10)	51.0	20.0	50.0	ND	102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.81		8.00		97.6	70-130			

Matrix Spike Dup (2610056-MSD2) Source: E603019-08 Prepared: 03/04/26 Analyzed: 03/04/26

Gasoline Range Organics (C6-C10)	52.5	20.0	50.0	ND	105	70-130	2.77	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.78		8.00		97.3	70-130			



QC Summary Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/15/2026 11:51:37AM

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 (2610063-BLK1)					Prepared: 03/04/26 Analyzed: 03/04/26				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.2		50.0		96.4	61-141			

LCS (2610063-BS1)					Prepared: 03/04/26 Analyzed: 03/04/26				
Diesel Range Organics (C10-C28)	238	25.0	250		95.3	66-144			
Surrogate: n-Nonane	47.1		50.0		94.2	61-141			

Matrix Spike (2610063-MS1)					Source: E603020-05		Prepared: 03/04/26 Analyzed: 03/04/26		
Diesel Range Organics (C10-C28)	241	25.0	250	ND	96.5	56-156			
Surrogate: n-Nonane	47.0		50.0		94.0	61-141			

Matrix Spike Dup (2610063-MSD1)					Source: E603020-05		Prepared: 03/04/26 Analyzed: 03/04/26		
Diesel Range Organics (C10-C28)	240	25.0	250	ND	96.1	56-156	0.370	20	
Surrogate: n-Nonane	47.3		50.0		94.7	61-141			



QC Summary Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/15/2026 11:51:37AM

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 (2610052-BLK1)					Prepared: 03/04/26 Analyzed: 03/04/26				
Chloride	ND	20.0							
LCS (2610052-BS1)					Prepared: 03/04/26 Analyzed: 03/04/26				
Chloride	259	20.0	250		104	90-110			
Matrix Spike (2610052-MS1)					Source: E603018-03		Prepared: 03/04/26 Analyzed: 03/04/26		
Chloride	2400	40.0	250	2030	147	80-120			M4
Matrix Spike Dup (2610052-MSD1)					Source: E603018-03		Prepared: 03/04/26 Analyzed: 03/04/26		
Chloride	3490	40.0	250	2030	581	80-120	36.8	20	M4, R3

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



Definitions and Notes

Matador Production Company	Project Name:	Biggers Federal East TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Urzedo	05/15/26 11:51

- M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
- R3 The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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





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 Name: Biggers Federal East TB				Address: 3122 National Parks Hwy		E1003019	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	
1355	3/2/2026	S	1	SS03B-0'		1								X					
1456	3/2/2026	S	1	SS03B-1'		2								X					
1404	3/2/2026	S	1	SS05B-0'		3								X					
1454	3/2/2026	S	1	SS05B-1'		4								X					
1425	3/2/2026	S	1	SS07-0'		5								X					
1526	3/2/2026	S	1	SS07-1'		6								X					
1428	3/2/2026	S	1	SS08-0'		7								X					
1531	3/2/2026	S	1	SS08-1'		8								X					
1434	3/2/2026	S	1	SS09-0'		9								X					
1540	3/2/2026	S	1	SS09-1'		10								X					
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamliton@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, Jenna Hinkle																			
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 Gonzalez		3-3-2026		7:45		Michelle Gonzalez		3-3-26		0745									
Marissa Gonzalez		3-3-26		1415		Marissa Gonzalez		3-3-26		1415									
Johnny Archuleta		3-3-26		1830		Johnny Archuleta		3-3-26		1830									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Johnny Archuleta		3-3-26		2215		Johnny Archuleta		3-4-26		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 Analytical Laboratory

Printed: 3/4/2026 9:28:54AM

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 Resources, LLC.	Date Received:	03/04/26 08:00	Work Order ID:	E603019
Phone:	(972) 371-5200	Date Logged In:	03/03/26 15:09	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	03/10/26 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.



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 Name: Biggers Federal East TB				Address: 3122 National Parks Hwy		E1003019	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 8071	VOC by 8260	Chloride 300.0	TCO 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA		
																	Compliance	Y	or	N
																	PWSID #			
																	Sample Temp		Remarks	
1355	3/2/2026	S	1	SS03-0'		1								X			0.1			
1456	3/2/2026	S	1	SS03-1'		2								X			1.5			
1404	3/2/2026	S	1	SS05-0'		3								X			1.0			
1454	3/2/2026	S	1	SS05-1'		4								X			0.3			
1425	3/2/2026	S	1	SS07-0'		5								X			0.6			
1526	3/2/2026	S	1	SS07-1'		6								X			0.8			
1428	3/2/2026	S	1	SS08-0'		7								X			0.8			
1531	3/2/2026	S	1	SS08-1'		8								X			1.0			
1434	3/2/2026	S	1	SS09-0'		9								X			2.1			
1540	3/2/2026	S	1	SS09-1'		10								X			2.1			
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamlton@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, Jenna Hinkle																				
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Corrected Sample names per CH 5/15/26 em Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.												
Relinquished by: (Signature)		Date	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													
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only Received on ice: ☒ Y ☐ N												
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																				
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																				
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				

Report to:

Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Production Company

Project Name: Biggers Federal East TB

Work Order: E603056

Job Number: 23003-0002

Received: 3/6/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/11/26

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: 3/11/26

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



Project Name: Biggers Federal East TB
Workorder: E603056
Date Received: 3/6/2026 5:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/6/2026 5:30:00AM, under the Project Name: Biggers Federal East TB.

The analytical test results summarized in this report with the Project Name: Biggers Federal East 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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Sample Summary

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Biggers Federal East TB Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 03/11/26 17:14
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01-0'	E603056-01A	Soil	03/04/26	03/06/26	Glass Jar, 2 oz.
SS01-1'	E603056-02A	Soil	03/04/26	03/06/26	Glass Jar, 2 oz.
SS04-0'	E603056-03A	Soil	03/04/26	03/06/26	Glass Jar, 2 oz.
SS04-1'	E603056-04A	Soil	03/04/26	03/06/26	Glass Jar, 2 oz.
SS06-0'	E603056-05A	Soil	03/04/26	03/06/26	Glass Jar, 2 oz.
SS06-1'	E603056-06A	Soil	03/04/26	03/06/26	Glass Jar, 2 oz.
SS10-0'	E603056-07A	Soil	03/04/26	03/06/26	Glass Jar, 2 oz.
SS10-1'	E603056-08A	Soil	03/04/26	03/06/26	Glass Jar, 2 oz.



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/11/2026 5:14:50PM

SS01-0'

E603056-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2610107	
Benzene	ND	0.0250	1	03/06/26	03/07/26	
Ethylbenzene	ND	0.0250	1	03/06/26	03/07/26	
Toluene	ND	0.0250	1	03/06/26	03/07/26	
o-Xylene	ND	0.0250	1	03/06/26	03/07/26	
p,m-Xylene	ND	0.0500	1	03/06/26	03/07/26	
Total Xylenes	ND	0.0250	1	03/06/26	03/07/26	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	03/06/26	03/07/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.5 %	70-130	03/06/26	03/07/26	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	03/06/26	03/07/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2610107	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/26	03/07/26	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	03/06/26	03/07/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.5 %	70-130	03/06/26	03/07/26	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	03/06/26	03/07/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2611043	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/26	03/10/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/26	03/10/26	
<i>Surrogate: n-Nonane</i>		96.9 %	61-141	03/10/26	03/10/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2610111	
Chloride	104	20.0	1	03/06/26	03/07/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/11/2026 5:14:50PM

SS01-1'

E603056-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2610107
Benzene	ND	0.0250	1	03/06/26	03/07/26	
Ethylbenzene	ND	0.0250	1	03/06/26	03/07/26	
Toluene	ND	0.0250	1	03/06/26	03/07/26	
o-Xylene	ND	0.0250	1	03/06/26	03/07/26	
p,m-Xylene	ND	0.0500	1	03/06/26	03/07/26	
Total Xylenes	ND	0.0250	1	03/06/26	03/07/26	
Surrogate: Bromofluorobenzene		101 %	70-130	03/06/26	03/07/26	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	03/06/26	03/07/26	
Surrogate: Toluene-d8		103 %	70-130	03/06/26	03/07/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2610107
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/26	03/07/26	
Surrogate: Bromofluorobenzene		101 %	70-130	03/06/26	03/07/26	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	03/06/26	03/07/26	
Surrogate: Toluene-d8		103 %	70-130	03/06/26	03/07/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2611043
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/26	03/10/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/26	03/10/26	
Surrogate: n-Nonane		99.3 %	61-141	03/10/26	03/10/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2610111
Chloride	112	20.0	1	03/06/26	03/07/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/11/2026 5:14:50PM

SS04-0'

E603056-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2610107
Benzene	ND	0.0250	1	03/06/26	03/07/26	
Ethylbenzene	ND	0.0250	1	03/06/26	03/07/26	
Toluene	ND	0.0250	1	03/06/26	03/07/26	
o-Xylene	ND	0.0250	1	03/06/26	03/07/26	
p,m-Xylene	ND	0.0500	1	03/06/26	03/07/26	
Total Xylenes	ND	0.0250	1	03/06/26	03/07/26	
Surrogate: Bromofluorobenzene		101 %	70-130	03/06/26	03/07/26	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	03/06/26	03/07/26	
Surrogate: Toluene-d8		104 %	70-130	03/06/26	03/07/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2610107
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/26	03/07/26	
Surrogate: Bromofluorobenzene		101 %	70-130	03/06/26	03/07/26	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	03/06/26	03/07/26	
Surrogate: Toluene-d8		104 %	70-130	03/06/26	03/07/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2611043
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/26	03/10/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/26	03/10/26	
Surrogate: n-Nonane		99.9 %	61-141	03/10/26	03/10/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2610111
Chloride	26.8	20.0	1	03/06/26	03/07/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/11/2026 5:14:50PM

SS04-1'

E603056-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2610107
Benzene	ND	0.0250	1	03/06/26	03/07/26	
Ethylbenzene	ND	0.0250	1	03/06/26	03/07/26	
Toluene	ND	0.0250	1	03/06/26	03/07/26	
o-Xylene	ND	0.0250	1	03/06/26	03/07/26	
p,m-Xylene	ND	0.0500	1	03/06/26	03/07/26	
Total Xylenes	ND	0.0250	1	03/06/26	03/07/26	
Surrogate: Bromofluorobenzene		102 %	70-130	03/06/26	03/07/26	
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130	03/06/26	03/07/26	
Surrogate: Toluene-d8		104 %	70-130	03/06/26	03/07/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2610107
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/26	03/07/26	
Surrogate: Bromofluorobenzene		102 %	70-130	03/06/26	03/07/26	
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130	03/06/26	03/07/26	
Surrogate: Toluene-d8		104 %	70-130	03/06/26	03/07/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2611043
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/26	03/10/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/26	03/10/26	
Surrogate: n-Nonane		101 %	61-141	03/10/26	03/10/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2610111
Chloride	60.1	20.0	1	03/06/26	03/07/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/11/2026 5:14:50PM

SS06-0'

E603056-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2610107
Benzene	ND	0.0250	1	03/06/26	03/07/26	
Ethylbenzene	ND	0.0250	1	03/06/26	03/07/26	
Toluene	ND	0.0250	1	03/06/26	03/07/26	
o-Xylene	ND	0.0250	1	03/06/26	03/07/26	
p,m-Xylene	ND	0.0500	1	03/06/26	03/07/26	
Total Xylenes	ND	0.0250	1	03/06/26	03/07/26	
Surrogate: Bromofluorobenzene	99.9 %	70-130		03/06/26	03/07/26	
Surrogate: 1,2-Dichloroethane-d4	99.8 %	70-130		03/06/26	03/07/26	
Surrogate: Toluene-d8	102 %	70-130		03/06/26	03/07/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2610107
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/26	03/07/26	
Surrogate: Bromofluorobenzene	99.9 %	70-130		03/06/26	03/07/26	
Surrogate: 1,2-Dichloroethane-d4	99.8 %	70-130		03/06/26	03/07/26	
Surrogate: Toluene-d8	102 %	70-130		03/06/26	03/07/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2611043
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/26	03/10/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/26	03/10/26	
Surrogate: n-Nonane	99.2 %	61-141		03/10/26	03/10/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2610111
Chloride	104	20.0	1	03/06/26	03/07/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/11/2026 5:14:50PM

SS06-1'

E603056-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2610107
Benzene	ND	0.0250	1	03/06/26	03/07/26	
Ethylbenzene	ND	0.0250	1	03/06/26	03/07/26	
Toluene	ND	0.0250	1	03/06/26	03/07/26	
o-Xylene	ND	0.0250	1	03/06/26	03/07/26	
p,m-Xylene	ND	0.0500	1	03/06/26	03/07/26	
Total Xylenes	ND	0.0250	1	03/06/26	03/07/26	
Surrogate: Bromofluorobenzene		106 %	70-130	03/06/26	03/07/26	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	03/06/26	03/07/26	
Surrogate: Toluene-d8		104 %	70-130	03/06/26	03/07/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2610107
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/26	03/07/26	
Surrogate: Bromofluorobenzene		106 %	70-130	03/06/26	03/07/26	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	03/06/26	03/07/26	
Surrogate: Toluene-d8		104 %	70-130	03/06/26	03/07/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2611043
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/26	03/10/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/26	03/10/26	
Surrogate: n-Nonane		95.9 %	61-141	03/10/26	03/10/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2610111
Chloride	35.0	20.0	1	03/06/26	03/07/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/11/2026 5:14:50PM

SS10-0'

E603056-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2610107
Benzene	ND	0.0250	1	03/06/26	03/07/26	
Ethylbenzene	ND	0.0250	1	03/06/26	03/07/26	
Toluene	ND	0.0250	1	03/06/26	03/07/26	
o-Xylene	ND	0.0250	1	03/06/26	03/07/26	
p,m-Xylene	ND	0.0500	1	03/06/26	03/07/26	
Total Xylenes	ND	0.0250	1	03/06/26	03/07/26	
Surrogate: Bromofluorobenzene		102 %	70-130	03/06/26	03/07/26	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130	03/06/26	03/07/26	
Surrogate: Toluene-d8		104 %	70-130	03/06/26	03/07/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2610107
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/26	03/07/26	
Surrogate: Bromofluorobenzene		102 %	70-130	03/06/26	03/07/26	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130	03/06/26	03/07/26	
Surrogate: Toluene-d8		104 %	70-130	03/06/26	03/07/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2611043
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/26	03/10/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/26	03/10/26	
Surrogate: n-Nonane		99.8 %	61-141	03/10/26	03/10/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2610111
Chloride	21.7	20.0	1	03/06/26	03/07/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/11/2026 5:14:50PM

SS10-1'

E603056-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2610107
Benzene	ND	0.0250	1	03/06/26	03/07/26	
Ethylbenzene	ND	0.0250	1	03/06/26	03/07/26	
Toluene	ND	0.0250	1	03/06/26	03/07/26	
o-Xylene	ND	0.0250	1	03/06/26	03/07/26	
p,m-Xylene	ND	0.0500	1	03/06/26	03/07/26	
Total Xylenes	ND	0.0250	1	03/06/26	03/07/26	
Surrogate: Bromofluorobenzene		102 %	70-130	03/06/26	03/07/26	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	03/06/26	03/07/26	
Surrogate: Toluene-d8		102 %	70-130	03/06/26	03/07/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2610107
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/26	03/07/26	
Surrogate: Bromofluorobenzene		102 %	70-130	03/06/26	03/07/26	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	03/06/26	03/07/26	
Surrogate: Toluene-d8		102 %	70-130	03/06/26	03/07/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2611043
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/26	03/10/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/26	03/10/26	
Surrogate: n-Nonane		97.0 %	61-141	03/10/26	03/10/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2610111
Chloride	ND	20.0	1	03/06/26	03/07/26	



QC Summary Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/11/2026 5:14:50PM

Volatile Organic Compounds by EPA 8260B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2610107-BLK1)

Prepared: 03/06/26 Analyzed: 03/06/26

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.508		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.2	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			

LCS (2610107-BS1)

Prepared: 03/06/26 Analyzed: 03/06/26

Benzene	2.27	0.0250	2.50		90.8	70-130			
Ethylbenzene	2.32	0.0250	2.50		92.7	70-130			
Toluene	2.33	0.0250	2.50		93.3	70-130			
o-Xylene	2.36	0.0250	2.50		94.3	70-130			
p,m-Xylene	4.70	0.0500	5.00		94.0	70-130			
Total Xylenes	7.06	0.0250	7.50		94.1	70-130			
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.8	70-130			
Surrogate: Toluene-d8	0.520		0.500		104	70-130			

Matrix Spike (2610107-MS1)

Source: E603055-05

Prepared: 03/06/26 Analyzed: 03/06/26

Benzene	2.49	0.0250	2.50	ND	99.6	48-131			
Ethylbenzene	2.47	0.0250	2.50	ND	98.9	45-135			
Toluene	2.49	0.0250	2.50	ND	99.6	48-130			
o-Xylene	2.50	0.0250	2.50	ND	99.9	43-135			
p,m-Xylene	5.01	0.0500	5.00	ND	100	43-135			
Total Xylenes	7.50	0.0250	7.50	ND	100	43-135			
Surrogate: Bromofluorobenzene	0.504		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.510		0.500		102	70-130			
Surrogate: Toluene-d8	0.513		0.500		103	70-130			

Matrix Spike Dup (2610107-MSD1)

Source: E603055-05

Prepared: 03/06/26 Analyzed: 03/06/26

Benzene	2.56	0.0250	2.50	ND	102	48-131	2.56	23	
Ethylbenzene	2.56	0.0250	2.50	ND	102	45-135	3.36	27	
Toluene	2.60	0.0250	2.50	ND	104	48-130	4.36	24	
o-Xylene	2.60	0.0250	2.50	ND	104	43-135	4.18	27	
p,m-Xylene	5.22	0.0500	5.00	ND	104	43-135	4.11	27	
Total Xylenes	7.82	0.0250	7.50	ND	104	43-135	4.13	27	
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.514		0.500		103	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			



QC Summary Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Biggers Federal East TB Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 3/11/2026 5:14:50PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2610107-BLK1)

Prepared: 03/06/26 Analyzed: 03/06/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.508		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.2	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			

LCS (2610107-BS2)

Prepared: 03/06/26 Analyzed: 03/06/26

Gasoline Range Organics (C6-C10)	48.7	20.0	50.0		97.3	70-130			
Surrogate: Bromofluorobenzene	0.520		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			

Matrix Spike (2610107-MS2)

Source: E603055-05

Prepared: 03/06/26 Analyzed: 03/07/26

Gasoline Range Organics (C6-C10)	65.0	20.0	50.0	ND	130	70-130			
Surrogate: Bromofluorobenzene	0.512		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.520		0.500		104	70-130			
Surrogate: Toluene-d8	0.519		0.500		104	70-130			

Matrix Spike Dup (2610107-MSD2)

Source: E603055-05

Prepared: 03/06/26 Analyzed: 03/07/26

Gasoline Range Organics (C6-C10)	60.2	20.0	50.0	ND	120	70-130	7.76	20	
Surrogate: Bromofluorobenzene	0.509		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.5	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			



QC Summary Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/11/2026 5:14:50PM

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 (2611043-BLK1)					Prepared: 03/10/26 Analyzed: 03/10/26				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.5		50.0		97.0	61-141			

LCS (2611043-BS1)					Prepared: 03/10/26 Analyzed: 03/10/26				
Diesel Range Organics (C10-C28)	248	25.0	250		99.2	66-144			
Surrogate: n-Nonane	48.0		50.0		96.0	61-141			

Matrix Spike (2611043-MS1)					Source: E603056-07		Prepared: 03/10/26 Analyzed: 03/10/26		
Diesel Range Organics (C10-C28)	257	25.0	250	ND	103	56-156			
Surrogate: n-Nonane	49.5		50.0		99.0	61-141			

Matrix Spike Dup (2611043-MSD1)					Source: E603056-07		Prepared: 03/10/26 Analyzed: 03/10/26		
Diesel Range Organics (C10-C28)	255	25.0	250	ND	102	56-156	0.619	20	
Surrogate: n-Nonane	48.5		50.0		96.9	61-141			



QC Summary Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/11/2026 5:14:50PM

Anions by EPA 300.0/9056A

Analyst: TP

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

Blank (2610111-BLK1)					Prepared: 03/06/26 Analyzed: 03/07/26				
Chloride	ND	20.0							
LCS (2610111-BS1)					Prepared: 03/06/26 Analyzed: 03/07/26				
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2610111-MS1)					Source: E603055-05		Prepared: 03/06/26 Analyzed: 03/07/26		
Chloride	257	20.0	250	ND	103	80-120			
Matrix Spike Dup (2610111-MSD1)					Source: E603055-05		Prepared: 03/06/26 Analyzed: 03/07/26		
Chloride	258	20.0	250	ND	103	80-120	0.309	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:	Biggers Federal East TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	03/11/26 17:14

- 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# E1003056		Job Number 23003.0002				1D 2D 3D Std X						
Project: Biggers Federal East TB				Address: 3122 National Parks Hwy								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	
10:39	3/4/2026	S	1	SS01-0'		1						X						
11:41	3/4/2026	S	1	SS01-1'		2						X						
11:46	3/4/2026	S	1	SS04-0'		3						X						
13:06	3/4/2026	S	1	SS04-1'		4						X						
13:10	3/4/2026	S	1	SS06-0'		5						X						
14:26	3/4/2026	S	1	SS06-1'		6						X						
13:15	3/4/2026	S	1	SS10-0'		7						X						
14:29	3/4/2026	S	1	SS10-1'		8						X						
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, chamilton@ensolum.com, iestrella@ensolum.com, bsimmons@ensolum.com, igonzalez@ensolum.com, bmoir@ensolum.com, oaderinto@ensolum.com I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																		
Sampled by: Aboubakar Kone																		
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: ☒ Y / N T1 _____ T2 _____ T3 _____ AVG Temp °C _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA										
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 Gonzalez		3/5/26	7:11	Michelle Gonzalez		3-5-26	0711											
Michelle Gonzalez		3-5-26	1630	Nathan Gonzalez		3-5-26	1630											
Nathan Gonzalez		3-5-26	2115	Johnny Archuleta		3-5-26	2115											
Johnny Archuleta		3-5-26	0100	Noe Soto		3-5-26	0530											
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____																		
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																		



Envirotech Analytical Laboratory

Printed: 3/6/2026 1:31:06PM

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:	03/06/26 05:30	Work Order ID:	E603056
Phone:	(972) 371-5200	Date Logged In:	03/05/26 16:20	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	03/12/26 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: 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: Biggers Federal East TB

Work Order: E603074

Job Number: 23003-0002

Received: 3/9/2026

Revision: 4

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/18/26

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: 5/18/26

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



Project Name: Biggers Federal East TB
Workorder: E603074
Date Received: 3/9/2026 8:00:00AM

Ashley Urzedo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/9/2026 8:00:00AM, under the Project Name: Biggers Federal East TB.

The analytical test results summarized in this report with the Project Name: Biggers Federal East 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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Sample Summary

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Biggers Federal East TB Project Number: 23003-0002 Project Manager: Ashley Urzedo	Reported: 05/18/26 09:13
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS02-0'	E603074-01A	Soil	03/05/26	03/09/26	Glass Jar, 2 oz.
SS02-1'	E603074-02A	Soil	03/05/26	03/09/26	Glass Jar, 2 oz.
SS011-0'	E603074-03A	Soil	03/05/26	03/09/26	Glass Jar, 2 oz.
SS011-1'	E603074-04A	Soil	03/05/26	03/09/26	Glass Jar, 2 oz.
SS012-0'	E603074-05A	Soil	03/05/26	03/09/26	Glass Jar, 2 oz.
SS012-1'	E603074-06A	Soil	03/05/26	03/09/26	Glass Jar, 2 oz.
SS013-0'	E603074-07A	Soil	03/05/26	03/09/26	Glass Jar, 2 oz.
SS013-1'	E603074-08A	Soil	03/05/26	03/09/26	Glass Jar, 2 oz.
SS15-0'	E603074-09A	Soil	03/05/26	03/09/26	Glass Jar, 2 oz.



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/18/2026 9:13:11AM

SS02-0'

E603074-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2611013	
Benzene	ND	0.0250	1	03/09/26	03/11/26	
Ethylbenzene	ND	0.0250	1	03/09/26	03/11/26	
Toluene	ND	0.0250	1	03/09/26	03/11/26	
o-Xylene	ND	0.0250	1	03/09/26	03/11/26	
p,m-Xylene	ND	0.0500	1	03/09/26	03/11/26	
Total Xylenes	ND	0.0250	1	03/09/26	03/11/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.1 %	70-130	03/09/26	03/11/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2611013	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/26	03/11/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.2 %	70-130	03/09/26	03/11/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2611089	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/11/26	03/11/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/11/26	03/11/26	
<i>Surrogate: n-Nonane</i>		106 %	61-141	03/11/26	03/11/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2611027	
Chloride	ND	20.0	1	03/09/26	03/10/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/18/2026 9:13:11AM

SS02-1'

E603074-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2611013
Benzene	ND	0.0250	1	03/09/26	03/12/26	
Ethylbenzene	ND	0.0250	1	03/09/26	03/12/26	
Toluene	ND	0.0250	1	03/09/26	03/12/26	
o-Xylene	ND	0.0250	1	03/09/26	03/12/26	
p,m-Xylene	ND	0.0500	1	03/09/26	03/12/26	
Total Xylenes	ND	0.0250	1	03/09/26	03/12/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.1 %	70-130		03/09/26	03/12/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2611013
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/26	03/12/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.6 %	70-130		03/09/26	03/12/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2611089
Diesel Range Organics (C10-C28)	ND	25.0	1	03/11/26	03/11/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/11/26	03/11/26	
<i>Surrogate: n-Nonane</i>						
	103 %	61-141		03/11/26	03/11/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2611027
Chloride	ND	20.0	1	03/09/26	03/10/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/18/2026 9:13:11AM

SS011-0'

E603074-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2611013
Benzene	ND	0.0250	1	03/09/26	03/11/26	
Ethylbenzene	ND	0.0250	1	03/09/26	03/11/26	
Toluene	ND	0.0250	1	03/09/26	03/11/26	
o-Xylene	ND	0.0250	1	03/09/26	03/11/26	
p,m-Xylene	ND	0.0500	1	03/09/26	03/11/26	
Total Xylenes	ND	0.0250	1	03/09/26	03/11/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.3 %	70-130		03/09/26	03/11/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2611013
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/26	03/11/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.5 %	70-130		03/09/26	03/11/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2611089
Diesel Range Organics (C10-C28)	ND	25.0	1	03/11/26	03/11/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/11/26	03/11/26	
<i>Surrogate: n-Nonane</i>						
	103 %	61-141		03/11/26	03/11/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2611027
Chloride	343	20.0	1	03/09/26	03/10/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/18/2026 9:13:11AM

SS011-1'

E603074-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2611013	
Benzene	ND	0.0250	1	03/09/26	03/11/26	
Ethylbenzene	ND	0.0250	1	03/09/26	03/11/26	
Toluene	ND	0.0250	1	03/09/26	03/11/26	
o-Xylene	ND	0.0250	1	03/09/26	03/11/26	
p,m-Xylene	ND	0.0500	1	03/09/26	03/11/26	
Total Xylenes	ND	0.0250	1	03/09/26	03/11/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.9 %	70-130	03/09/26	03/11/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2611013	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/26	03/11/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.8 %	70-130	03/09/26	03/11/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2611089	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/11/26	03/11/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/11/26	03/11/26	
<i>Surrogate: n-Nonane</i>		103 %	61-141	03/11/26	03/11/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2611027	
Chloride	59.1	20.0	1	03/09/26	03/10/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/18/2026 9:13:11AM

SS012-0'

E603074-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2611013
Benzene	ND	0.0250	1	03/09/26	03/11/26	
Ethylbenzene	ND	0.0250	1	03/09/26	03/11/26	
Toluene	ND	0.0250	1	03/09/26	03/11/26	
o-Xylene	ND	0.0250	1	03/09/26	03/11/26	
p,m-Xylene	ND	0.0500	1	03/09/26	03/11/26	
Total Xylenes	ND	0.0250	1	03/09/26	03/11/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.6 %	70-130		03/09/26	03/11/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2611013
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/26	03/11/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.4 %	70-130		03/09/26	03/11/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2611089
Diesel Range Organics (C10-C28)	ND	25.0	1	03/11/26	03/11/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/11/26	03/11/26	
<i>Surrogate: n-Nonane</i>						
	103 %	61-141		03/11/26	03/11/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2611027
Chloride	ND	20.0	1	03/09/26	03/10/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/18/2026 9:13:11AM

SS012-1'

E603074-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2611013
Benzene	ND	0.0250	1	03/09/26	03/11/26	
Ethylbenzene	ND	0.0250	1	03/09/26	03/11/26	
Toluene	ND	0.0250	1	03/09/26	03/11/26	
o-Xylene	ND	0.0250	1	03/09/26	03/11/26	
p,m-Xylene	ND	0.0500	1	03/09/26	03/11/26	
Total Xylenes	ND	0.0250	1	03/09/26	03/11/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.3 %	70-130		03/09/26	03/11/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2611013
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/26	03/11/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.0 %	70-130		03/09/26	03/11/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2611089
Diesel Range Organics (C10-C28)	ND	25.0	1	03/11/26	03/11/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/11/26	03/11/26	
<i>Surrogate: n-Nonane</i>						
	106 %	61-141		03/11/26	03/11/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2611027
Chloride	ND	20.0	1	03/09/26	03/10/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/18/2026 9:13:11AM

SS013-0'

E603074-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2611013	
Benzene	ND	0.0250	1	03/09/26	03/11/26	
Ethylbenzene	ND	0.0250	1	03/09/26	03/11/26	
Toluene	ND	0.0250	1	03/09/26	03/11/26	
o-Xylene	ND	0.0250	1	03/09/26	03/11/26	
p,m-Xylene	ND	0.0500	1	03/09/26	03/11/26	
Total Xylenes	ND	0.0250	1	03/09/26	03/11/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	87.8 %	70-130		03/09/26	03/11/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2611013	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/26	03/11/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	94.8 %	70-130		03/09/26	03/11/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2611089	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/11/26	03/11/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/11/26	03/11/26	
<i>Surrogate: n-Nonane</i>	103 %	61-141		03/11/26	03/11/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2611027	
Chloride	21.3	20.0	1	03/09/26	03/10/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/18/2026 9:13:11AM

SS013-1'

E603074-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2611013	
Benzene	ND	0.0250	1	03/09/26	03/11/26	
Ethylbenzene	ND	0.0250	1	03/09/26	03/11/26	
Toluene	ND	0.0250	1	03/09/26	03/11/26	
o-Xylene	ND	0.0250	1	03/09/26	03/11/26	
p,m-Xylene	ND	0.0500	1	03/09/26	03/11/26	
Total Xylenes	ND	0.0250	1	03/09/26	03/11/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	88.6 %	70-130		03/09/26	03/11/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2611013	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/26	03/11/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	97.8 %	70-130		03/09/26	03/11/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2611089	
Diesel Range Organics (C10-C28)	35.9	25.0	1	03/11/26	03/11/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/11/26	03/11/26	
<i>Surrogate: n-Nonane</i>	103 %	61-141		03/11/26	03/11/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2611027	
Chloride	ND	20.0	1	03/09/26	03/10/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Urzedo

Reported:
5/18/2026 9:13:11AM

SS15-0'

E603074-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2611013	
Benzene	ND	0.0250	1	03/09/26	03/11/26	
Ethylbenzene	ND	0.0250	1	03/09/26	03/11/26	
Toluene	ND	0.0250	1	03/09/26	03/11/26	
o-Xylene	ND	0.0250	1	03/09/26	03/11/26	
p,m-Xylene	ND	0.0500	1	03/09/26	03/11/26	
Total Xylenes	ND	0.0250	1	03/09/26	03/11/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.1 %	70-130		03/09/26	03/11/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2611013	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/26	03/11/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.0 %	70-130		03/09/26	03/11/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2611089	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/11/26	03/11/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/11/26	03/11/26	
<i>Surrogate: n-Nonane</i>						
	105 %	61-141		03/11/26	03/11/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2611027	
Chloride	117	20.0	1	03/09/26	03/10/26	



QC Summary Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/18/2026 9:13:11AM

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 (2611013-BLK1)

Prepared: 03/09/26 Analyzed: 03/11/26

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	7.42		8.00		92.7	70-130			

LCS (2611013-BS1)

Prepared: 03/09/26 Analyzed: 03/11/26

Benzene	4.81	0.0250	5.00		96.2	70-130			
Ethylbenzene	4.49	0.0250	5.00		89.8	70-130			
Toluene	4.72	0.0250	5.00		94.4	70-130			
o-Xylene	4.56	0.0250	5.00		91.3	70-130			
p,m-Xylene	9.19	0.0500	10.0		91.9	70-130			
Total Xylenes	13.7	0.0250	15.0		91.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.48		8.00		93.5	70-130			

Matrix Spike (2611013-MS1)

Source: E603074-01

Prepared: 03/09/26 Analyzed: 03/11/26

Benzene	4.68	0.0250	5.00	ND	93.7	70-130			
Ethylbenzene	4.35	0.0250	5.00	ND	86.9	70-130			
Toluene	4.58	0.0250	5.00	ND	91.7	70-130			
o-Xylene	4.43	0.0250	5.00	ND	88.6	70-130			
p,m-Xylene	8.90	0.0500	10.0	ND	89.0	70-130			
Total Xylenes	13.3	0.0250	15.0	ND	88.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.37		8.00		92.1	70-130			

Matrix Spike Dup (2611013-MSD1)

Source: E603074-01

Prepared: 03/09/26 Analyzed: 03/11/26

Benzene	4.54	0.0250	5.00	ND	90.8	70-130	3.09	27	
Ethylbenzene	4.25	0.0250	5.00	ND	84.9	70-130	2.30	26	
Toluene	4.46	0.0250	5.00	ND	89.2	70-130	2.75	20	
o-Xylene	4.33	0.0250	5.00	ND	86.6	70-130	2.32	25	
p,m-Xylene	8.70	0.0500	10.0	ND	87.0	70-130	2.18	23	
Total Xylenes	13.0	0.0250	15.0	ND	86.9	70-130	2.23	26	
Surrogate: 4-Bromochlorobenzene-PID	7.42		8.00		92.7	70-130			



QC Summary Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/18/2026 9:13:11AM

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 (2611013-BLK1) Prepared: 03/09/26 Analyzed: 03/11/26

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

LCS (2611013-BS2) Prepared: 03/09/26 Analyzed: 03/11/26

Gasoline Range Organics (C6-C10)	51.0	20.0	50.0		102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.62		8.00		95.2	70-130			

Matrix Spike (2611013-MS2) Source: E603074-01 Prepared: 03/09/26 Analyzed: 03/11/26

Gasoline Range Organics (C6-C10)	53.5	20.0	50.0	ND	107	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.78		8.00		97.2	70-130			

Matrix Spike Dup (2611013-MSD2) Source: E603074-01 Prepared: 03/09/26 Analyzed: 03/11/26

Gasoline Range Organics (C6-C10)	52.2	20.0	50.0	ND	104	70-130	2.57	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.56		8.00		94.5	70-130			



QC Summary Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/18/2026 9:13:11AM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2611089-BLK1)					Prepared: 03/11/26 Analyzed: 03/11/26				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.2		50.0		106	61-141			

LCS (2611089-BS1)					Prepared: 03/11/26 Analyzed: 03/11/26				
Diesel Range Organics (C10-C28)	278	25.0	250		111	66-144			
Surrogate: n-Nonane	52.5		50.0		105	61-141			

Matrix Spike (2611089-MS1)					Source: E603106-05		Prepared: 03/11/26 Analyzed: 03/11/26		
Diesel Range Organics (C10-C28)	292	25.0	250	ND	117	56-156			
Surrogate: n-Nonane	53.6		50.0		107	61-141			

Matrix Spike Dup (2611089-MSD1)					Source: E603106-05		Prepared: 03/11/26 Analyzed: 03/11/26		
Diesel Range Organics (C10-C28)	300	25.0	250	ND	120	56-156	2.64	20	
Surrogate: n-Nonane	54.6		50.0		109	61-141			



QC Summary Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Urzedo	5/18/2026 9:13:11AM

Anions by EPA 300.0/9056A

Analyst: AK

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

Blank (2611027-BLK1)					Prepared: 03/09/26 Analyzed: 03/10/26				
Chloride	ND	20.0							
LCS (2611027-BS1)					Prepared: 03/09/26 Analyzed: 03/10/26				
Chloride	260	20.0	250		104	90-110			
Matrix Spike (2611027-MS1)					Source: E603069-03		Prepared: 03/09/26 Analyzed: 03/10/26		
Chloride	550	20.0	250	288	105	80-120			
Matrix Spike Dup (2611027-MSD1)					Source: E603069-03		Prepared: 03/09/26 Analyzed: 03/10/26		
Chloride	543	20.0	250	288	102	80-120	1.35	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:	Biggers Federal East TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Urzedo	05/18/26 09:13

- 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: Biggers Federal East TB				Address: 3122 National Parks Hwy		E603074	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	
																Compliance	Y	or	N
																PWSID #			
																Sample Temp			Remarks
1042	3/5/2026	S	1	SS02F-0'		1								X		1.0			
1416	3/5/2026	S	1	SS02F-1'		2								X		1.2			
1124	3/5/2026	S	1	SS011-0'		3								X		2.3			
1403	3/5/2026	S	1	SS011-1'		4								X		1.0			
1137	3/5/2026	S	1	SS012-0'		5								X		1.4			
1410	3/5/2026	S	1	SS012-1'		6								X		1.0			
1139	3/5/2026	S	1	SS013-0'		7								X		1.9			
1310	3/5/2026	S	1	SS013-1'		8								X		2.5			
1101	3/5/2026	S	1	SS16A-0'		9								X		2.1			
			1																
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							
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									
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: 3/9/2026 11:00:11AM

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:	03/09/26 08:00	Work Order ID:	E603074
Phone:	(972) 371-5200	Date Logged In:	03/06/26 16:48	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	03/13/26 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.



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 Name: Biggers Federal East TB				Address: 3122 National Parks Hwy		E603074	23003-002				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 3000	TCED 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
1042	3/5/2026	S	1	SS02F-0'		1								X					
1416	3/5/2026	S	1	SS02F-1'		2								X					
1124	3/5/2026	S	1	SS011-0'		3								X					
1403	3/5/2026	S	1	SS011-1'		4								X					
1137	3/5/2026	S	1	SS012-0'		5								X					
1410	3/5/2026	S	1	SS012-1'		6								X					
1139	3/5/2026	S	1	SS013-0'		7								X					
1310	3/5/2026	S	1	SS013-1'		8								X					
1101	3/5/2026	S	1	SS16A-0' SS15A-0'		9								X					
			1																
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamlton@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							
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									
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.																			



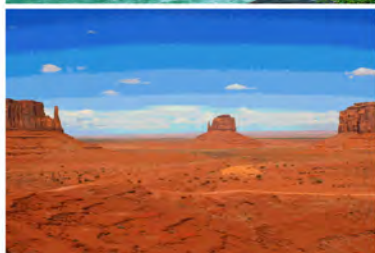
Chain of Custody

Page 1 of 1

Client Information				Invoice Information		Lab Use Only		TAT		State										
Client: Matador Production Company				Company: Ensolum LLC		Lab WO# E603074		Job Number 23003-002		1D	2D	3D	Std	NM	CO	UT	TX			
Project Name: Biggers Federal East TB				Address: 3122 National Parks Hwy										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	TCO 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA		
																	Compliance	Y	or	N
																	PWSID #			
																	Sample Temp			Remarks
1042	3/5/2026	S	1	SS027-0'		1								X			1.0			
1416	3/5/2026	S	1	SS027-1'		2								X			1.2			
1124	3/5/2026	S	1	SS011-0'		3								X			2.3			
1403	3/5/2026	S	1	SS011-1'		4								X			1.0			
1137	3/5/2026	S	1	SS012-0'		5								X			1.4			
1410	3/5/2026	S	1	SS012-1'		6								X			1.0			
1139	3/5/2026	S	1	SS013-0'		7								X			1.9			
1310	3/5/2026	S	1	SS013-1'		8								X			2.5			
1101	3/5/2026	S	1	SS15-0' ~~SS16A-0'~~ ⁵⁻¹⁵⁻²⁶ ~~SS15A-0'~~		9								X			2.1			
			1																	
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								
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									
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.																				

Report to:

Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Production Company

Project Name: Biggers Federal East TB

Work Order: E603103

Job Number: 23003-0002

Received: 3/11/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/17/26

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: 3/17/26

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



Project Name: Biggers Federal East TB
Workorder: E603103
Date Received: 3/11/2026 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/11/2026 8:00:00AM, under the Project Name: Biggers Federal East TB.

The analytical test results summarized in this report with the Project Name: Biggers Federal East 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
rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe
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Client Representative
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Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Chain of Custody etc.

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Sample Summary

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Biggers Federal East TB Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 03/17/26 08:20
--	---	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01-0'	E603103-01A	Soil	03/09/26	03/11/26	Glass Jar, 2 oz.
BH01-0.5'	E603103-02A	Soil	03/09/26	03/11/26	Glass Jar, 2 oz.
BH01-1'	E603103-03A	Soil	03/09/26	03/11/26	Glass Jar, 2 oz.
BH01-2'	E603103-04A	Soil	03/09/26	03/11/26	Glass Jar, 2 oz.
BH01-3'	E603103-05A	Soil	03/09/26	03/11/26	Glass Jar, 2 oz.
BH01-4'	E603103-06A	Soil	03/09/26	03/11/26	Glass Jar, 2 oz.
BH02-0'	E603103-07A	Soil	03/09/26	03/11/26	Glass Jar, 2 oz.
BH02-0.5'	E603103-08A	Soil	03/09/26	03/11/26	Glass Jar, 2 oz.
BH02-1'	E603103-09A	Soil	03/09/26	03/11/26	Glass Jar, 2 oz.
BH02-2'	E603103-10A	Soil	03/09/26	03/11/26	Glass Jar, 2 oz.
BH02-3'	E603103-11A	Soil	03/09/26	03/11/26	Glass Jar, 2 oz.
BH02-4'	E603103-12A	Soil	03/09/26	03/11/26	Glass Jar, 2 oz.
BH03-0'	E603103-13A	Soil	03/09/26	03/11/26	Glass Jar, 2 oz.
BH03-0.5'	E603103-14A	Soil	03/09/26	03/11/26	Glass Jar, 2 oz.
BH03-1'	E603103-15A	Soil	03/09/26	03/11/26	Glass Jar, 2 oz.
BH03-2'	E603103-16A	Soil	03/09/26	03/11/26	Glass Jar, 2 oz.
BH03-3'	E603103-17A	Soil	03/09/26	03/11/26	Glass Jar, 2 oz.
BH03-4'	E603103-18A	Soil	03/09/26	03/11/26	Glass Jar, 2 oz.



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/17/2026 8:20:03AM

BH01-0'

E603103-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2611125	
Benzene	ND	0.0250	1	03/12/26	03/14/26	
Ethylbenzene	ND	0.0250	1	03/12/26	03/14/26	
Toluene	ND	0.0250	1	03/12/26	03/14/26	
o-Xylene	ND	0.0250	1	03/12/26	03/14/26	
p,m-Xylene	ND	0.0500	1	03/12/26	03/14/26	
Total Xylenes	ND	0.0250	1	03/12/26	03/14/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	03/12/26	03/14/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2611125	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/12/26	03/14/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.7 %	70-130	03/12/26	03/14/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2611152	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/26	03/13/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/26	03/13/26	
<i>Surrogate: n-Nonane</i>						
		92.1 %	61-141	03/13/26	03/13/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2611165	
Chloride	10700	200	10	03/13/26	03/14/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/17/2026 8:20:03AM

BH01-0.5'

E603103-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2611125
Benzene	ND	0.0250	1	03/12/26	03/14/26	
Ethylbenzene	ND	0.0250	1	03/12/26	03/14/26	
Toluene	ND	0.0250	1	03/12/26	03/14/26	
o-Xylene	ND	0.0250	1	03/12/26	03/14/26	
p,m-Xylene	ND	0.0500	1	03/12/26	03/14/26	
Total Xylenes	ND	0.0250	1	03/12/26	03/14/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	03/12/26	03/14/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2611125
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/12/26	03/14/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.1 %	70-130	03/12/26	03/14/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2611152
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/26	03/13/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/26	03/13/26	
<i>Surrogate: n-Nonane</i>						
		94.4 %	61-141	03/13/26	03/13/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2611165
Chloride	3160	40.0	2	03/13/26	03/14/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/17/2026 8:20:03AM

BH01-1'

E603103-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2611125
Benzene	ND	0.0250	1	03/12/26	03/14/26	
Ethylbenzene	ND	0.0250	1	03/12/26	03/14/26	
Toluene	ND	0.0250	1	03/12/26	03/14/26	
o-Xylene	ND	0.0250	1	03/12/26	03/14/26	
p,m-Xylene	ND	0.0500	1	03/12/26	03/14/26	
Total Xylenes	ND	0.0250	1	03/12/26	03/14/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	03/12/26	03/14/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2611125
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/12/26	03/14/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.4 %	70-130	03/12/26	03/14/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2611152
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/26	03/13/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/26	03/13/26	
<i>Surrogate: n-Nonane</i>						
		95.0 %	61-141	03/13/26	03/13/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2611165
Chloride	2350	40.0	2	03/13/26	03/14/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/17/2026 8:20:03AM

BH01-2'

E603103-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2611125	
Benzene	ND	0.0250	1	03/12/26	03/14/26	
Ethylbenzene	ND	0.0250	1	03/12/26	03/14/26	
Toluene	ND	0.0250	1	03/12/26	03/14/26	
o-Xylene	ND	0.0250	1	03/12/26	03/14/26	
p,m-Xylene	ND	0.0500	1	03/12/26	03/14/26	
Total Xylenes	ND	0.0250	1	03/12/26	03/14/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	03/12/26	03/14/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2611125	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/12/26	03/14/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.7 %	70-130	03/12/26	03/14/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2611152	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/26	03/13/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/26	03/13/26	
<i>Surrogate: n-Nonane</i>						
		95.4 %	61-141	03/13/26	03/13/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2611165	
Chloride	62.0	20.0	1	03/13/26	03/14/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/17/2026 8:20:03AM

BH02-0'

E603103-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2611125	
Benzene	ND	0.0250	1	03/12/26	03/14/26	
Ethylbenzene	ND	0.0250	1	03/12/26	03/14/26	
Toluene	ND	0.0250	1	03/12/26	03/14/26	
o-Xylene	ND	0.0250	1	03/12/26	03/14/26	
p,m-Xylene	ND	0.0500	1	03/12/26	03/14/26	
Total Xylenes	ND	0.0250	1	03/12/26	03/14/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	03/12/26	03/14/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2611125	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/12/26	03/14/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.0 %	70-130	03/12/26	03/14/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2611152	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/26	03/13/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/26	03/13/26	
<i>Surrogate: n-Nonane</i>						
		91.1 %	61-141	03/13/26	03/13/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2611165	
Chloride	24400	1000	50	03/13/26	03/14/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/17/2026 8:20:03AM

BH02-0.5'

E603103-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2611125	
Benzene	ND	0.0250	1	03/12/26	03/14/26	
Ethylbenzene	ND	0.0250	1	03/12/26	03/14/26	
Toluene	ND	0.0250	1	03/12/26	03/14/26	
o-Xylene	ND	0.0250	1	03/12/26	03/14/26	
p,m-Xylene	ND	0.0500	1	03/12/26	03/14/26	
Total Xylenes	ND	0.0250	1	03/12/26	03/14/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	03/12/26	03/14/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2611125	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/12/26	03/14/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.9 %	70-130	03/12/26	03/14/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2611152	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/26	03/13/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/26	03/13/26	
<i>Surrogate: n-Nonane</i>						
		90.5 %	61-141	03/13/26	03/13/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2611165	
Chloride	11400	200	10	03/13/26	03/14/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/17/2026 8:20:03AM

BH02-1'

E603103-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2611125	
Benzene	ND	0.0250	1	03/12/26	03/14/26	
Ethylbenzene	ND	0.0250	1	03/12/26	03/14/26	
Toluene	ND	0.0250	1	03/12/26	03/14/26	
o-Xylene	ND	0.0250	1	03/12/26	03/14/26	
p,m-Xylene	ND	0.0500	1	03/12/26	03/14/26	
Total Xylenes	ND	0.0250	1	03/12/26	03/14/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	03/12/26	03/14/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2611125	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/12/26	03/14/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.2 %	70-130	03/12/26	03/14/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2611152	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/26	03/13/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/26	03/13/26	
<i>Surrogate: n-Nonane</i>						
		91.8 %	61-141	03/13/26	03/13/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2611165	
Chloride	10000	200	10	03/13/26	03/14/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/17/2026 8:20:03AM

BH02-2'

E603103-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2611125	
Benzene	ND	0.0250	1	03/12/26	03/14/26	
Ethylbenzene	ND	0.0250	1	03/12/26	03/14/26	
Toluene	ND	0.0250	1	03/12/26	03/14/26	
o-Xylene	ND	0.0250	1	03/12/26	03/14/26	
p,m-Xylene	ND	0.0500	1	03/12/26	03/14/26	
Total Xylenes	ND	0.0250	1	03/12/26	03/14/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	03/12/26	03/14/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2611125	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/12/26	03/14/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.0 %	70-130	03/12/26	03/14/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2611152	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/26	03/13/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/26	03/13/26	
<i>Surrogate: n-Nonane</i>						
		92.9 %	61-141	03/13/26	03/13/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2611165	
Chloride	767	20.0	1	03/13/26	03/14/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/17/2026 8:20:03AM

BH02-3'

E603103-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2611125	
Benzene	ND	0.0250	1	03/12/26	03/14/26	
Ethylbenzene	ND	0.0250	1	03/12/26	03/14/26	
Toluene	ND	0.0250	1	03/12/26	03/14/26	
o-Xylene	ND	0.0250	1	03/12/26	03/14/26	
p,m-Xylene	ND	0.0500	1	03/12/26	03/14/26	
Total Xylenes	ND	0.0250	1	03/12/26	03/14/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %	70-130	03/12/26	03/14/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2611125	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/12/26	03/14/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.8 %	70-130	03/12/26	03/14/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2611152	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/26	03/13/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/26	03/13/26	
<i>Surrogate: n-Nonane</i>		89.5 %	61-141	03/13/26	03/13/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2611165	
Chloride	78.5	20.0	1	03/13/26	03/14/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/17/2026 8:20:03AM

BH03-0'

E603103-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2611125
Benzene	ND	0.0250	1	03/12/26	03/14/26	
Ethylbenzene	ND	0.0250	1	03/12/26	03/14/26	
Toluene	ND	0.0250	1	03/12/26	03/14/26	
o-Xylene	ND	0.0250	1	03/12/26	03/14/26	
p,m-Xylene	ND	0.0500	1	03/12/26	03/14/26	
Total Xylenes	ND	0.0250	1	03/12/26	03/14/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		106 %	70-130	03/12/26	03/14/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2611125
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/12/26	03/14/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.7 %	70-130	03/12/26	03/14/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2611152
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/26	03/14/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/26	03/14/26	
<i>Surrogate: n-Nonane</i>						
		87.7 %	61-141	03/13/26	03/14/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2611165
Chloride	16600	400	20	03/13/26	03/14/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/17/2026 8:20:03AM

BH03-0.5'

E603103-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2611125	
Benzene	ND	0.0250	1	03/12/26	03/14/26	
Ethylbenzene	ND	0.0250	1	03/12/26	03/14/26	
Toluene	ND	0.0250	1	03/12/26	03/14/26	
o-Xylene	ND	0.0250	1	03/12/26	03/14/26	
p,m-Xylene	ND	0.0500	1	03/12/26	03/14/26	
Total Xylenes	ND	0.0250	1	03/12/26	03/14/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	03/12/26	03/14/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2611125	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/12/26	03/14/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.9 %	70-130	03/12/26	03/14/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2611152	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/26	03/14/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/26	03/14/26	
<i>Surrogate: n-Nonane</i>						
		92.4 %	61-141	03/13/26	03/14/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2611165	
Chloride	11100	200	10	03/13/26	03/14/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/17/2026 8:20:03AM

BH03-1'

E603103-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2611125
Benzene	ND	0.0250	1	03/12/26	03/15/26	
Ethylbenzene	ND	0.0250	1	03/12/26	03/15/26	
Toluene	ND	0.0250	1	03/12/26	03/15/26	
o-Xylene	ND	0.0250	1	03/12/26	03/15/26	
p,m-Xylene	ND	0.0500	1	03/12/26	03/15/26	
Total Xylenes	ND	0.0250	1	03/12/26	03/15/26	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	03/12/26	03/15/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2611125
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/12/26	03/15/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.5 %	70-130	03/12/26	03/15/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2611152
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/26	03/14/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/26	03/14/26	
Surrogate: n-Nonane		90.4 %	61-141	03/13/26	03/14/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2611165
Chloride	4750	100	5	03/13/26	03/14/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/17/2026 8:20:03AM

BH03-2'

E603103-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2611125
Benzene	ND	0.0250	1	03/12/26	03/15/26	
Ethylbenzene	ND	0.0250	1	03/12/26	03/15/26	
Toluene	ND	0.0250	1	03/12/26	03/15/26	
o-Xylene	ND	0.0250	1	03/12/26	03/15/26	
p,m-Xylene	ND	0.0500	1	03/12/26	03/15/26	
Total Xylenes	ND	0.0250	1	03/12/26	03/15/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		107 %	70-130	03/12/26	03/15/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2611125
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/12/26	03/15/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.5 %	70-130	03/12/26	03/15/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2611152
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/26	03/14/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/26	03/14/26	
<i>Surrogate: n-Nonane</i>						
		89.6 %	61-141	03/13/26	03/14/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2611165
Chloride	2400	40.0	2	03/13/26	03/14/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/17/2026 8:20:03AM

BH03-3'

E603103-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2611125
Benzene	ND	0.0250	1	03/12/26	03/15/26	
Ethylbenzene	ND	0.0250	1	03/12/26	03/15/26	
Toluene	ND	0.0250	1	03/12/26	03/15/26	
o-Xylene	ND	0.0250	1	03/12/26	03/15/26	
p,m-Xylene	ND	0.0500	1	03/12/26	03/15/26	
Total Xylenes	ND	0.0250	1	03/12/26	03/15/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		106 %	70-130	03/12/26	03/15/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2611125
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/12/26	03/15/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.0 %	70-130	03/12/26	03/15/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2611152
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/26	03/14/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/26	03/14/26	
<i>Surrogate: n-Nonane</i>						
		87.4 %	61-141	03/13/26	03/14/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2611165
Chloride	76.7	20.0	1	03/13/26	03/14/26	



QC Summary Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/17/2026 8:20:03AM

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 (2611125-BLK1)

Prepared: 03/12/26 Analyzed: 03/14/26

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	8.40		8.00		105	70-130			

LCS (2611125-BS1)

Prepared: 03/12/26 Analyzed: 03/14/26

Benzene	5.30	0.0250	5.00		106	70-130			
Ethylbenzene	4.94	0.0250	5.00		98.8	70-130			
Toluene	5.15	0.0250	5.00		103	70-130			
o-Xylene	5.06	0.0250	5.00		101	70-130			
p,m-Xylene	10.0	0.0500	10.0		100	70-130			
Total Xylenes	15.1	0.0250	15.0		100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.30		8.00		104	70-130			

Matrix Spike (2611125-MS1)

Source: E603103-13

Prepared: 03/12/26 Analyzed: 03/14/26

Benzene	5.66	0.0250	5.00	ND	113	70-130			
Ethylbenzene	5.31	0.0250	5.00	ND	106	70-130			
Toluene	5.52	0.0250	5.00	ND	110	70-130			
o-Xylene	5.42	0.0250	5.00	ND	108	70-130			
p,m-Xylene	10.8	0.0500	10.0	ND	108	70-130			
Total Xylenes	16.2	0.0250	15.0	ND	108	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.14		8.00		102	70-130			

Matrix Spike Dup (2611125-MSD1)

Source: E603103-13

Prepared: 03/12/26 Analyzed: 03/14/26

Benzene	5.00	0.0250	5.00	ND	100	70-130	12.5	27	
Ethylbenzene	4.71	0.0250	5.00	ND	94.1	70-130	12.0	26	
Toluene	4.88	0.0250	5.00	ND	97.6	70-130	12.3	20	
o-Xylene	4.80	0.0250	5.00	ND	96.0	70-130	12.2	25	
p,m-Xylene	9.57	0.0500	10.0	ND	95.7	70-130	11.9	23	
Total Xylenes	14.4	0.0250	15.0	ND	95.8	70-130	12.0	26	
Surrogate: 4-Bromochlorobenzene-PID	8.04		8.00		101	70-130			



QC Summary Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/17/2026 8:20:03AM

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 (2611125-BLK1) Prepared: 03/12/26 Analyzed: 03/14/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.87		8.00		98.4	70-130			

LCS (2611125-BS2) Prepared: 03/12/26 Analyzed: 03/14/26

Gasoline Range Organics (C6-C10)	46.3	20.0	50.0		92.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.85		8.00		98.1	70-130			

Matrix Spike (2611125-MS2) Source: E603103-13 Prepared: 03/12/26 Analyzed: 03/14/26

Gasoline Range Organics (C6-C10)	49.0	20.0	50.0	ND	97.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.89		8.00		98.6	70-130			

Matrix Spike Dup (2611125-MSD2) Source: E603103-13 Prepared: 03/12/26 Analyzed: 03/14/26

Gasoline Range Organics (C6-C10)	49.6	20.0	50.0	ND	99.3	70-130	1.35	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.94		8.00		99.3	70-130			



QC Summary Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/17/2026 8:20:03AM

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 (2611152-BLK1)

Prepared: 03/13/26 Analyzed: 03/13/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	44.3		50.0		88.5	61-141			

LCS (2611152-BS1)

Prepared: 03/13/26 Analyzed: 03/13/26

Diesel Range Organics (C10-C28)	231	25.0	250		92.3	66-144			
Surrogate: <i>n</i> -Nonane	42.7		50.0		85.4	61-141			

Matrix Spike (2611152-MS1)

Source: E603103-01

Prepared: 03/13/26 Analyzed: 03/13/26

Diesel Range Organics (C10-C28)	237	25.0	250	ND	94.7	56-156			
Surrogate: <i>n</i> -Nonane	43.9		50.0		87.8	61-141			

Matrix Spike Dup (2611152-MSD1)

Source: E603103-01

Prepared: 03/13/26 Analyzed: 03/13/26

Diesel Range Organics (C10-C28)	242	25.0	250	ND	96.6	56-156	1.99	20	
Surrogate: <i>n</i> -Nonane	44.3		50.0		88.6	61-141			



QC Summary Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/17/2026 8:20:03AM

Anions by EPA 300.0/9056A

Analyst: TP

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

Blank (2611165-BLK1)					Prepared: 03/13/26 Analyzed: 03/14/26				
Chloride	ND	20.0							
LCS (2611165-BS1)					Prepared: 03/13/26 Analyzed: 03/14/26				
Chloride	261	20.0	250		104	90-110			
Matrix Spike (2611165-MS1)					Source: E603103-06		Prepared: 03/13/26 Analyzed: 03/14/26		
Chloride	270	20.0	250	ND	108	80-120			
Matrix Spike Dup (2611165-MSD1)					Source: E603103-06		Prepared: 03/13/26 Analyzed: 03/14/26		
Chloride	270	20.0	250	ND	108	80-120	0.00556	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:	Biggers Federal East TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	03/17/26 08:20

- 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# E603103				Job Number 23003-0002				1D 2D 3D Std x					
Project Name: Bigger Federal East 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	BTX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA		
																	Compliance	Y	or	N	
																	PWSID #				
																	Sample Temp			Remarks	
10:33	3/9/2026	Soil	1	BH01 - 0'		1									X		1.5				
13:03	3/9/2026	Soil	1	BH01 - 0.5'		2									X		2.3				
13:04	3/9/2026	Soil	1	BH01 - 1'		3									X		0.7				
13:08	3/9/2026	Soil	1	BH01 - 2'		4									X		0.9				
13:11	3/9/2026	Soil	1	BH01 - 3'		5									X		1.3			Do not run BGDOC unless sample is >100 TPH or 600 Cl	
13:13	3/9/2026	Soil	1	BH01 - 4'		6									X		1.5			Do not run BGDOC unless sample is >100 TPH or 600 Cl	
10:32	3/9/2026	Soil	1	BH02 - 0'		7									X		0.9				
13:15	3/9/2026	Soil	1	BH02 - 0.5'		8									X		1.6				
13:17	3/9/2026	Soil	1	BH02 - 1'		9									X		1.1				
13:19	3/9/2026	Soil	1	BH02 - 2'		10									X		1.3				
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com																					
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																					
Sampled by: Lillynn Lewis, Kelsie Smith																					
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.			
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Received by: (Signature)		Date		Time					
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Received by: (Signature)		Date		Time					
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Received by: (Signature)		Date		Time					
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only			
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Received on ice: (Y) N			
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																					
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																					
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																					

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: Bigger Federal East TB				Address: 3122 National Parks Hwy		EC03103	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
13:21	3/9/2026	Soil	1	BH02 - 3'		11								x		2.9		
13:22	3/9/2026	Soil	1	BH02 - 4'		12								x		2.4		Do not run BGDOC unless sample is >100 TPH or 600 cl
10:31	3/9/2026	Soil	1	BH03 - 0'		13								x		3.8		
13:25	3/9/2026	Soil	1	BH03 - 0.5'		14								x		1.3		
13:26	3/9/2026	Soil	1	BH03 - 1'		15								x		1.9		
13:28	3/9/2026	Soil	1	BH03 - 2'		16								x		2.9		
13:30	3/9/2026	Soil	1	BH03 - 3'		17								x		2.5		
13:33	3/9/2026	Soil	1	BH03 - 4'		18								x		2.8		Do not run BGDOC unless sample is >100 TPH or 600 cl
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com																		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																		
Sampled by: Lillynn Lewis, Kelsie Smith																		
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: ☒ N												
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													
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: 3/11/2026 9:42:26AM

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 Production Company	Date Received:	03/11/26 08:00	Work Order ID:	E603103
Phone:	(972) 371-5200	Date Logged In:	03/10/26 15:12	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	03/17/26 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: Biggers Federal East TB

Work Order: E603120

Job Number: 23003-0002

Received: 3/12/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/18/26

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: 3/18/26

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



Project Name: Biggers Federal East TB
Workorder: E603120
Date Received: 3/12/2026 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/12/2026 8:00:00AM, under the Project Name: Biggers Federal East TB.

The analytical test results summarized in this report with the Project Name: Biggers Federal East 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
rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
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Cell: 505-947-8222
mgonzaless@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Biggers Federal East TB Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 03/18/26 12:27
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH04-0.5'	E603120-01A	Soil	03/10/26	03/12/26	Glass Jar, 2 oz.
BH04-1'	E603120-02A	Soil	03/10/26	03/12/26	Glass Jar, 2 oz.
BH04-2'	E603120-03A	Soil	03/10/26	03/12/26	Glass Jar, 2 oz.
BH04-3'	E603120-04A	Soil	03/10/26	03/12/26	Glass Jar, 2 oz.
BH04-4'	E603120-05A	Soil	03/10/26	03/12/26	Glass Jar, 2 oz.
BH05-0.5'	E603120-06A	Soil	03/10/26	03/12/26	Glass Jar, 2 oz.
BH05-1'	E603120-07A	Soil	03/10/26	03/12/26	Glass Jar, 2 oz.
BH05-2'	E603120-08A	Soil	03/10/26	03/12/26	Glass Jar, 2 oz.
BH05-3'	E603120-09A	Soil	03/10/26	03/12/26	Glass Jar, 2 oz.
BH05-4'	E603120-10A	Soil	03/10/26	03/12/26	Glass Jar, 2 oz.
BH06-0.5'	E603120-11A	Soil	03/10/26	03/12/26	Glass Jar, 2 oz.
BH06-1'	E603120-12A	Soil	03/10/26	03/12/26	Glass Jar, 2 oz.
BH06-2'	E603120-13A	Soil	03/10/26	03/12/26	Glass Jar, 2 oz.
BH06-3'	E603120-14A	Soil	03/10/26	03/12/26	Glass Jar, 2 oz.
BH06-4'	E603120-15A	Soil	03/10/26	03/12/26	Glass Jar, 2 oz.
BH07-0'	E603120-16A	Soil	03/10/26	03/12/26	Glass Jar, 2 oz.
BH07-0.5'	E603120-17A	Soil	03/10/26	03/12/26	Glass Jar, 2 oz.
BH07-1'	E603120-18A	Soil	03/10/26	03/12/26	Glass Jar, 2 oz.
BH07-2'	E603120-19A	Soil	03/10/26	03/12/26	Glass Jar, 2 oz.
BH07-3'	E603120-20A	Soil	03/10/26	03/12/26	Glass Jar, 2 oz.
BH07-4'	E603120-21A	Soil	03/10/26	03/12/26	Glass Jar, 2 oz.
BH08-0'	E603120-22A	Soil	03/10/26	03/12/26	Glass Jar, 2 oz.
BH08-0.5'	E603120-23A	Soil	03/10/26	03/12/26	Glass Jar, 2 oz.
BH08-1'	E603120-24A	Soil	03/10/26	03/12/26	Glass Jar, 2 oz.
BH08-2'	E603120-25A	Soil	03/10/26	03/12/26	Glass Jar, 2 oz.
BH08-3'	E603120-26A	Soil	03/10/26	03/12/26	Glass Jar, 2 oz.
BH08-4'	E603120-27A	Soil	03/10/26	03/12/26	Glass Jar, 2 oz.
BH09-0.5'	E603120-28A	Soil	03/10/26	03/12/26	Glass Jar, 2 oz.
BH09-1'	E603120-29A	Soil	03/10/26	03/12/26	Glass Jar, 2 oz.
BH09-2'	E603120-30A	Soil	03/10/26	03/12/26	Glass Jar, 2 oz.
BH09-3'	E603120-31A	Soil	03/10/26	03/12/26	Glass Jar, 2 oz.
BH09-4'	E603120-32A	Soil	03/10/26	03/12/26	Glass Jar, 2 oz.
BH09-5'	E603120-33A	Soil	03/10/26	03/12/26	Glass Jar, 2 oz.
BH09-6'	E603120-34A	Soil	03/10/26	03/12/26	Glass Jar, 2 oz.
BH09-7'	E603120-35A	Soil	03/10/26	03/12/26	Glass Jar, 2 oz.
BH09-8'	E603120-36A	Soil	03/10/26	03/12/26	Glass Jar, 2 oz.
BH10-0.5'	E603120-37A	Soil	03/10/26	03/12/26	Glass Jar, 2 oz.
BH10-1'	E603120-38A	Soil	03/10/26	03/12/26	Glass Jar, 2 oz.
BH10-2'	E603120-39A	Soil	03/10/26	03/12/26	Glass Jar, 2 oz.
BH10-3'	E603120-40A	Soil	03/10/26	03/12/26	Glass Jar, 2 oz.



Sample Summary

Matador Production Company	Project Name:	Biggers Federal East TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	03/18/26 12:27

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH10-4'	E603120-41A	Soil	03/10/26	03/12/26	Glass Jar, 2 oz.



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/18/2026 12:27:55PM

BH04-0.5'

E603120-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB		Batch: 2611174	
Benzene	ND	0.0250	1	03/13/26	03/14/26	
Ethylbenzene	ND	0.0250	1	03/13/26	03/14/26	
Toluene	ND	0.0250	1	03/13/26	03/14/26	
o-Xylene	ND	0.0250	1	03/13/26	03/14/26	
p,m-Xylene	ND	0.0500	1	03/13/26	03/14/26	
Total Xylenes	ND	0.0250	1	03/13/26	03/14/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.2 %	70-130	03/13/26	03/14/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB		Batch: 2611174	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/26	03/14/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.1 %	70-130	03/13/26	03/14/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2612003	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/16/26	03/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/16/26	03/16/26	
<i>Surrogate: n-Nonane</i>		95.4 %	61-141	03/16/26	03/16/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2611180	
Chloride	7700	200	10	03/13/26	03/14/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/18/2026 12:27:55PM

BH04-1'

E603120-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2611174
Benzene	ND	0.0250	1	03/13/26	03/14/26	
Ethylbenzene	ND	0.0250	1	03/13/26	03/14/26	
Toluene	ND	0.0250	1	03/13/26	03/14/26	
o-Xylene	ND	0.0250	1	03/13/26	03/14/26	
p,m-Xylene	ND	0.0500	1	03/13/26	03/14/26	
Total Xylenes	ND	0.0250	1	03/13/26	03/14/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.6 %	70-130		03/13/26	03/14/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2611174
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/26	03/14/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.1 %	70-130		03/13/26	03/14/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2612003
Diesel Range Organics (C10-C28)	ND	25.0	1	03/16/26	03/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/16/26	03/16/26	
<i>Surrogate: n-Nonane</i>						
	96.5 %	61-141		03/16/26	03/16/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2611180
Chloride	3860	40.0	2	03/13/26	03/14/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/18/2026 12:27:55PM

BH04-2'

E603120-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB		Batch: 2611174	
Benzene	ND	0.0250	1	03/13/26	03/14/26	
Ethylbenzene	ND	0.0250	1	03/13/26	03/14/26	
Toluene	ND	0.0250	1	03/13/26	03/14/26	
o-Xylene	ND	0.0250	1	03/13/26	03/14/26	
p,m-Xylene	ND	0.0500	1	03/13/26	03/14/26	
Total Xylenes	ND	0.0250	1	03/13/26	03/14/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.3 %	70-130	03/13/26	03/14/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB		Batch: 2611174	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/26	03/14/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		101 %	70-130	03/13/26	03/14/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2612003	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/16/26	03/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/16/26	03/16/26	
<i>Surrogate: n-Nonane</i>		97.3 %	61-141	03/16/26	03/16/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2611180	
Chloride	791	20.0	1	03/13/26	03/14/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/18/2026 12:27:55PM

BH04-3'

E603120-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2611174
Benzene	ND	0.0250	1	03/13/26	03/14/26	
Ethylbenzene	ND	0.0250	1	03/13/26	03/14/26	
Toluene	ND	0.0250	1	03/13/26	03/14/26	
o-Xylene	ND	0.0250	1	03/13/26	03/14/26	
p,m-Xylene	ND	0.0500	1	03/13/26	03/14/26	
Total Xylenes	ND	0.0250	1	03/13/26	03/14/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.9 %	70-130		03/13/26	03/14/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2611174
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/26	03/14/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	101 %	70-130		03/13/26	03/14/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2612003
Diesel Range Organics (C10-C28)	ND	25.0	1	03/16/26	03/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/16/26	03/16/26	
<i>Surrogate: n-Nonane</i>						
	102 %	61-141		03/16/26	03/16/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2611180
Chloride	ND	20.0	1	03/13/26	03/13/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/18/2026 12:27:55PM

BH04-4'

E603120-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2611174
Benzene	ND	0.0250	1	03/13/26	03/14/26	
Ethylbenzene	ND	0.0250	1	03/13/26	03/14/26	
Toluene	ND	0.0250	1	03/13/26	03/14/26	
o-Xylene	ND	0.0250	1	03/13/26	03/14/26	
p,m-Xylene	ND	0.0500	1	03/13/26	03/14/26	
Total Xylenes	ND	0.0250	1	03/13/26	03/14/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.7 %	70-130		03/13/26	03/14/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2611174
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/26	03/14/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.7 %	70-130		03/13/26	03/14/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2612003
Diesel Range Organics (C10-C28)	ND	25.0	1	03/16/26	03/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/16/26	03/16/26	
<i>Surrogate: n-Nonane</i>						
	95.0 %	61-141		03/16/26	03/16/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2611180
Chloride	38.7	20.0	1	03/13/26	03/14/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/18/2026 12:27:55PM

BH05-0.5'

E603120-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2611174
Benzene	ND	0.0250	1	03/13/26	03/14/26	
Ethylbenzene	ND	0.0250	1	03/13/26	03/14/26	
Toluene	ND	0.0250	1	03/13/26	03/14/26	
o-Xylene	ND	0.0250	1	03/13/26	03/14/26	
p,m-Xylene	ND	0.0500	1	03/13/26	03/14/26	
Total Xylenes	ND	0.0250	1	03/13/26	03/14/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.1 %	70-130		03/13/26	03/14/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2611174
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/26	03/14/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.4 %	70-130		03/13/26	03/14/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2612003
Diesel Range Organics (C10-C28)	ND	25.0	1	03/16/26	03/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/16/26	03/16/26	
<i>Surrogate: n-Nonane</i>						
	93.7 %	61-141		03/16/26	03/16/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2611180
Chloride	2280	40.0	2	03/13/26	03/14/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/18/2026 12:27:55PM

BH05-1'

E603120-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB		Batch: 2611174	
Benzene	ND	0.0250	1	03/13/26	03/14/26	
Ethylbenzene	ND	0.0250	1	03/13/26	03/14/26	
Toluene	ND	0.0250	1	03/13/26	03/14/26	
o-Xylene	ND	0.0250	1	03/13/26	03/14/26	
p,m-Xylene	ND	0.0500	1	03/13/26	03/14/26	
Total Xylenes	ND	0.0250	1	03/13/26	03/14/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	93.8 %	70-130		03/13/26	03/14/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB		Batch: 2611174	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/26	03/14/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	101 %	70-130		03/13/26	03/14/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2612003	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/16/26	03/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/16/26	03/16/26	
<i>Surrogate: n-Nonane</i>	95.7 %	61-141		03/16/26	03/16/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2611180	
Chloride	2330	40.0	2	03/13/26	03/14/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/18/2026 12:27:55PM

BH05-2'

E603120-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB		Batch: 2611174	
Benzene	ND	0.0250	1	03/13/26	03/14/26	
Ethylbenzene	ND	0.0250	1	03/13/26	03/14/26	
Toluene	ND	0.0250	1	03/13/26	03/14/26	
o-Xylene	ND	0.0250	1	03/13/26	03/14/26	
p,m-Xylene	ND	0.0500	1	03/13/26	03/14/26	
Total Xylenes	ND	0.0250	1	03/13/26	03/14/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	92.5 %	70-130		03/13/26	03/14/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB		Batch: 2611174	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/26	03/14/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	100 %	70-130		03/13/26	03/14/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2612003	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/16/26	03/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/16/26	03/16/26	
<i>Surrogate: n-Nonane</i>	101 %	61-141		03/16/26	03/16/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2611180	
Chloride	2540	20.0	1	03/13/26	03/14/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/18/2026 12:27:55PM

BH05-3'

E603120-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2611174
Benzene	ND	0.0250	1	03/13/26	03/14/26	
Ethylbenzene	ND	0.0250	1	03/13/26	03/14/26	
Toluene	ND	0.0250	1	03/13/26	03/14/26	
o-Xylene	ND	0.0250	1	03/13/26	03/14/26	
p,m-Xylene	ND	0.0500	1	03/13/26	03/14/26	
Total Xylenes	ND	0.0250	1	03/13/26	03/14/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.2 %	70-130		03/13/26	03/14/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2611174
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/26	03/14/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.5 %	70-130		03/13/26	03/14/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2612003
Diesel Range Organics (C10-C28)	ND	25.0	1	03/16/26	03/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/16/26	03/17/26	
<i>Surrogate: n-Nonane</i>						
	99.0 %	61-141		03/16/26	03/17/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2611180
Chloride	156	20.0	1	03/13/26	03/14/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/18/2026 12:27:55PM

BH05-4'

E603120-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2611174
Benzene	ND	0.0250	1	03/13/26	03/14/26	
Ethylbenzene	ND	0.0250	1	03/13/26	03/14/26	
Toluene	ND	0.0250	1	03/13/26	03/14/26	
o-Xylene	ND	0.0250	1	03/13/26	03/14/26	
p,m-Xylene	ND	0.0500	1	03/13/26	03/14/26	
Total Xylenes	ND	0.0250	1	03/13/26	03/14/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.5 %	70-130		03/13/26	03/14/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2611174
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/26	03/14/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.9 %	70-130		03/13/26	03/14/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2612003
Diesel Range Organics (C10-C28)	ND	25.0	1	03/16/26	03/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/16/26	03/17/26	
<i>Surrogate: n-Nonane</i>						
	99.2 %	61-141		03/16/26	03/17/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2611180
Chloride	36.0	20.0	1	03/13/26	03/14/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/18/2026 12:27:55PM

BH06-0.5'

E603120-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB		Batch: 2611174	
Benzene	ND	0.0250	1	03/13/26	03/15/26	
Ethylbenzene	ND	0.0250	1	03/13/26	03/15/26	
Toluene	ND	0.0250	1	03/13/26	03/15/26	
o-Xylene	ND	0.0250	1	03/13/26	03/15/26	
p,m-Xylene	ND	0.0500	1	03/13/26	03/15/26	
Total Xylenes	ND	0.0250	1	03/13/26	03/15/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.6 %	70-130		03/13/26	03/15/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB		Batch: 2611174	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/26	03/15/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	98.0 %	70-130		03/13/26	03/15/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2612003	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/16/26	03/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/16/26	03/17/26	
<i>Surrogate: n-Nonane</i>	97.1 %	61-141		03/16/26	03/17/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2611180	
Chloride	9270	200	10	03/13/26	03/14/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/18/2026 12:27:55PM

BH06-1'

E603120-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB		Batch: 2611174	
Benzene	ND	0.0250	1	03/13/26	03/15/26	
Ethylbenzene	ND	0.0250	1	03/13/26	03/15/26	
Toluene	ND	0.0250	1	03/13/26	03/15/26	
o-Xylene	ND	0.0250	1	03/13/26	03/15/26	
p,m-Xylene	ND	0.0500	1	03/13/26	03/15/26	
Total Xylenes	ND	0.0250	1	03/13/26	03/15/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.0 %	70-130		03/13/26	03/15/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB		Batch: 2611174	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/26	03/15/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	97.0 %	70-130		03/13/26	03/15/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2612003	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/16/26	03/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/16/26	03/17/26	
<i>Surrogate: n-Nonane</i>	98.4 %	61-141		03/16/26	03/17/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2611180	
Chloride	1310	40.0	2	03/13/26	03/14/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/18/2026 12:27:55PM

BH06-2'

E603120-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB		Batch: 2611174	
Benzene	ND	0.0250	1	03/13/26	03/15/26	
Ethylbenzene	ND	0.0250	1	03/13/26	03/15/26	
Toluene	ND	0.0250	1	03/13/26	03/15/26	
o-Xylene	ND	0.0250	1	03/13/26	03/15/26	
p,m-Xylene	ND	0.0500	1	03/13/26	03/15/26	
Total Xylenes	ND	0.0250	1	03/13/26	03/15/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.6 %	70-130	03/13/26	03/15/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB		Batch: 2611174	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/26	03/15/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		99.9 %	70-130	03/13/26	03/15/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2612003	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/16/26	03/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/16/26	03/17/26	
<i>Surrogate: n-Nonane</i>		96.0 %	61-141	03/16/26	03/17/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2611180	
Chloride	1460	20.0	1	03/13/26	03/14/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/18/2026 12:27:55PM

BH06-3'

E603120-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB		Batch: 2611174	
Benzene	ND	0.0250	1	03/13/26	03/15/26	
Ethylbenzene	ND	0.0250	1	03/13/26	03/15/26	
Toluene	ND	0.0250	1	03/13/26	03/15/26	
o-Xylene	ND	0.0250	1	03/13/26	03/15/26	
p,m-Xylene	ND	0.0500	1	03/13/26	03/15/26	
Total Xylenes	ND	0.0250	1	03/13/26	03/15/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.3 %	70-130	03/13/26	03/15/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB		Batch: 2611174	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/26	03/15/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		99.3 %	70-130	03/13/26	03/15/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2612003	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/16/26	03/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/16/26	03/17/26	
<i>Surrogate: n-Nonane</i>		97.1 %	61-141	03/16/26	03/17/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2611180	
Chloride	38.5	20.0	1	03/13/26	03/14/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/18/2026 12:27:55PM

BH06-4'

E603120-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB		Batch: 2611174	
Benzene	ND	0.0250	1	03/13/26	03/15/26	
Ethylbenzene	ND	0.0250	1	03/13/26	03/15/26	
Toluene	ND	0.0250	1	03/13/26	03/15/26	
o-Xylene	ND	0.0250	1	03/13/26	03/15/26	
p,m-Xylene	ND	0.0500	1	03/13/26	03/15/26	
Total Xylenes	ND	0.0250	1	03/13/26	03/15/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.3 %	70-130		03/13/26	03/15/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB		Batch: 2611174	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/26	03/15/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	99.7 %	70-130		03/13/26	03/15/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2612003	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/16/26	03/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/16/26	03/17/26	
<i>Surrogate: n-Nonane</i>	96.2 %	61-141		03/16/26	03/17/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2611180	
Chloride	77.6	20.0	1	03/13/26	03/14/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/18/2026 12:27:55PM

BH07-0'

E603120-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB		Batch: 2611174	
Benzene	ND	0.0250	1	03/13/26	03/15/26	
Ethylbenzene	ND	0.0250	1	03/13/26	03/15/26	
Toluene	ND	0.0250	1	03/13/26	03/15/26	
o-Xylene	ND	0.0250	1	03/13/26	03/15/26	
p,m-Xylene	ND	0.0500	1	03/13/26	03/15/26	
Total Xylenes	ND	0.0250	1	03/13/26	03/15/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	93.9 %	70-130		03/13/26	03/15/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB		Batch: 2611174	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/26	03/15/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	97.3 %	70-130		03/13/26	03/15/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2612003	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/16/26	03/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/16/26	03/17/26	
<i>Surrogate: n-Nonane</i>	98.1 %	61-141		03/16/26	03/17/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2611180	
Chloride	8800	200	10	03/13/26	03/14/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/18/2026 12:27:55PM

BH07-0.5'

E603120-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2611174
Benzene	ND	0.0250	1	03/13/26	03/15/26	
Ethylbenzene	ND	0.0250	1	03/13/26	03/15/26	
Toluene	ND	0.0250	1	03/13/26	03/15/26	
o-Xylene	ND	0.0250	1	03/13/26	03/15/26	
p,m-Xylene	ND	0.0500	1	03/13/26	03/15/26	
Total Xylenes	ND	0.0250	1	03/13/26	03/15/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.6 %	70-130		03/13/26	03/15/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2611174
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/26	03/15/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	101 %	70-130		03/13/26	03/15/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2612003
Diesel Range Organics (C10-C28)	ND	25.0	1	03/16/26	03/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/16/26	03/17/26	
<i>Surrogate: n-Nonane</i>						
	100 %	61-141		03/16/26	03/17/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2611180
Chloride	3730	40.0	2	03/13/26	03/14/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/18/2026 12:27:55PM

BH07-1'

E603120-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2611174
Benzene	ND	0.0250	1	03/13/26	03/15/26	
Ethylbenzene	ND	0.0250	1	03/13/26	03/15/26	
Toluene	ND	0.0250	1	03/13/26	03/15/26	
o-Xylene	ND	0.0250	1	03/13/26	03/15/26	
p,m-Xylene	ND	0.0500	1	03/13/26	03/15/26	
Total Xylenes	ND	0.0250	1	03/13/26	03/15/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.0 %	70-130		03/13/26	03/15/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2611174
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/26	03/15/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.9 %	70-130		03/13/26	03/15/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2612003
Diesel Range Organics (C10-C28)	ND	25.0	1	03/16/26	03/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/16/26	03/17/26	
<i>Surrogate: n-Nonane</i>						
	93.4 %	61-141		03/16/26	03/17/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2611180
Chloride	1000	20.0	1	03/13/26	03/14/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/18/2026 12:27:55PM

BH07-2'

E603120-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB		Batch: 2611174	
Benzene	ND	0.0250	1	03/13/26	03/15/26	
Ethylbenzene	ND	0.0250	1	03/13/26	03/15/26	
Toluene	ND	0.0250	1	03/13/26	03/15/26	
o-Xylene	ND	0.0250	1	03/13/26	03/15/26	
p,m-Xylene	ND	0.0500	1	03/13/26	03/15/26	
Total Xylenes	ND	0.0250	1	03/13/26	03/15/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.4 %	70-130		03/13/26	03/15/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB		Batch: 2611174	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/26	03/15/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	99.8 %	70-130		03/13/26	03/15/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2612003	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/16/26	03/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/16/26	03/17/26	
<i>Surrogate: n-Nonane</i>	95.7 %	61-141		03/16/26	03/17/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2611180	
Chloride	1390	20.0	1	03/13/26	03/14/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/18/2026 12:27:55PM

BH07-3'

E603120-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB		Batch: 2611174	
Benzene	ND	0.0250	1	03/13/26	03/15/26	
Ethylbenzene	ND	0.0250	1	03/13/26	03/15/26	
Toluene	ND	0.0250	1	03/13/26	03/15/26	
o-Xylene	ND	0.0250	1	03/13/26	03/15/26	
p,m-Xylene	ND	0.0500	1	03/13/26	03/15/26	
Total Xylenes	ND	0.0250	1	03/13/26	03/15/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.4 %	70-130	03/13/26	03/15/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB		Batch: 2611174	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/26	03/15/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.5 %	70-130	03/13/26	03/15/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2612003	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/16/26	03/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/16/26	03/17/26	
<i>Surrogate: n-Nonane</i>		93.3 %	61-141	03/16/26	03/17/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2611180	
Chloride	310	20.0	1	03/13/26	03/14/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/18/2026 12:27:55PM

BH07-4'

E603120-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2612011	
Benzene	ND	0.0250	1	03/16/26	03/16/26	
Ethylbenzene	ND	0.0250	1	03/16/26	03/16/26	
Toluene	ND	0.0250	1	03/16/26	03/16/26	
o-Xylene	ND	0.0250	1	03/16/26	03/16/26	
p,m-Xylene	ND	0.0500	1	03/16/26	03/16/26	
Total Xylenes	ND	0.0250	1	03/16/26	03/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	03/16/26	03/16/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2612011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/16/26	03/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		101 %	70-130	03/16/26	03/16/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2612012	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/16/26	03/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/16/26	03/16/26	
<i>Surrogate: n-Nonane</i>						
		113 %	61-141	03/16/26	03/16/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2612018	
Chloride	ND	20.0	1	03/16/26	03/16/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/18/2026 12:27:55PM

BH08-0'

E603120-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2612011	
Benzene	ND	0.0250	1	03/16/26	03/16/26	
Ethylbenzene	ND	0.0250	1	03/16/26	03/16/26	
Toluene	ND	0.0250	1	03/16/26	03/16/26	
o-Xylene	ND	0.0250	1	03/16/26	03/16/26	
p,m-Xylene	ND	0.0500	1	03/16/26	03/16/26	
Total Xylenes	ND	0.0250	1	03/16/26	03/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	03/16/26	03/16/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2612011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/16/26	03/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.7 %	70-130	03/16/26	03/16/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2612012	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/16/26	03/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/16/26	03/16/26	
<i>Surrogate: n-Nonane</i>						
		112 %	61-141	03/16/26	03/16/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2612018	
Chloride	11000	200	10	03/16/26	03/16/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/18/2026 12:27:55PM

BH08-0.5'

E603120-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2612011	
Benzene	ND	0.0250	1	03/16/26	03/16/26	
Ethylbenzene	ND	0.0250	1	03/16/26	03/16/26	
Toluene	ND	0.0250	1	03/16/26	03/16/26	
o-Xylene	ND	0.0250	1	03/16/26	03/16/26	
p,m-Xylene	ND	0.0500	1	03/16/26	03/16/26	
Total Xylenes	ND	0.0250	1	03/16/26	03/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		106 %	70-130	03/16/26	03/16/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2612011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/16/26	03/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.9 %	70-130	03/16/26	03/16/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2612012	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/16/26	03/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/16/26	03/16/26	
<i>Surrogate: n-Nonane</i>						
		117 %	61-141	03/16/26	03/16/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2612018	
Chloride	877	20.0	1	03/16/26	03/16/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/18/2026 12:27:55PM

BH08-1'

E603120-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2612011	
Benzene	ND	0.0250	1	03/16/26	03/16/26	
Ethylbenzene	ND	0.0250	1	03/16/26	03/16/26	
Toluene	ND	0.0250	1	03/16/26	03/16/26	
o-Xylene	ND	0.0250	1	03/16/26	03/16/26	
p,m-Xylene	ND	0.0500	1	03/16/26	03/16/26	
Total Xylenes	ND	0.0250	1	03/16/26	03/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	03/16/26	03/16/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2612011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/16/26	03/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		101 %	70-130	03/16/26	03/16/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2612012	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/16/26	03/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/16/26	03/16/26	
<i>Surrogate: n-Nonane</i>						
		114 %	61-141	03/16/26	03/16/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2612018	
Chloride	175	20.0	1	03/16/26	03/16/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/18/2026 12:27:55PM

BH08-2'

E603120-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2612011	
Benzene	ND	0.0250	1	03/16/26	03/17/26	
Ethylbenzene	ND	0.0250	1	03/16/26	03/17/26	
Toluene	ND	0.0250	1	03/16/26	03/17/26	
o-Xylene	ND	0.0250	1	03/16/26	03/17/26	
p,m-Xylene	ND	0.0500	1	03/16/26	03/17/26	
Total Xylenes	ND	0.0250	1	03/16/26	03/17/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	03/16/26	03/17/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2612011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/16/26	03/17/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.8 %	70-130	03/16/26	03/17/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2612012	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/16/26	03/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/16/26	03/16/26	
<i>Surrogate: n-Nonane</i>						
		111 %	61-141	03/16/26	03/16/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2612018	
Chloride	ND	20.0	1	03/16/26	03/16/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/18/2026 12:27:55PM

BH08-3'

E603120-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2612011	
Benzene	ND	0.0250	1	03/16/26	03/17/26	
Ethylbenzene	ND	0.0250	1	03/16/26	03/17/26	
Toluene	ND	0.0250	1	03/16/26	03/17/26	
o-Xylene	ND	0.0250	1	03/16/26	03/17/26	
p,m-Xylene	ND	0.0500	1	03/16/26	03/17/26	
Total Xylenes	ND	0.0250	1	03/16/26	03/17/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		107 %	70-130	03/16/26	03/17/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2612011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/16/26	03/17/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.2 %	70-130	03/16/26	03/17/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2612012	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/16/26	03/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/16/26	03/16/26	
<i>Surrogate: n-Nonane</i>						
		111 %	61-141	03/16/26	03/16/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2612018	
Chloride	35.2	20.0	1	03/16/26	03/16/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/18/2026 12:27:55PM

BH08-4'

E603120-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2612011	
Benzene	ND	0.0250	1	03/16/26	03/17/26	
Ethylbenzene	ND	0.0250	1	03/16/26	03/17/26	
Toluene	ND	0.0250	1	03/16/26	03/17/26	
o-Xylene	ND	0.0250	1	03/16/26	03/17/26	
p,m-Xylene	ND	0.0500	1	03/16/26	03/17/26	
Total Xylenes	ND	0.0250	1	03/16/26	03/17/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		107 %	70-130	03/16/26	03/17/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2612011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/16/26	03/17/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.7 %	70-130	03/16/26	03/17/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2612012	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/16/26	03/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/16/26	03/16/26	
<i>Surrogate: n-Nonane</i>						
		112 %	61-141	03/16/26	03/16/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2612018	
Chloride	20.8	20.0	1	03/16/26	03/16/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/18/2026 12:27:55PM

BH09-0.5'

E603120-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2612011	
Benzene	ND	0.0250	1	03/16/26	03/17/26	
Ethylbenzene	ND	0.0250	1	03/16/26	03/17/26	
Toluene	ND	0.0250	1	03/16/26	03/17/26	
o-Xylene	ND	0.0250	1	03/16/26	03/17/26	
p,m-Xylene	ND	0.0500	1	03/16/26	03/17/26	
Total Xylenes	ND	0.0250	1	03/16/26	03/17/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		107 %	70-130	03/16/26	03/17/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2612011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/16/26	03/17/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.7 %	70-130	03/16/26	03/17/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2612012	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/16/26	03/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/16/26	03/16/26	
<i>Surrogate: n-Nonane</i>						
		116 %	61-141	03/16/26	03/16/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2612018	
Chloride	5330	100	5	03/16/26	03/16/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/18/2026 12:27:55PM

BH09-1'

E603120-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2612011	
Benzene	ND	0.0250	1	03/16/26	03/17/26	
Ethylbenzene	ND	0.0250	1	03/16/26	03/17/26	
Toluene	ND	0.0250	1	03/16/26	03/17/26	
o-Xylene	ND	0.0250	1	03/16/26	03/17/26	
p,m-Xylene	ND	0.0500	1	03/16/26	03/17/26	
Total Xylenes	ND	0.0250	1	03/16/26	03/17/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		107 %	70-130	03/16/26	03/17/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2612011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/16/26	03/17/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.5 %	70-130	03/16/26	03/17/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2612012	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/16/26	03/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/16/26	03/17/26	
<i>Surrogate: n-Nonane</i>						
		111 %	61-141	03/16/26	03/17/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2612018	
Chloride	4040	100	5	03/16/26	03/16/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/18/2026 12:27:55PM

BH09-2'

E603120-30

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2612011
Benzene	ND	0.0250	1	03/16/26	03/17/26	
Ethylbenzene	ND	0.0250	1	03/16/26	03/17/26	
Toluene	ND	0.0250	1	03/16/26	03/17/26	
o-Xylene	ND	0.0250	1	03/16/26	03/17/26	
p,m-Xylene	ND	0.0500	1	03/16/26	03/17/26	
Total Xylenes	ND	0.0250	1	03/16/26	03/17/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		106 %	70-130	03/16/26	03/17/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2612011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/16/26	03/17/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.6 %	70-130	03/16/26	03/17/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2612012
Diesel Range Organics (C10-C28)	ND	25.0	1	03/16/26	03/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/16/26	03/17/26	
<i>Surrogate: n-Nonane</i>						
		115 %	61-141	03/16/26	03/17/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2612018
Chloride	4540	100	5	03/16/26	03/16/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/18/2026 12:27:55PM

BH09-3'

E603120-31

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2612011
Benzene	ND	0.0250	1	03/16/26	03/16/26	
Ethylbenzene	ND	0.0250	1	03/16/26	03/16/26	
Toluene	ND	0.0250	1	03/16/26	03/16/26	
o-Xylene	ND	0.0250	1	03/16/26	03/16/26	
p,m-Xylene	ND	0.0500	1	03/16/26	03/16/26	
Total Xylenes	ND	0.0250	1	03/16/26	03/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	03/16/26	03/16/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2612011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/16/26	03/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		101 %	70-130	03/16/26	03/16/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2612012
Diesel Range Organics (C10-C28)	ND	25.0	1	03/16/26	03/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/16/26	03/17/26	
<i>Surrogate: n-Nonane</i>						
		116 %	61-141	03/16/26	03/17/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2612018
Chloride	4050	100	5	03/16/26	03/16/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/18/2026 12:27:55PM

BH09-4'

E603120-32

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2612011	
Benzene	ND	0.0250	1	03/16/26	03/17/26	
Ethylbenzene	ND	0.0250	1	03/16/26	03/17/26	
Toluene	ND	0.0250	1	03/16/26	03/17/26	
o-Xylene	ND	0.0250	1	03/16/26	03/17/26	
p,m-Xylene	ND	0.0500	1	03/16/26	03/17/26	
Total Xylenes	ND	0.0250	1	03/16/26	03/17/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		106 %	70-130	03/16/26	03/17/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2612011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/16/26	03/17/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.3 %	70-130	03/16/26	03/17/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2612012	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/16/26	03/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/16/26	03/17/26	
<i>Surrogate: n-Nonane</i>						
		110 %	61-141	03/16/26	03/17/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2612018	
Chloride	4020	40.0	2	03/16/26	03/16/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/18/2026 12:27:55PM

BH09-5'

E603120-33

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2612011	
Benzene	ND	0.0250	1	03/16/26	03/17/26	
Ethylbenzene	ND	0.0250	1	03/16/26	03/17/26	
Toluene	ND	0.0250	1	03/16/26	03/17/26	
o-Xylene	ND	0.0250	1	03/16/26	03/17/26	
p,m-Xylene	ND	0.0500	1	03/16/26	03/17/26	
Total Xylenes	ND	0.0250	1	03/16/26	03/17/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		106 %	70-130	03/16/26	03/17/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2612011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/16/26	03/17/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.5 %	70-130	03/16/26	03/17/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2612012	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/16/26	03/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/16/26	03/17/26	
<i>Surrogate: n-Nonane</i>						
		112 %	61-141	03/16/26	03/17/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2612018	
Chloride	2230	20.0	1	03/16/26	03/16/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/18/2026 12:27:55PM

BH09-6'

E603120-34

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2612011	
Benzene	ND	0.0250	1	03/16/26	03/17/26	
Ethylbenzene	ND	0.0250	1	03/16/26	03/17/26	
Toluene	ND	0.0250	1	03/16/26	03/17/26	
o-Xylene	ND	0.0250	1	03/16/26	03/17/26	
p,m-Xylene	ND	0.0500	1	03/16/26	03/17/26	
Total Xylenes	ND	0.0250	1	03/16/26	03/17/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		107 %	70-130	03/16/26	03/17/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2612011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/16/26	03/17/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		99.7 %	70-130	03/16/26	03/17/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2612012	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/16/26	03/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/16/26	03/17/26	
<i>Surrogate: n-Nonane</i>		110 %	61-141	03/16/26	03/17/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2612018	
Chloride	2390	40.0	2	03/16/26	03/16/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/18/2026 12:27:55PM

BH09-7'

E603120-35

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2612011	
Benzene	ND	0.0250	1	03/16/26	03/17/26	
Ethylbenzene	ND	0.0250	1	03/16/26	03/17/26	
Toluene	ND	0.0250	1	03/16/26	03/17/26	
o-Xylene	ND	0.0250	1	03/16/26	03/17/26	
p,m-Xylene	ND	0.0500	1	03/16/26	03/17/26	
Total Xylenes	ND	0.0250	1	03/16/26	03/17/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	03/16/26	03/17/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2612011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/16/26	03/17/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.4 %	70-130	03/16/26	03/17/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2612012	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/16/26	03/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/16/26	03/17/26	
<i>Surrogate: n-Nonane</i>						
		120 %	61-141	03/16/26	03/17/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2612018	
Chloride	2100	20.0	1	03/16/26	03/16/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/18/2026 12:27:55PM

BH09-8'

E603120-36

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2612011	
Benzene	ND	0.0250	1	03/16/26	03/17/26	
Ethylbenzene	ND	0.0250	1	03/16/26	03/17/26	
Toluene	ND	0.0250	1	03/16/26	03/17/26	
o-Xylene	ND	0.0250	1	03/16/26	03/17/26	
p,m-Xylene	ND	0.0500	1	03/16/26	03/17/26	
Total Xylenes	ND	0.0250	1	03/16/26	03/17/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		106 %	70-130	03/16/26	03/17/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2612011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/16/26	03/17/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		101 %	70-130	03/16/26	03/17/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2612012	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/16/26	03/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/16/26	03/17/26	
<i>Surrogate: n-Nonane</i>						
		112 %	61-141	03/16/26	03/17/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2612018	
Chloride	301	20.0	1	03/16/26	03/16/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/18/2026 12:27:55PM

BH10-0.5'

E603120-37

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2612011	
Benzene	ND	0.0250	1	03/16/26	03/17/26	
Ethylbenzene	ND	0.0250	1	03/16/26	03/17/26	
Toluene	ND	0.0250	1	03/16/26	03/17/26	
o-Xylene	ND	0.0250	1	03/16/26	03/17/26	
p,m-Xylene	ND	0.0500	1	03/16/26	03/17/26	
Total Xylenes	ND	0.0250	1	03/16/26	03/17/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		107 %	70-130	03/16/26	03/17/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2612011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/16/26	03/17/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.8 %	70-130	03/16/26	03/17/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2612012	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/16/26	03/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/16/26	03/17/26	
<i>Surrogate: n-Nonane</i>						
		109 %	61-141	03/16/26	03/17/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2612018	
Chloride	451	20.0	1	03/16/26	03/16/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/18/2026 12:27:55PM

BH10-1'

E603120-38

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2612011	
Benzene	ND	0.0250	1	03/16/26	03/17/26	
Ethylbenzene	ND	0.0250	1	03/16/26	03/17/26	
Toluene	ND	0.0250	1	03/16/26	03/17/26	
o-Xylene	ND	0.0250	1	03/16/26	03/17/26	
p,m-Xylene	ND	0.0500	1	03/16/26	03/17/26	
Total Xylenes	ND	0.0250	1	03/16/26	03/17/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		107 %	70-130	03/16/26	03/17/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2612011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/16/26	03/17/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.6 %	70-130	03/16/26	03/17/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2612012	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/16/26	03/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/16/26	03/17/26	
<i>Surrogate: n-Nonane</i>						
		112 %	61-141	03/16/26	03/17/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2612018	
Chloride	40.9	20.0	1	03/16/26	03/16/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/18/2026 12:27:55PM

BH10-2'

E603120-39

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2612011	
Benzene	ND	0.0250	1	03/16/26	03/17/26	
Ethylbenzene	ND	0.0250	1	03/16/26	03/17/26	
Toluene	ND	0.0250	1	03/16/26	03/17/26	
o-Xylene	ND	0.0250	1	03/16/26	03/17/26	
p,m-Xylene	ND	0.0500	1	03/16/26	03/17/26	
Total Xylenes	ND	0.0250	1	03/16/26	03/17/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	03/16/26	03/17/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2612011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/16/26	03/17/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.1 %	70-130	03/16/26	03/17/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2612012	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/16/26	03/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/16/26	03/17/26	
<i>Surrogate: n-Nonane</i>						
		111 %	61-141	03/16/26	03/17/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2612018	
Chloride	ND	20.0	1	03/16/26	03/16/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/18/2026 12:27:55PM

BH10-3'

E603120-40

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2612011
Benzene	ND	0.0250	1	03/16/26	03/17/26	
Ethylbenzene	ND	0.0250	1	03/16/26	03/17/26	
Toluene	ND	0.0250	1	03/16/26	03/17/26	
o-Xylene	ND	0.0250	1	03/16/26	03/17/26	
p,m-Xylene	ND	0.0500	1	03/16/26	03/17/26	
Total Xylenes	ND	0.0250	1	03/16/26	03/17/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	03/16/26	03/17/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2612011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/16/26	03/17/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.0 %	70-130	03/16/26	03/17/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2612012
Diesel Range Organics (C10-C28)	ND	25.0	1	03/16/26	03/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/16/26	03/17/26	
<i>Surrogate: n-Nonane</i>						
		111 %	61-141	03/16/26	03/17/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2612018
Chloride	57.6	20.0	1	03/16/26	03/17/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/18/2026 12:27:55PM

BH10-4'

E603120-41

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2611186
Benzene	ND	0.0250	1	03/13/26	03/15/26	
Ethylbenzene	ND	0.0250	1	03/13/26	03/15/26	
Toluene	ND	0.0250	1	03/13/26	03/15/26	
o-Xylene	ND	0.0250	1	03/13/26	03/15/26	
p,m-Xylene	ND	0.0500	1	03/13/26	03/15/26	
Total Xylenes	ND	0.0250	1	03/13/26	03/15/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.8 %	70-130		03/13/26	03/15/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2611186
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/26	03/15/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.6 %	70-130		03/13/26	03/15/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: CJB		Batch: 2612040
Diesel Range Organics (C10-C28)	ND	25.0	1	03/17/26	03/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/17/26	03/17/26	
<i>Surrogate: n-Nonane</i>						
	96.3 %	61-141		03/17/26	03/17/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2612004
Chloride	ND	20.0	1	03/16/26	03/16/26	



QC Summary Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/18/2026 12:27:55PM

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 (2611174-BLK1)

Prepared: 03/13/26 Analyzed: 03/14/26

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		95.0	70-130			

LCS (2611174-BS1)

Prepared: 03/13/26 Analyzed: 03/14/26

Benzene	5.25	0.0250	5.00		105	70-130			
Ethylbenzene	4.85	0.0250	5.00		97.0	70-130			
Toluene	5.08	0.0250	5.00		102	70-130			
o-Xylene	4.96	0.0250	5.00		99.1	70-130			
p,m-Xylene	9.89	0.0500	10.0		98.9	70-130			
Total Xylenes	14.8	0.0250	15.0		99.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.46		8.00		93.2	70-130			

Matrix Spike (2611174-MS1)

Source: E603120-08

Prepared: 03/13/26 Analyzed: 03/14/26

Benzene	5.23	0.0250	5.00	ND	105	70-130			
Ethylbenzene	4.85	0.0250	5.00	ND	97.1	70-130			
Toluene	5.08	0.0250	5.00	ND	102	70-130			
o-Xylene	4.97	0.0250	5.00	ND	99.3	70-130			
p,m-Xylene	9.89	0.0500	10.0	ND	98.9	70-130			
Total Xylenes	14.9	0.0250	15.0	ND	99.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.69		8.00		96.1	70-130			

Matrix Spike Dup (2611174-MSD1)

Source: E603120-08

Prepared: 03/13/26 Analyzed: 03/14/26

Benzene	5.21	0.0250	5.00	ND	104	70-130	0.379	27	
Ethylbenzene	4.85	0.0250	5.00	ND	97.1	70-130	0.00824	26	
Toluene	5.06	0.0250	5.00	ND	101	70-130	0.459	20	
o-Xylene	4.94	0.0250	5.00	ND	98.8	70-130	0.532	25	
p,m-Xylene	9.89	0.0500	10.0	ND	98.9	70-130	0.0601	23	
Total Xylenes	14.8	0.0250	15.0	ND	98.9	70-130	0.137	26	
Surrogate: 4-Bromochlorobenzene-PID	7.41		8.00		92.6	70-130			



QC Summary Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/18/2026 12:27:55PM

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 (2611186-BLK1)

Prepared: 03/13/26 Analyzed: 03/15/26

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	7.51		8.00		93.8	70-130			

LCS (2611186-BS1)

Prepared: 03/13/26 Analyzed: 03/15/26

Benzene	4.44	0.0250	5.00		88.7	70-130			
Ethylbenzene	4.15	0.0250	5.00		82.9	70-130			
Toluene	4.31	0.0250	5.00		86.2	70-130			
o-Xylene	4.25	0.0250	5.00		84.9	70-130			
p,m-Xylene	8.50	0.0500	10.0		85.0	70-130			
Total Xylenes	12.8	0.0250	15.0		85.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.37		8.00		92.2	70-130			

Matrix Spike (2611186-MS1)

Source: E603134-05

Prepared: 03/13/26 Analyzed: 03/17/26

Benzene	21.3	0.125	25.0	0.145	84.7	70-130			
Ethylbenzene	29.2	0.125	25.0	9.62	78.1	70-130			
Toluene	27.9	0.125	25.0	7.97	79.8	70-130			
o-Xylene	26.3	0.125	25.0	5.84	81.7	70-130			
p,m-Xylene	53.0	0.250	50.0	13.0	80.0	70-130			
Total Xylenes	79.2	0.125	75.0	18.8	80.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	38.6		40.0		96.5	70-130			

Matrix Spike Dup (2611186-MSD1)

Source: E603134-05

Prepared: 03/13/26 Analyzed: 03/17/26

Benzene	22.3	0.125	25.0	0.145	88.6	70-130	4.51	27	
Ethylbenzene	29.9	0.125	25.0	9.62	81.3	70-130	2.67	26	
Toluene	28.9	0.125	25.0	7.97	83.7	70-130	3.44	20	
o-Xylene	27.3	0.125	25.0	5.84	85.9	70-130	3.92	25	
p,m-Xylene	54.7	0.250	50.0	13.0	83.3	70-130	3.14	23	
Total Xylenes	82.0	0.125	75.0	18.8	84.2	70-130	3.40	26	
Surrogate: 4-Bromochlorobenzene-PID	38.9		40.0		97.3	70-130			



QC Summary Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/18/2026 12:27:55PM

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 (2612011-BLK1)

Prepared: 03/16/26 Analyzed: 03/16/26

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	8.29		8.00		104	70-130			

LCS (2612011-BS1)

Prepared: 03/16/26 Analyzed: 03/17/26

Benzene	4.49	0.0250	5.00		89.8	70-130			
Ethylbenzene	4.37	0.0250	5.00		87.4	70-130			
Toluene	4.46	0.0250	5.00		89.2	70-130			
o-Xylene	4.49	0.0250	5.00		89.7	70-130			
p,m-Xylene	8.92	0.0500	10.0		89.2	70-130			
Total Xylenes	13.4	0.0250	15.0		89.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.55		8.00		107	70-130			

Matrix Spike (2612011-MS1)

Source: E603120-31

Prepared: 03/16/26 Analyzed: 03/16/26

Benzene	4.39	0.0250	5.00	ND	87.8	70-130			
Ethylbenzene	4.16	0.0250	5.00	ND	83.2	70-130			
Toluene	4.30	0.0250	5.00	ND	86.0	70-130			
o-Xylene	4.25	0.0250	5.00	ND	85.1	70-130			
p,m-Xylene	8.50	0.0500	10.0	ND	85.0	70-130			
Total Xylenes	12.8	0.0250	15.0	ND	85.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.27		8.00		103	70-130			

Matrix Spike Dup (2612011-MSD1)

Source: E603120-31

Prepared: 03/16/26 Analyzed: 03/16/26

Benzene	4.56	0.0250	5.00	ND	91.2	70-130	3.87	27	
Ethylbenzene	4.34	0.0250	5.00	ND	86.8	70-130	4.25	26	
Toluene	4.47	0.0250	5.00	ND	89.4	70-130	3.92	20	
o-Xylene	4.44	0.0250	5.00	ND	88.8	70-130	4.27	25	
p,m-Xylene	8.86	0.0500	10.0	ND	88.6	70-130	4.12	23	
Total Xylenes	13.3	0.0250	15.0	ND	88.6	70-130	4.17	26	
Surrogate: 4-Bromochlorobenzene-PID	8.30		8.00		104	70-130			



QC Summary Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/18/2026 12:27:55PM

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 (2611174-BLK1) Prepared: 03/13/26 Analyzed: 03/14/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.94		8.00		99.2	70-130			

LCS (2611174-BS2) Prepared: 03/13/26 Analyzed: 03/14/26

Gasoline Range Organics (C6-C10)	54.7	20.0	50.0		109	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.87		8.00		98.4	70-130			

Matrix Spike (2611174-MS2) Source: E603120-08 Prepared: 03/13/26 Analyzed: 03/14/26

Gasoline Range Organics (C6-C10)	50.3	20.0	50.0	ND	101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.58		8.00		94.8	70-130			

Matrix Spike Dup (2611174-MSD2) Source: E603120-08 Prepared: 03/13/26 Analyzed: 03/14/26

Gasoline Range Organics (C6-C10)	50.6	20.0	50.0	ND	101	70-130	0.547	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.00		8.00		100	70-130			



QC Summary Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/18/2026 12:27:55PM

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 (2611186-BLK1) Prepared: 03/13/26 Analyzed: 03/15/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.87		8.00		98.4	70-130			

LCS (2611186-BS2) Prepared: 03/13/26 Analyzed: 03/17/26

Gasoline Range Organics (C6-C10)	41.7	20.0	50.0		83.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.01		8.00		100	70-130			

Matrix Spike (2611186-MS2) Source: E603134-05 Prepared: 03/13/26 Analyzed: 03/17/26

Gasoline Range Organics (C6-C10)	406	100	250	189	86.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	41.1		40.0		103	70-130			

Matrix Spike Dup (2611186-MSD2) Source: E603134-05 Prepared: 03/13/26 Analyzed: 03/17/26

Gasoline Range Organics (C6-C10)	408	100	250	189	87.4	70-130	0.571	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	39.9		40.0		99.7	70-130			



QC Summary Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/18/2026 12:27:55PM

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 (2612011-BLK1) Prepared: 03/16/26 Analyzed: 03/16/26

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

LCS (2612011-BS2) Prepared: 03/16/26 Analyzed: 03/16/26

Gasoline Range Organics (C6-C10)	41.1	20.0	50.0		82.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.14		8.00		102	70-130			

Matrix Spike (2612011-MS2) Source: E603120-31 Prepared: 03/16/26 Analyzed: 03/16/26

Gasoline Range Organics (C6-C10)	53.2	20.0	50.0	ND	106	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.16		8.00		102	70-130			

Matrix Spike Dup (2612011-MSD2) Source: E603120-31 Prepared: 03/16/26 Analyzed: 03/16/26

Gasoline Range Organics (C6-C10)	49.8	20.0	50.0	ND	99.6	70-130	6.59	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.05		8.00		101	70-130			



QC Summary Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/18/2026 12:27:55PM

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 (2612003-BLK1) Prepared: 03/16/26 Analyzed: 03/16/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.4		50.0		96.9	61-141			

LCS (2612003-BS1) Prepared: 03/16/26 Analyzed: 03/16/26

Diesel Range Organics (C10-C28)	243	25.0	250		97.4	66-144			
Surrogate: n-Nonane	46.7		50.0		93.3	61-141			

Matrix Spike (2612003-MS1) Source: E603120-13 Prepared: 03/16/26 Analyzed: 03/16/26

Diesel Range Organics (C10-C28)	241	25.0	250	ND	96.3	56-156			
Surrogate: n-Nonane	46.8		50.0		93.7	61-141			

Matrix Spike Dup (2612003-MSD1) Source: E603120-13 Prepared: 03/16/26 Analyzed: 03/16/26

Diesel Range Organics (C10-C28)	245	25.0	250	ND	98.1	56-156	1.82	20	
Surrogate: n-Nonane	47.4		50.0		94.8	61-141			



QC Summary Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/18/2026 12:27:55PM

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 (2612012-BLK1)					Prepared: 03/16/26 Analyzed: 03/16/26				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.3		50.0		115	61-141			

LCS (2612012-BS1)					Prepared: 03/16/26 Analyzed: 03/16/26				
Diesel Range Organics (C10-C28)	254	25.0	250		102	66-144			
Surrogate: n-Nonane	53.8		50.0		108	61-141			

Matrix Spike (2612012-MS1)					Source: E603120-24		Prepared: 03/16/26 Analyzed: 03/16/26		
Diesel Range Organics (C10-C28)	266	25.0	250	ND	106	56-156			
Surrogate: n-Nonane	56.9		50.0		114	61-141			

Matrix Spike Dup (2612012-MSD1)					Source: E603120-24		Prepared: 03/16/26 Analyzed: 03/16/26		
Diesel Range Organics (C10-C28)	254	25.0	250	ND	102	56-156	4.58	20	
Surrogate: n-Nonane	54.6		50.0		109	61-141			



QC Summary Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/18/2026 12:27:55PM

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 (2612040-BLK1)					Prepared: 03/17/26 Analyzed: 03/17/26				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	44.1		50.0		88.3	61-141			

LCS (2612040-BS1)					Prepared: 03/17/26 Analyzed: 03/17/26				
Diesel Range Organics (C10-C28)	243	25.0	250		97.2	66-144			
Surrogate: n-Nonane	45.5		50.0		91.0	61-141			

Matrix Spike (2612040-MS1)					Source: E603122-05		Prepared: 03/17/26 Analyzed: 03/17/26		
Diesel Range Organics (C10-C28)	270	25.0	250	ND	108	56-156			
Surrogate: n-Nonane	47.4		50.0		94.9	61-141			

Matrix Spike Dup (2612040-MSD1)					Source: E603122-05		Prepared: 03/17/26 Analyzed: 03/17/26		
Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	56-156	3.07	20	
Surrogate: n-Nonane	48.5		50.0		97.0	61-141			



QC Summary Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/18/2026 12:27:55PM

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 (2611180-BLK1)					Prepared: 03/13/26 Analyzed: 03/13/26				
Chloride	ND	20.0							
LCS (2611180-BS1)					Prepared: 03/13/26 Analyzed: 03/13/26				
Chloride	260	20.0	250		104	90-110			
Matrix Spike (2611180-MS1)					Source: E603120-04		Prepared: 03/13/26 Analyzed: 03/13/26		
Chloride	268	20.0	250	ND	107	80-120			
Matrix Spike Dup (2611180-MSD1)					Source: E603120-04		Prepared: 03/13/26 Analyzed: 03/13/26		
Chloride	279	20.0	250	ND	112	80-120	4.10	20	



QC Summary Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/18/2026 12:27:55PM

Anions by EPA 300.0/9056A

Analyst: TP

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

Blank (2612004-BLK1)					Prepared: 03/16/26 Analyzed: 03/16/26				
Chloride	ND	20.0							
LCS (2612004-BS1)					Prepared: 03/16/26 Analyzed: 03/16/26				
Chloride	262	20.0	250		105	90-110			
Matrix Spike (2612004-MS1)					Source: E603153-02		Prepared: 03/16/26 Analyzed: 03/16/26		
Chloride	337	20.0	250	54.0	113	80-120			
Matrix Spike Dup (2612004-MSD1)					Source: E603153-02		Prepared: 03/16/26 Analyzed: 03/16/26		
Chloride	322	20.0	250	54.0	107	80-120	4.65	20	



QC Summary Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/18/2026 12:27:55PM

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 (2612018-BLK1)					Prepared: 03/16/26 Analyzed: 03/16/26				
Chloride	ND	20.0							
LCS (2612018-BS1)					Prepared: 03/16/26 Analyzed: 03/16/26				
Chloride	258	20.0	250		103	90-110			
Matrix Spike (2612018-MS1)					Source: E603120-30		Prepared: 03/16/26 Analyzed: 03/16/26		
Chloride	4540	100	250	4540	1.00	80-120			M4
Matrix Spike Dup (2612018-MSD1)					Source: E603120-30		Prepared: 03/16/26 Analyzed: 03/16/26		
Chloride	4470	100	250	4540	NR	80-120	1.69	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:	Biggers Federal East TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	03/18/26 12:27

- 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.
- 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: Biggers Federal East TB				Address: 3122 National Parks Hwy				E003120		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		
																	Compliance	Y	or	N	
																	PWSID #				
																	Sample Temp			Remarks	
1022	3/10/2026	S	1	BH04-0.5'			1								X		3.2				
1024	3/10/2026	S	1	BH04-1'			2								X		3.0				
1026	3/10/2026	S	1	BH04-2'			3								X		2.8				
1030	3/10/2026	S	1	BH04-3'			4								X		3.6				
1035	3/10/2026	S	1	BH04-4'			5								X		2.4				
1042	3/10/2026	S	1	BH05-0.5'			6								X		2.6				
1044	3/10/2026	S	1	BH05-1'			7								X		2.4				
1046	3/10/2026	S	1	BH05-2'			8								X		3.2				
1048	3/10/2026	S	1	BH05-3'			9								X		3.5				
1050	3/10/2026	S	1	BH05-4'			10								X		3.6				
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, Kelsie Smith																					
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.			
Michelle Gonzales		3-11-26		730		Michelle Gonzales		3-11-26		0730		Marissa Gonzales		3-11-26		1515					
Marissa Gonzales		3-11-26		1910		Johnny Archuleta		3-11-26		1910		Johnny Archuleta		3-11-26		1910					
Johnny Archuleta		3-11-26		2230		Cathy Mann		3-12-26		800		Cathy Mann		3-12-26		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.																					

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: Biggers Federal East TB				Address: 3122 National Parks Hwy		E1603/20	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		
																	Compliance	Y	or	N
																	PWSID #			
																	Sample Temp			Remarks
1056	3/10/2026	S	1	BH06-0.5'		11								X			2.9			
1057	3/10/2026	S	1	BH06-1'		12								X			2.6			
1059	3/10/2026	S	1	BH06-2'		13								X			3.4			
1101	3/10/2026	S	1	BH06-3'		14								X			3.0			
1103	3/10/2026	S	1	BH06-4'		15								X			3.2			
1116	3/10/2026	S	1	BH07-0'		16								X			3.6			
1119	3/10/2026	S	1	BH07-0.5'		17								X			2.4			
1118	3/10/2026	S	1	BH07-1'		18								X			2.2			
1121	3/10/2026	S	1	BH07-2'		19								X			2.9			
1123	3/10/2026	S	1	BH07-3'		20								X			2.6			
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, Kelsie Smith																				
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								
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										
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.																				

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: Biggers Federal East TB				Address: 3122 National Parks Hwy		E603120	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		
																	Compliance	Y	or	N
																	PWSID #			
																	Sample Temp		Remarks	
1125	3/10/2026	S	1	BH07-4'		21								X			2.4			
1115	3/10/2026	S	1	BH08-0'		22								X			2.0			
1127	3/10/2026	S	1	BH08-0.5'		23								X			2.6			
1133	3/10/2026	S	1	BH08-1'		24								X			2.8			
1135	3/10/2026	S	1	BH08-2'		25								X			1.9			
1136	3/10/2026	S	1	BH08-3'		26								X			2.4			
1202	3/10/2026	S	1	BH08-4'		27								X			2.8			
1209	3/10/2026	S	1	BH09-0.5'		28								X			2.5			
1212	3/10/2026	S	1	BH09-1'		29								X			2.0			
1214	3/10/2026	S	1	BH09-2'		30								X			2.6			
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamliton@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																				
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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										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Received on ice: ☒ Y ☐ N								
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																				
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																				
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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: Biggers Federal East TB				Address: 3122 National Parks Hwy		E1003120	7303-0002				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	
1216	3/10/2026	S	1	BH09-3'		31								X					
1218	3/10/2026	S	1	BH09-4'		32								X					
1300	3/10/2026	S	1	BH09-5'		33								X					
1411	3/10/2026	S	1	BH09-6'		34								X					
1419	3/10/2026	S	1	BH09-7'		35								X					
1422	3/10/2026	S	1	BH09-8'		36								X					
1220	3/10/2026	S	1	BH10-0.5'		37								X					
1222	3/10/2026	S	1	BH10-1'		38								X					
1224	3/10/2026	S	1	BH10-2'		39								X					
1226	3/10/2026	S	1	BH10-3'		40								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																			
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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									
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							
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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	
1228	3/10/2026	S	1	BH10-4'		41													
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																			
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Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
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Envirotech Analytical Laboratory

Printed: 3/16/2026 1:27:15PM

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:	03/12/26 08:00	Work Order ID:	E603120
Phone:	(972) 371-5200	Date Logged In:	03/11/26 16:24	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	03/18/26 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

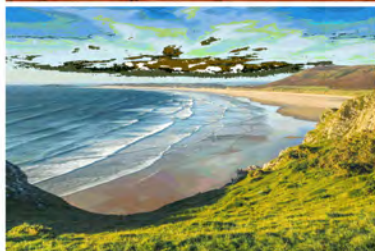
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Production Company

Project Name: Biggers Federal East TB

Work Order: E603170

Job Number: 23003-0002

Received: 3/16/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/19/26

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: 3/19/26

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



Project Name: Biggers Federal East TB
Workorder: E603170
Date Received: 3/16/2026 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/16/2026 7:30:00AM, under the Project Name: Biggers Federal East TB.

The analytical test results summarized in this report with the Project Name: Biggers Federal East 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
rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Matador Production Company	Project Name:	Biggers Federal East TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	03/19/26 14:48

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS14-0	E603170-01A	Soil	03/13/26	03/16/26	Glass Jar, 2 oz.
SS14-1	E603170-02A	Soil	03/13/26	03/16/26	Glass Jar, 2 oz.



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/19/2026 2:48:43PM

SS14-0

E603170-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2612051
Benzene	ND	0.0250	1	03/17/26	03/18/26	
Ethylbenzene	ND	0.0250	1	03/17/26	03/18/26	
Toluene	ND	0.0250	1	03/17/26	03/18/26	
o-Xylene	ND	0.0250	1	03/17/26	03/18/26	
p,m-Xylene	ND	0.0500	1	03/17/26	03/18/26	
Total Xylenes	ND	0.0250	1	03/17/26	03/18/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.1 %	70-130	03/17/26	03/18/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2612051
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/17/26	03/18/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		102 %	70-130	03/17/26	03/18/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2612054
Diesel Range Organics (C10-C28)	ND	25.0	1	03/17/26	03/18/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/17/26	03/18/26	
<i>Surrogate: n-Nonane</i>		98.4 %	61-141	03/17/26	03/18/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2612063
Chloride	174	40.0	2	03/17/26	03/17/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
3/19/2026 2:48:43PM

SS14-1

E603170-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB		Batch: 2612051	
Benzene	ND	0.0250	1	03/17/26	03/18/26	
Ethylbenzene	ND	0.0250	1	03/17/26	03/18/26	
Toluene	ND	0.0250	1	03/17/26	03/18/26	
o-Xylene	ND	0.0250	1	03/17/26	03/18/26	
p,m-Xylene	ND	0.0500	1	03/17/26	03/18/26	
Total Xylenes	ND	0.0250	1	03/17/26	03/18/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	92.4 %	70-130		03/17/26	03/18/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB		Batch: 2612051	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/17/26	03/18/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	101 %	70-130		03/17/26	03/18/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2612054	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/17/26	03/18/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/17/26	03/18/26	
<i>Surrogate: n-Nonane</i>	99.6 %	61-141		03/17/26	03/18/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2612063	
Chloride	77.9	20.0	1	03/17/26	03/17/26	



QC Summary Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/19/2026 2:48:43PM

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 (2612051-BLK1)

Prepared: 03/17/26 Analyzed: 03/18/26

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	7.42		8.00		92.8	70-130			

LCS (2612051-BS1)

Prepared: 03/17/26 Analyzed: 03/18/26

Benzene	4.09	0.0250	5.00		81.7	70-130			
Ethylbenzene	4.14	0.0250	5.00		82.9	70-130			
Toluene	4.21	0.0250	5.00		84.1	70-130			
o-Xylene	4.25	0.0250	5.00		84.9	70-130			
p,m-Xylene	8.49	0.0500	10.0		84.9	70-130			
Total Xylenes	12.7	0.0250	15.0		84.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.53		8.00		94.1	70-130			

Matrix Spike (2612051-MS1)

Source: E603173-02

Prepared: 03/17/26 Analyzed: 03/18/26

Benzene	4.23	0.0250	5.00	ND	84.5	70-130			
Ethylbenzene	4.27	0.0250	5.00	ND	85.4	70-130			
Toluene	4.34	0.0250	5.00	ND	86.8	70-130			
o-Xylene	4.38	0.0250	5.00	ND	87.6	70-130			
p,m-Xylene	8.73	0.0500	10.0	ND	87.3	70-130			
Total Xylenes	13.1	0.0250	15.0	ND	87.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.56		8.00		94.5	70-130			

Matrix Spike Dup (2612051-MSD1)

Source: E603173-02

Prepared: 03/17/26 Analyzed: 03/18/26

Benzene	4.19	0.0250	5.00	ND	83.8	70-130	0.895	27	
Ethylbenzene	4.25	0.0250	5.00	ND	84.9	70-130	0.578	26	
Toluene	4.31	0.0250	5.00	ND	86.2	70-130	0.679	20	
o-Xylene	4.37	0.0250	5.00	ND	87.5	70-130	0.0811	25	
p,m-Xylene	8.68	0.0500	10.0	ND	86.8	70-130	0.543	23	
Total Xylenes	13.1	0.0250	15.0	ND	87.1	70-130	0.389	26	
Surrogate: 4-Bromochlorobenzene-PID	7.51		8.00		93.8	70-130			



QC Summary Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Biggers Federal East TB Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 3/19/2026 2:48:43PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: MB

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2612051-BLK1)

Prepared: 03/17/26 Analyzed: 03/18/26

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

LCS (2612051-BS2)

Prepared: 03/17/26 Analyzed: 03/18/26

Gasoline Range Organics (C6-C10)	49.8	20.0	50.0		99.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.14		8.00		102	70-130			

Matrix Spike (2612051-MS2)

Source: E603173-02

Prepared: 03/17/26 Analyzed: 03/18/26

Gasoline Range Organics (C6-C10)	51.9	20.0	50.0	ND	104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.91		8.00		98.9	70-130			

Matrix Spike Dup (2612051-MSD2)

Source: E603173-02

Prepared: 03/17/26 Analyzed: 03/18/26

Gasoline Range Organics (C6-C10)	51.2	20.0	50.0	ND	102	70-130	1.28	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.21		8.00		103	70-130			



QC Summary Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/19/2026 2:48:43PM

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 (2612054-BLK1) Prepared: 03/17/26 Analyzed: 03/17/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.1		50.0		90.2	61-141			

LCS (2612054-BS1) Prepared: 03/17/26 Analyzed: 03/17/26

Diesel Range Organics (C10-C28)	229	25.0	250		91.6	66-144			
Surrogate: n-Nonane	45.6		50.0		91.1	61-141			

Matrix Spike (2612054-MS1) Source: E603167-06 Prepared: 03/17/26 Analyzed: 03/17/26

Diesel Range Organics (C10-C28)	507	25.0	250	259	99.2	56-156			
Surrogate: n-Nonane	45.4		50.0		90.8	61-141			

Matrix Spike Dup (2612054-MSD1) Source: E603167-06 Prepared: 03/17/26 Analyzed: 03/17/26

Diesel Range Organics (C10-C28)	489	25.0	250	259	92.3	56-156	3.48	20	
Surrogate: n-Nonane	45.7		50.0		91.4	61-141			



QC Summary Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/19/2026 2:48:43PM

Anions by EPA 300.0/9056A

Analyst: TP

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

Blank (2612063-BLK1)					Prepared: 03/17/26 Analyzed: 03/17/26				
Chloride	ND	20.0							
LCS (2612063-BS1)					Prepared: 03/17/26 Analyzed: 03/17/26				
Chloride	258	20.0	250		103	90-110			
Matrix Spike (2612063-MS1)					Source: E603171-01		Prepared: 03/17/26 Analyzed: 03/17/26		
Chloride	1360	20.0	250	899	185	80-120			M2
Matrix Spike Dup (2612063-MSD1)					Source: E603171-01		Prepared: 03/17/26 Analyzed: 03/17/26		
Chloride	1360	20.0	250	899	183	80-120	0.435	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:	Biggers Federal East TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	03/19/26 14:48

- 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				Company: Ensolum LLC		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX			
Project Name: Biggers Federal East TB				Address: 3122 National Parks Hwy		E1003170	23003.000 2				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	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
1100	3/13/2026	S	1	SS14-0		1								X				
1103	3/13/2026	S	1	SS14-1		2								X				
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com																		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																		
Sampled by: Eric Plugge																		
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>LY</u> N										
Michelle Gonzales		3-13-26	1200	Michelle Gonzales		3-13-26	1200											
Michelle Gonzales		3-14-26	0700	Marissa Gonzales		3-14-26	0700											
Marissa Gonzales		3-14-26	1100	Johnny Archuleta		3-14-26	1100											
Johnny Archuleta		3-14-26	1400	Cathy Mann		3-14-26	1730											
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: 3/16/2026 1:41:44PM

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:	03/16/26 07:30	Work Order ID:	E603170
Phone:	(972) 371-5200	Date Logged In:	03/16/26 09:22	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	03/20/26 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: Biggers Federal East TB

Work Order: E604179

Job Number: 23003-0002

Received: 4/17/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/23/26

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: 4/23/26

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



Project Name: Biggers Federal East TB
Workorder: E604179
Date Received: 4/17/2026 7:45:57AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/17/2026 7:45:57AM, under the Project Name: Biggers Federal East TB.

The analytical test results summarized in this report with the Project Name: Biggers Federal East 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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Sample Summary

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Biggers Federal East TB Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 04/23/26 10:51
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS16-.5	E604179-01A	Soil	04/15/26	04/17/26	Glass Jar, 2 oz.
FS17-.5	E604179-02A	Soil	04/15/26	04/17/26	Glass Jar, 2 oz.
FS18-.5	E604179-03A	Soil	04/15/26	04/17/26	Glass Jar, 2 oz.
FS19-.5	E604179-04A	Soil	04/15/26	04/17/26	Glass Jar, 2 oz.
FS20-.5	E604179-05A	Soil	04/15/26	04/17/26	Glass Jar, 2 oz.
FS21-.5	E604179-06A	Soil	04/15/26	04/17/26	Glass Jar, 2 oz.
FS22-.5	E604179-07A	Soil	04/15/26	04/17/26	Glass Jar, 2 oz.
FS23-.5	E604179-08A	Soil	04/15/26	04/17/26	Glass Jar, 2 oz.
FS24-.5	E604179-09A	Soil	04/15/26	04/17/26	Glass Jar, 2 oz.
FS25-.5	E604179-10A	Soil	04/15/26	04/17/26	Glass Jar, 2 oz.
FS26-.5	E604179-11A	Soil	04/15/26	04/17/26	Glass Jar, 2 oz.
FS27-.5	E604179-12A	Soil	04/15/26	04/17/26	Glass Jar, 2 oz.
FS28-.5	E604179-13A	Soil	04/15/26	04/17/26	Glass Jar, 2 oz.
FS29-.5	E604179-14A	Soil	04/15/26	04/17/26	Glass Jar, 2 oz.
FS30-.5	E604179-15A	Soil	04/15/26	04/17/26	Glass Jar, 2 oz.



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
4/23/2026 10:51:43AM

FS16-.5

E604179-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2616117	
Benzene	ND	0.0250	1	04/17/26	04/18/26	
Ethylbenzene	ND	0.0250	1	04/17/26	04/18/26	
Toluene	ND	0.0250	1	04/17/26	04/18/26	
o-Xylene	ND	0.0250	1	04/17/26	04/18/26	
p,m-Xylene	ND	0.0500	1	04/17/26	04/18/26	
Total Xylenes	ND	0.0250	1	04/17/26	04/18/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		106 %	70-130	04/17/26	04/18/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2616117	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/26	04/18/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.9 %	70-130	04/17/26	04/18/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2616119	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/17/26	04/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/26	04/17/26	
<i>Surrogate: n-Nonane</i>						
		104 %	69-135	04/17/26	04/17/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2616107	
Chloride	56.0	20.0	1	04/17/26	04/17/26	



Sample Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Biggers Federal East TB Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 4/23/2026 10:51:43AM
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FS17-.5

E604179-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2616117
Benzene	ND	0.0250	1	04/17/26	04/18/26	
Ethylbenzene	ND	0.0250	1	04/17/26	04/18/26	
Toluene	ND	0.0250	1	04/17/26	04/18/26	
o-Xylene	ND	0.0250	1	04/17/26	04/18/26	
p,m-Xylene	ND	0.0500	1	04/17/26	04/18/26	
Total Xylenes	ND	0.0250	1	04/17/26	04/18/26	
Surrogate: 4-Bromochlorobenzene-PID	106 %	70-130		04/17/26	04/18/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2616117
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/26	04/18/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.8 %	70-130		04/17/26	04/18/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2616119
Diesel Range Organics (C10-C28)	ND	25.0	1	04/17/26	04/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/26	04/17/26	
Surrogate: n-Nonane	103 %	69-135		04/17/26	04/17/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2616107
Chloride	81.1	20.0	1	04/17/26	04/17/26	



Sample Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported: 4/23/2026 10:51:43AM
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	

FS18-5

E604179-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2616117
Benzene	ND	0.0250	1	04/17/26	04/18/26	
Ethylbenzene	ND	0.0250	1	04/17/26	04/18/26	
Toluene	ND	0.0250	1	04/17/26	04/18/26	
o-Xylene	ND	0.0250	1	04/17/26	04/18/26	
p,m-Xylene	ND	0.0500	1	04/17/26	04/18/26	
Total Xylenes	ND	0.0250	1	04/17/26	04/18/26	
Surrogate: 4-Bromochlorobenzene-PID	106 %	70-130		04/17/26	04/18/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2616117
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/26	04/18/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.0 %	70-130		04/17/26	04/18/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2616119
Diesel Range Organics (C10-C28)	ND	25.0	1	04/17/26	04/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/26	04/17/26	
Surrogate: n-Nonane	105 %	69-135		04/17/26	04/17/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2616107
Chloride	2060	40.0	2	04/17/26	04/17/26	



Sample Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported: 4/23/2026 10:51:43AM
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	

FS19-.5

E604179-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2616117
Benzene	ND	0.0250	1	04/17/26	04/18/26	
Ethylbenzene	ND	0.0250	1	04/17/26	04/18/26	
Toluene	ND	0.0250	1	04/17/26	04/18/26	
o-Xylene	ND	0.0250	1	04/17/26	04/18/26	
p,m-Xylene	ND	0.0500	1	04/17/26	04/18/26	
Total Xylenes	ND	0.0250	1	04/17/26	04/18/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	106 %	70-130		04/17/26	04/18/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2616117
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/26	04/18/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.0 %	70-130		04/17/26	04/18/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2616119
Diesel Range Organics (C10-C28)	ND	25.0	1	04/17/26	04/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/26	04/17/26	
<i>Surrogate: n-Nonane</i>						
	105 %	69-135		04/17/26	04/17/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2616107
Chloride	2520	40.0	2	04/17/26	04/17/26	



Sample Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported: 4/23/2026 10:51:43AM
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	

FS20-.5

E604179-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2616117
Benzene	ND	0.0250	1	04/17/26	04/18/26	
Ethylbenzene	ND	0.0250	1	04/17/26	04/18/26	
Toluene	ND	0.0250	1	04/17/26	04/18/26	
o-Xylene	ND	0.0250	1	04/17/26	04/18/26	
p,m-Xylene	ND	0.0500	1	04/17/26	04/18/26	
Total Xylenes	ND	0.0250	1	04/17/26	04/18/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	106 %	70-130		04/17/26	04/18/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2616117
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/26	04/18/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.0 %	70-130		04/17/26	04/18/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2616119
Diesel Range Organics (C10-C28)	ND	25.0	1	04/17/26	04/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/26	04/17/26	
<i>Surrogate: n-Nonane</i>						
	99.6 %	69-135		04/17/26	04/17/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2616107
Chloride	1850	40.0	2	04/17/26	04/17/26	



Sample Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported: 4/23/2026 10:51:43AM
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	

FS21-.5

E604179-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2616117
Benzene	ND	0.0250	1	04/17/26	04/18/26	
Ethylbenzene	ND	0.0250	1	04/17/26	04/18/26	
Toluene	ND	0.0250	1	04/17/26	04/18/26	
o-Xylene	ND	0.0250	1	04/17/26	04/18/26	
p,m-Xylene	ND	0.0500	1	04/17/26	04/18/26	
Total Xylenes	ND	0.0250	1	04/17/26	04/18/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	106 %	70-130		04/17/26	04/18/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2616117
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/26	04/18/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.1 %	70-130		04/17/26	04/18/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2616119
Diesel Range Organics (C10-C28)	ND	25.0	1	04/17/26	04/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/26	04/17/26	
<i>Surrogate: n-Nonane</i>						
	99.1 %	69-135		04/17/26	04/17/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2616107
Chloride	2710	40.0	2	04/17/26	04/17/26	



Sample Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported: 4/23/2026 10:51:43AM
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	

FS22-.5

E604179-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2616117
Benzene	ND	0.0250	1	04/17/26	04/18/26	
Ethylbenzene	ND	0.0250	1	04/17/26	04/18/26	
Toluene	ND	0.0250	1	04/17/26	04/18/26	
o-Xylene	ND	0.0250	1	04/17/26	04/18/26	
p,m-Xylene	ND	0.0500	1	04/17/26	04/18/26	
Total Xylenes	ND	0.0250	1	04/17/26	04/18/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	106 %	70-130		04/17/26	04/18/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2616117
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/26	04/18/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.6 %	70-130		04/17/26	04/18/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2616119
Diesel Range Organics (C10-C28)	ND	25.0	1	04/17/26	04/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/26	04/17/26	
<i>Surrogate: n-Nonane</i>						
	98.8 %	69-135		04/17/26	04/17/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2616107
Chloride	2840	40.0	2	04/17/26	04/17/26	



Sample Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported: 4/23/2026 10:51:43AM
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	

FS23-.5

E604179-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2616117
Benzene	ND	0.0250	1	04/17/26	04/18/26	
Ethylbenzene	ND	0.0250	1	04/17/26	04/18/26	
Toluene	ND	0.0250	1	04/17/26	04/18/26	
o-Xylene	ND	0.0250	1	04/17/26	04/18/26	
p,m-Xylene	ND	0.0500	1	04/17/26	04/18/26	
Total Xylenes	ND	0.0250	1	04/17/26	04/18/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	105 %	70-130		04/17/26	04/18/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2616117
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/26	04/18/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.4 %	70-130		04/17/26	04/18/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2616119
Diesel Range Organics (C10-C28)	ND	25.0	1	04/17/26	04/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/26	04/17/26	
<i>Surrogate: n-Nonane</i>						
	102 %	69-135		04/17/26	04/17/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2616107
Chloride	1950	40.0	2	04/17/26	04/17/26	



Sample Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported: 4/23/2026 10:51:43AM
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	

FS24-.5

E604179-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2616117
Benzene	ND	0.0250	1	04/17/26	04/18/26	
Ethylbenzene	ND	0.0250	1	04/17/26	04/18/26	
Toluene	ND	0.0250	1	04/17/26	04/18/26	
o-Xylene	ND	0.0250	1	04/17/26	04/18/26	
p,m-Xylene	ND	0.0500	1	04/17/26	04/18/26	
Total Xylenes	ND	0.0250	1	04/17/26	04/18/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	103 %	70-130		04/17/26	04/18/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2616117
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/26	04/18/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.8 %	70-130		04/17/26	04/18/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2616119
Diesel Range Organics (C10-C28)	ND	25.0	1	04/17/26	04/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/26	04/17/26	
<i>Surrogate: n-Nonane</i>						
	102 %	69-135		04/17/26	04/17/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2616107
Chloride	2530	40.0	2	04/17/26	04/17/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
4/23/2026 10:51:43AM

FS25-.5

E604179-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2616117
Benzene	ND	0.0250	1	04/17/26	04/18/26	
Ethylbenzene	ND	0.0250	1	04/17/26	04/18/26	
Toluene	ND	0.0250	1	04/17/26	04/18/26	
o-Xylene	ND	0.0250	1	04/17/26	04/18/26	
p,m-Xylene	ND	0.0500	1	04/17/26	04/18/26	
Total Xylenes	ND	0.0250	1	04/17/26	04/18/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	105 %	70-130		04/17/26	04/18/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2616117
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/26	04/18/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.6 %	70-130		04/17/26	04/18/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2616119
Diesel Range Organics (C10-C28)	ND	25.0	1	04/17/26	04/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/26	04/17/26	
<i>Surrogate: n-Nonane</i>						
	101 %	69-135		04/17/26	04/17/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2616107
Chloride	2680	40.0	2	04/17/26	04/17/26	



Sample Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported: 4/23/2026 10:51:43AM
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	

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E604179-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2616117
Benzene	ND	0.0250	1	04/17/26	04/18/26	
Ethylbenzene	ND	0.0250	1	04/17/26	04/18/26	
Toluene	ND	0.0250	1	04/17/26	04/18/26	
o-Xylene	ND	0.0250	1	04/17/26	04/18/26	
p,m-Xylene	ND	0.0500	1	04/17/26	04/18/26	
Total Xylenes	ND	0.0250	1	04/17/26	04/18/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	105 %	70-130		04/17/26	04/18/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2616117
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/26	04/18/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.3 %	70-130		04/17/26	04/18/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2616119
Diesel Range Organics (C10-C28)	ND	25.0	1	04/17/26	04/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/26	04/17/26	
<i>Surrogate: n-Nonane</i>						
	101 %	69-135		04/17/26	04/17/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2616107
Chloride	3180	40.0	2	04/17/26	04/17/26	



Sample Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported: 4/23/2026 10:51:43AM
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	

FS27-.5

E604179-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2616117
Benzene	ND	0.0250	1	04/17/26	04/18/26	
Ethylbenzene	ND	0.0250	1	04/17/26	04/18/26	
Toluene	ND	0.0250	1	04/17/26	04/18/26	
o-Xylene	ND	0.0250	1	04/17/26	04/18/26	
p,m-Xylene	ND	0.0500	1	04/17/26	04/18/26	
Total Xylenes	ND	0.0250	1	04/17/26	04/18/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	105 %	70-130		04/17/26	04/18/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2616117
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/26	04/18/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.0 %	70-130		04/17/26	04/18/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2616119
Diesel Range Organics (C10-C28)	ND	25.0	1	04/17/26	04/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/26	04/17/26	
<i>Surrogate: n-Nonane</i>						
	102 %	69-135		04/17/26	04/17/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2616107
Chloride	72.1	20.0	1	04/17/26	04/17/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
4/23/2026 10:51:43AM

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E604179-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2616117
Benzene	ND	0.0250	1	04/17/26	04/18/26	
Ethylbenzene	ND	0.0250	1	04/17/26	04/18/26	
Toluene	ND	0.0250	1	04/17/26	04/18/26	
o-Xylene	ND	0.0250	1	04/17/26	04/18/26	
p,m-Xylene	ND	0.0500	1	04/17/26	04/18/26	
Total Xylenes	ND	0.0250	1	04/17/26	04/18/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	104 %	70-130		04/17/26	04/18/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2616117
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/26	04/18/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.8 %	70-130		04/17/26	04/18/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2616119
Diesel Range Organics (C10-C28)	ND	25.0	1	04/17/26	04/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/26	04/17/26	
<i>Surrogate: n-Nonane</i>						
	100 %	69-135		04/17/26	04/17/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2616107
Chloride	136	20.0	1	04/17/26	04/17/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
4/23/2026 10:51:43AM

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E604179-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2616117
Benzene	ND	0.0250	1	04/17/26	04/18/26	
Ethylbenzene	ND	0.0250	1	04/17/26	04/18/26	
Toluene	ND	0.0250	1	04/17/26	04/18/26	
o-Xylene	ND	0.0250	1	04/17/26	04/18/26	
p,m-Xylene	ND	0.0500	1	04/17/26	04/18/26	
Total Xylenes	ND	0.0250	1	04/17/26	04/18/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	103 %	70-130		04/17/26	04/18/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2616117
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/26	04/18/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.8 %	70-130		04/17/26	04/18/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2616119
Diesel Range Organics (C10-C28)	ND	25.0	1	04/17/26	04/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/26	04/17/26	
<i>Surrogate: n-Nonane</i>						
	99.3 %	69-135		04/17/26	04/17/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2616107
Chloride	112	20.0	1	04/17/26	04/17/26	



Sample Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported: 4/23/2026 10:51:43AM
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	

FS30-.5

E604179-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2616117
Benzene	ND	0.0250	1	04/17/26	04/18/26	
Ethylbenzene	ND	0.0250	1	04/17/26	04/18/26	
Toluene	ND	0.0250	1	04/17/26	04/18/26	
o-Xylene	ND	0.0250	1	04/17/26	04/18/26	
p,m-Xylene	ND	0.0500	1	04/17/26	04/18/26	
Total Xylenes	ND	0.0250	1	04/17/26	04/18/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	103 %	70-130		04/17/26	04/18/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2616117
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/26	04/18/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.4 %	70-130		04/17/26	04/18/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2616119
Diesel Range Organics (C10-C28)	ND	25.0	1	04/17/26	04/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/26	04/17/26	
<i>Surrogate: n-Nonane</i>						
	101 %	69-135		04/17/26	04/17/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2616107
Chloride	132	20.0	1	04/17/26	04/17/26	



QC Summary Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/23/2026 10:51:43AM

Volatile Organics by EPA 8021B

Analyst: SL

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

Blank (2616117-BLK1)

Prepared: 04/17/26 Analyzed: 04/17/26

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: 4-Bromochlorobenzene-PID	8.27		8.00		103	70-130			

LCS (2616117-BS1)

Prepared: 04/17/26 Analyzed: 04/17/26

Benzene	4.74	0.0250	5.00		94.8	70-130			
Ethylbenzene	4.53	0.0250	5.00		90.5	70-130			
Toluene	4.66	0.0250	5.00		93.3	70-130			
o-Xylene	4.66	0.0250	5.00		93.2	70-130			
p,m-Xylene	9.25	0.0500	10.0		92.5	70-130			
Total Xylenes	13.9	0.0250	15.0		92.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.43		8.00		105	70-130			

Matrix Spike (2616117-MS1)

Source: E604179-05

Prepared: 04/17/26 Analyzed: 04/18/26

Benzene	4.41	0.0250	5.00	ND	88.3	70-130			
Ethylbenzene	4.17	0.0250	5.00	ND	83.5	70-130			
Toluene	4.33	0.0250	5.00	ND	86.5	70-130			
o-Xylene	4.32	0.0250	5.00	ND	86.5	70-130			
p,m-Xylene	8.54	0.0500	10.0	ND	85.4	70-130			
Total Xylenes	12.9	0.0250	15.0	ND	85.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.44		8.00		106	70-130			

Matrix Spike Dup (2616117-MSD1)

Source: E604179-05

Prepared: 04/17/26 Analyzed: 04/18/26

Benzene	4.79	0.0250	5.00	ND	95.8	70-130	8.14	20	
Ethylbenzene	4.56	0.0250	5.00	ND	91.3	70-130	8.91	20	
Toluene	4.70	0.0250	5.00	ND	94.1	70-130	8.35	20	
o-Xylene	4.69	0.0250	5.00	ND	93.9	70-130	8.18	20	
p,m-Xylene	9.31	0.0500	10.0	ND	93.1	70-130	8.68	20	
Total Xylenes	14.0	0.0250	15.0	ND	93.4	70-130	8.51	20	
Surrogate: 4-Bromochlorobenzene-PID	8.44		8.00		105	70-130			



QC Summary Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/23/2026 10:51:43AM

Nonhalogenated Organics by EPA 8015D - GRO

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 (2616117-BLK1)					Prepared: 04/17/26 Analyzed: 04/17/26				
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.67		8.00		95.9	70-130			

LCS (2616117-BS2)					Prepared: 04/17/26 Analyzed: 04/17/26				
Gasoline Range Organics (C6-C10)	49.7	20.0	50.0		99.3	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.90		8.00		98.7	70-130			

Matrix Spike (2616117-MS2)					Source: E604179-05		Prepared: 04/17/26 Analyzed: 04/21/26		
Gasoline Range Organics (C6-C10)	53.8	20.0	50.0	ND	108	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.98		8.00		99.8	70-130			

Matrix Spike Dup (2616117-MSD2)					Source: E604179-05		Prepared: 04/17/26 Analyzed: 04/18/26		
Gasoline Range Organics (C6-C10)	55.0	20.0	50.0	ND	110	60-137	2.26	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.67		8.00		95.9	70-130			



QC Summary Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/23/2026 10:51:43AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

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

Blank (2616119-BLK1)					Prepared: 04/17/26 Analyzed: 04/17/26				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.5		50.0		101	69-135			

LCS (2616119-BS1)					Prepared: 04/17/26 Analyzed: 04/17/26				
Diesel Range Organics (C10-C28)	244	25.0	250		97.7	70-131			
Surrogate: n-Nonane	49.8		50.0		99.7	69-135			

Matrix Spike (2616119-MS1)					Source: E604179-06		Prepared: 04/17/26 Analyzed: 04/17/26		
Diesel Range Organics (C10-C28)	244	25.0	250	ND	97.6	62-151			
Surrogate: n-Nonane	50.5		50.0		101	69-135			

Matrix Spike Dup (2616119-MSD1)					Source: E604179-06		Prepared: 04/17/26 Analyzed: 04/17/26		
Diesel Range Organics (C10-C28)	243	25.0	250	ND	97.3	62-151	0.294	20	
Surrogate: n-Nonane	50.2		50.0		100	69-135			



QC Summary Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/23/2026 10:51:43AM

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 (2616107-BLK1)					Prepared: 04/17/26 Analyzed: 04/17/26				
Chloride	ND	20.0							
LCS (2616107-BS1)					Prepared: 04/17/26 Analyzed: 04/17/26				
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2616107-MS1)					Source: E604179-05		Prepared: 04/17/26 Analyzed: 04/17/26		
Chloride	2220	40.0	250	1850	151	80-120			M4
Matrix Spike Dup (2616107-MSD1)					Source: E604179-05		Prepared: 04/17/26 Analyzed: 04/17/26		
Chloride	2080	40.0	250	1850	92.8	80-120	6.81	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:	Biggers Federal East TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	04/23/26 10:51

- M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
- 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				Company: Ensolum LLC		Lab WO# E1004179		Job Number 23003-0002		1D	2D	3D	Std					
Project Name: Biggers Federal East TB				Address: 3122 National Parks Hwy									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	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
1241	4/15/2026	S	1	FS16-.5		1							X					
1233	4/15/2026	S	1	FS17-.5		2							X					
1229	4/15/2026	S	1	FS18-.5		3							X					
1221	4/15/2026	S	1	FS19-.5		4							X					
1215	4/15/2026	S	1	FS20-.5		5							X					
1203	4/15/2026	S	1	FS21-.5		6							X					
1200	4/15/2026	S	1	FS22-.5		7							X					
1107	4/15/2026	S	1	FS23-.5		8							X					
1110	4/15/2026	S	1	FS24-.5		9							X					
1113	4/15/2026	S	1	FS25-.5		10							X					
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com																		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																		
Sampled by: Eric Plugge																		
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						
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								
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				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX		
Project Name: Biggers Federal East TB				Address: 3122 National Parks Hwy				E6004179		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	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	Compliance	Y	or	N
1115	4/15/2026	S	1	FS26-.5		11							X								
1057	4/15/2026	S	1	FS27-.5		12							X								
1100	4/15/2026	S	1	FS28-.5		13							X								
1059	4/15/2026	S	1	FS29-.5		14							X								
1103	4/15/2026	S	1	FS30-.5		15							X								
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com																					
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																					
Sampled by: Eric Plugge																					
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															
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																
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: 4/17/2026 9:32:03AM

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:	04/17/26 07:45	Work Order ID:	E604179
Phone:	(972) 371-5200	Date Logged In:	04/16/26 15:24	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	04/23/26 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

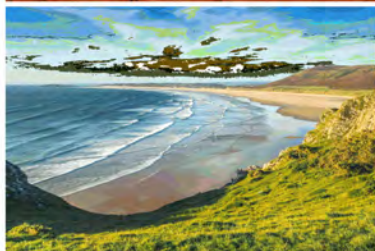
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Ashley Giovengo



5796 U.S. Hwy 64
Farmington, NM 87401

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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Production Company

Project Name: Biggers Federal East TB

Work Order: E604212

Job Number: 23003-0002

Received: 4/20/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/23/26

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: 4/23/26

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



Project Name: Biggers Federal East TB
Workorder: E604212
Date Received: 4/20/2026 6:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/20/2026 6:15:00AM, under the Project Name: Biggers Federal East TB.

The analytical test results summarized in this report with the Project Name: Biggers Federal East 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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Sample Summary

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Biggers Federal East TB Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 04/23/26 11:44
--	---	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01-.5	E604212-01A	Soil	04/16/26	04/20/26	Glass Jar, 2 oz.
FS02-.5	E604212-02A	Soil	04/16/26	04/20/26	Glass Jar, 2 oz.
FS03-.5	E604212-03A	Soil	04/16/26	04/20/26	Glass Jar, 2 oz.
FS04-.5	E604212-04A	Soil	04/16/26	04/20/26	Glass Jar, 2 oz.
FS05-.5	E604212-05A	Soil	04/16/26	04/20/26	Glass Jar, 2 oz.
FS06-.5	E604212-06A	Soil	04/16/26	04/20/26	Glass Jar, 2 oz.
FS07-.5	E604212-07A	Soil	04/16/26	04/20/26	Glass Jar, 2 oz.
FS08-.5	E604212-08A	Soil	04/16/26	04/20/26	Glass Jar, 2 oz.
FS09-.5	E604212-09A	Soil	04/16/26	04/20/26	Glass Jar, 2 oz.
FS10.5	E604212-10A	Soil	04/16/26	04/20/26	Glass Jar, 2 oz.
FS11-.5	E604212-11A	Soil	04/16/26	04/20/26	Glass Jar, 2 oz.
FS12-.5	E604212-12A	Soil	04/16/26	04/20/26	Glass Jar, 2 oz.
FS13-.5	E604212-13A	Soil	04/16/26	04/20/26	Glass Jar, 2 oz.
FS14-.5	E604212-14A	Soil	04/16/26	04/20/26	Glass Jar, 2 oz.
FS15-.5	E604212-15A	Soil	04/16/26	04/20/26	Glass Jar, 2 oz.



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
4/23/2026 11:44:23AM

FS01-.5

E604212-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: SL		Batch: 2617009
Benzene	ND	0.0250	1	04/20/26	04/21/26	
Ethylbenzene	ND	0.0250	1	04/20/26	04/21/26	
Toluene	ND	0.0250	1	04/20/26	04/21/26	
o-Xylene	ND	0.0250	1	04/20/26	04/21/26	
p,m-Xylene	ND	0.0500	1	04/20/26	04/21/26	
Total Xylenes	ND	0.0250	1	04/20/26	04/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.7 %	70-130	04/20/26	04/21/26	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: SL		Batch: 2617009
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/20/26	04/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.4 %	70-130	04/20/26	04/21/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: KH		Batch: 2617035
Diesel Range Organics (C10-C28)	ND	25.0	1	04/21/26	04/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/21/26	04/21/26	
<i>Surrogate: n-Nonane</i>		102 %	69-135	04/21/26	04/21/26	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: RAS		Batch: 2617031
Chloride	3540	40.0	2	04/20/26	04/20/26	



Sample Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported: 4/23/2026 11:44:23AM
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	

FS02-.5

E604212-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2617009
Benzene	ND	0.0250	1	04/20/26	04/21/26	
Ethylbenzene	ND	0.0250	1	04/20/26	04/21/26	
Toluene	ND	0.0250	1	04/20/26	04/21/26	
o-Xylene	ND	0.0250	1	04/20/26	04/21/26	
p,m-Xylene	ND	0.0500	1	04/20/26	04/21/26	
Total Xylenes	ND	0.0250	1	04/20/26	04/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.5 %	70-130		04/20/26	04/21/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2617009
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/20/26	04/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.1 %	70-130		04/20/26	04/21/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2617035
Diesel Range Organics (C10-C28)	ND	25.0	1	04/21/26	04/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/21/26	04/21/26	
<i>Surrogate: n-Nonane</i>						
	101 %	69-135		04/21/26	04/21/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2617031
Chloride	4320	40.0	2	04/20/26	04/20/26	



Sample Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported: 4/23/2026 11:44:23AM
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	

FS03-.5

E604212-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2617009
Benzene	ND	0.0250	1	04/20/26	04/21/26	
Ethylbenzene	ND	0.0250	1	04/20/26	04/21/26	
Toluene	ND	0.0250	1	04/20/26	04/21/26	
o-Xylene	ND	0.0250	1	04/20/26	04/21/26	
p,m-Xylene	ND	0.0500	1	04/20/26	04/21/26	
Total Xylenes	ND	0.0250	1	04/20/26	04/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.4 %	70-130		04/20/26	04/21/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2617009
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/20/26	04/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.5 %	70-130		04/20/26	04/21/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2617035
Diesel Range Organics (C10-C28)	ND	25.0	1	04/21/26	04/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/21/26	04/21/26	
<i>Surrogate: n-Nonane</i>						
	100 %	69-135		04/21/26	04/21/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2617031
Chloride	2740	40.0	2	04/20/26	04/20/26	



Sample Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported: 4/23/2026 11:44:23AM
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	

FS04-.5

E604212-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2617009
Benzene	ND	0.0250	1	04/20/26	04/21/26	
Ethylbenzene	ND	0.0250	1	04/20/26	04/21/26	
Toluene	ND	0.0250	1	04/20/26	04/21/26	
o-Xylene	ND	0.0250	1	04/20/26	04/21/26	
p,m-Xylene	ND	0.0500	1	04/20/26	04/21/26	
Total Xylenes	ND	0.0250	1	04/20/26	04/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.2 %	70-130		04/20/26	04/21/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2617009
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/20/26	04/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.3 %	70-130		04/20/26	04/21/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2617035
Diesel Range Organics (C10-C28)	ND	25.0	1	04/21/26	04/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/21/26	04/21/26	
<i>Surrogate: n-Nonane</i>						
	102 %	69-135		04/21/26	04/21/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2617031
Chloride	3790	40.0	2	04/20/26	04/20/26	



Sample Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported: 4/23/2026 11:44:23AM
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	

FS05-.5

E604212-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2617009
Benzene	ND	0.0250	1	04/20/26	04/21/26	
Ethylbenzene	ND	0.0250	1	04/20/26	04/21/26	
Toluene	ND	0.0250	1	04/20/26	04/21/26	
o-Xylene	ND	0.0250	1	04/20/26	04/21/26	
p,m-Xylene	ND	0.0500	1	04/20/26	04/21/26	
Total Xylenes	ND	0.0250	1	04/20/26	04/21/26	
Surrogate: 4-Bromochlorobenzene-PID	92.3 %	70-130		04/20/26	04/21/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2617009
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/20/26	04/21/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.1 %	70-130		04/20/26	04/21/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2617035
Diesel Range Organics (C10-C28)	ND	25.0	1	04/21/26	04/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/21/26	04/21/26	
Surrogate: n-Nonane	100 %	69-135		04/21/26	04/21/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2617031
Chloride	6020	100	5	04/20/26	04/20/26	



Sample Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported: 4/23/2026 11:44:23AM
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	

FS06-.5

E604212-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2617009
Benzene	ND	0.0250	1	04/20/26	04/21/26	
Ethylbenzene	ND	0.0250	1	04/20/26	04/21/26	
Toluene	ND	0.0250	1	04/20/26	04/21/26	
o-Xylene	ND	0.0250	1	04/20/26	04/21/26	
p,m-Xylene	ND	0.0500	1	04/20/26	04/21/26	
Total Xylenes	ND	0.0250	1	04/20/26	04/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.6 %	70-130		04/20/26	04/21/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2617009
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/20/26	04/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.4 %	70-130		04/20/26	04/21/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2617035
Diesel Range Organics (C10-C28)	ND	25.0	1	04/21/26	04/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/21/26	04/21/26	
<i>Surrogate: n-Nonane</i>						
	97.7 %	69-135		04/21/26	04/21/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2617031
Chloride	4780	100	5	04/20/26	04/20/26	



Sample Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported: 4/23/2026 11:44:23AM
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	

FS07-.5

E604212-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2617009
Benzene	ND	0.0250	1	04/20/26	04/21/26	
Ethylbenzene	ND	0.0250	1	04/20/26	04/21/26	
Toluene	ND	0.0250	1	04/20/26	04/21/26	
o-Xylene	ND	0.0250	1	04/20/26	04/21/26	
p,m-Xylene	ND	0.0500	1	04/20/26	04/21/26	
Total Xylenes	ND	0.0250	1	04/20/26	04/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.6 %	70-130		04/20/26	04/21/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2617009
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/20/26	04/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.6 %	70-130		04/20/26	04/21/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2617035
Diesel Range Organics (C10-C28)	ND	25.0	1	04/21/26	04/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/21/26	04/21/26	
<i>Surrogate: n-Nonane</i>						
	101 %	69-135		04/21/26	04/21/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2617031
Chloride	7660	200	10	04/20/26	04/20/26	



Sample Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported: 4/23/2026 11:44:23AM
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	

FS08-.5

E604212-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2617009
Benzene	ND	0.0250	1	04/20/26	04/21/26	
Ethylbenzene	ND	0.0250	1	04/20/26	04/21/26	
Toluene	ND	0.0250	1	04/20/26	04/21/26	
o-Xylene	ND	0.0250	1	04/20/26	04/21/26	
p,m-Xylene	ND	0.0500	1	04/20/26	04/21/26	
Total Xylenes	ND	0.0250	1	04/20/26	04/21/26	
Surrogate: 4-Bromochlorobenzene-PID	95.3 %	70-130		04/20/26	04/21/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2617009
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/20/26	04/21/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID	96.1 %	70-130		04/20/26	04/21/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2617035
Diesel Range Organics (C10-C28)	ND	25.0	1	04/21/26	04/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/21/26	04/21/26	
Surrogate: n-Nonane	98.4 %	69-135		04/21/26	04/21/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2617031
Chloride	5180	100	5	04/20/26	04/20/26	



Sample Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported: 4/23/2026 11:44:23AM
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	

FS09-.5

E604212-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2617009
Benzene	ND	0.0250	1	04/20/26	04/21/26	
Ethylbenzene	ND	0.0250	1	04/20/26	04/21/26	
Toluene	ND	0.0250	1	04/20/26	04/21/26	
o-Xylene	ND	0.0250	1	04/20/26	04/21/26	
p,m-Xylene	ND	0.0500	1	04/20/26	04/21/26	
Total Xylenes	ND	0.0250	1	04/20/26	04/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.5 %	70-130		04/20/26	04/21/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2617009
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/20/26	04/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.6 %	70-130		04/20/26	04/21/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2617035
Diesel Range Organics (C10-C28)	ND	25.0	1	04/21/26	04/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/21/26	04/21/26	
<i>Surrogate: n-Nonane</i>						
	106 %	69-135		04/21/26	04/21/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2617031
Chloride	5980	100	5	04/20/26	04/20/26	



Sample Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported: 4/23/2026 11:44:23AM
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	

FS10.5

E604212-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2617009
Benzene	ND	0.0250	1	04/20/26	04/21/26	
Ethylbenzene	ND	0.0250	1	04/20/26	04/21/26	
Toluene	ND	0.0250	1	04/20/26	04/21/26	
o-Xylene	ND	0.0250	1	04/20/26	04/21/26	
p,m-Xylene	ND	0.0500	1	04/20/26	04/21/26	
Total Xylenes	ND	0.0250	1	04/20/26	04/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.1 %	70-130		04/20/26	04/21/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2617009
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/20/26	04/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.8 %	70-130		04/20/26	04/21/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2617035
Diesel Range Organics (C10-C28)	ND	25.0	1	04/21/26	04/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/21/26	04/21/26	
<i>Surrogate: n-Nonane</i>						
	107 %	69-135		04/21/26	04/21/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2617031
Chloride	4090	40.0	2	04/20/26	04/20/26	



Sample Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported: 4/23/2026 11:44:23AM
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	

FS11-.5

E604212-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2617009
Benzene	ND	0.0250	1	04/20/26	04/21/26	
Ethylbenzene	ND	0.0250	1	04/20/26	04/21/26	
Toluene	ND	0.0250	1	04/20/26	04/21/26	
o-Xylene	ND	0.0250	1	04/20/26	04/21/26	
p,m-Xylene	ND	0.0500	1	04/20/26	04/21/26	
Total Xylenes	ND	0.0250	1	04/20/26	04/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.6 %	70-130		04/20/26	04/21/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2617009
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/20/26	04/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.8 %	70-130		04/20/26	04/21/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2617035
Diesel Range Organics (C10-C28)	ND	25.0	1	04/21/26	04/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/21/26	04/21/26	
<i>Surrogate: n-Nonane</i>						
	105 %	69-135		04/21/26	04/21/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2617031
Chloride	4340	40.0	2	04/20/26	04/20/26	



Sample Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported: 4/23/2026 11:44:23AM
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	

FS12-.5

E604212-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2617009
Benzene	ND	0.0250	1	04/20/26	04/21/26	
Ethylbenzene	ND	0.0250	1	04/20/26	04/21/26	
Toluene	ND	0.0250	1	04/20/26	04/21/26	
o-Xylene	ND	0.0250	1	04/20/26	04/21/26	
p,m-Xylene	ND	0.0500	1	04/20/26	04/21/26	
Total Xylenes	ND	0.0250	1	04/20/26	04/21/26	
Surrogate: 4-Bromochlorobenzene-PID	92.1 %	70-130		04/20/26	04/21/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2617009
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/20/26	04/21/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.0 %	70-130		04/20/26	04/21/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2617035
Diesel Range Organics (C10-C28)	65.6	25.0	1	04/21/26	04/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/21/26	04/21/26	
Surrogate: n-Nonane	101 %	69-135		04/21/26	04/21/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2617031
Chloride	12200	200	10	04/20/26	04/20/26	



Sample Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported: 4/23/2026 11:44:23AM
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	

FS13-.5
E604212-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2617009
Benzene	ND	0.0250	1	04/20/26	04/21/26	
Ethylbenzene	ND	0.0250	1	04/20/26	04/21/26	
Toluene	ND	0.0250	1	04/20/26	04/21/26	
o-Xylene	ND	0.0250	1	04/20/26	04/21/26	
p,m-Xylene	ND	0.0500	1	04/20/26	04/21/26	
Total Xylenes	ND	0.0250	1	04/20/26	04/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.6 %	70-130		04/20/26	04/21/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2617009
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/20/26	04/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.7 %	70-130		04/20/26	04/21/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2617035
Diesel Range Organics (C10-C28)	ND	25.0	1	04/21/26	04/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/21/26	04/21/26	
<i>Surrogate: n-Nonane</i>						
	105 %	69-135		04/21/26	04/21/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2617031
Chloride	4650	100	5	04/20/26	04/20/26	



Sample Data

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

Project Name: Biggers Federal East TB
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
4/23/2026 11:44:23AM

FS14-.5

E604212-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2617009
Benzene	ND	0.0250	1	04/20/26	04/21/26	
Ethylbenzene	ND	0.0250	1	04/20/26	04/21/26	
Toluene	ND	0.0250	1	04/20/26	04/21/26	
o-Xylene	ND	0.0250	1	04/20/26	04/21/26	
p,m-Xylene	ND	0.0500	1	04/20/26	04/21/26	
Total Xylenes	ND	0.0250	1	04/20/26	04/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.1 %	70-130		04/20/26	04/21/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2617009
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/20/26	04/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.8 %	70-130		04/20/26	04/21/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2617035
Diesel Range Organics (C10-C28)	ND	25.0	1	04/21/26	04/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/21/26	04/21/26	
<i>Surrogate: n-Nonane</i>						
	103 %	69-135		04/21/26	04/21/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2617031
Chloride	4720	100	5	04/20/26	04/21/26	



Sample Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported: 4/23/2026 11:44:23AM
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	

FS15-.5

E604212-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2617009
Benzene	ND	0.0250	1	04/20/26	04/21/26	
Ethylbenzene	ND	0.0250	1	04/20/26	04/21/26	
Toluene	ND	0.0250	1	04/20/26	04/21/26	
o-Xylene	ND	0.0250	1	04/20/26	04/21/26	
p,m-Xylene	ND	0.0500	1	04/20/26	04/21/26	
Total Xylenes	ND	0.0250	1	04/20/26	04/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.0 %	70-130		04/20/26	04/21/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2617009
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/20/26	04/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.6 %	70-130		04/20/26	04/21/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2617035
Diesel Range Organics (C10-C28)	ND	25.0	1	04/21/26	04/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/21/26	04/21/26	
<i>Surrogate: n-Nonane</i>						
	104 %	69-135		04/21/26	04/21/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2617031
Chloride	4070	40.0	2	04/20/26	04/21/26	



QC Summary Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/23/2026 11:44:23AM

Volatile Organics by EPA 8021B

Analyst: SL

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

Blank (2617009-BLK1)

Prepared: 04/20/26 Analyzed: 04/21/26

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	7.78		8.00		97.3	70-130			

LCS (2617009-BS1)

Prepared: 04/20/26 Analyzed: 04/21/26

Benzene	5.47	0.0250	5.00		109	70-130			
Ethylbenzene	5.18	0.0250	5.00		104	70-130			
Toluene	5.37	0.0250	5.00		107	70-130			
o-Xylene	5.15	0.0250	5.00		103	70-130			
p,m-Xylene	10.5	0.0500	10.0		105	70-130			
Total Xylenes	15.7	0.0250	15.0		104	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.40		8.00		92.6	70-130			

Matrix Spike (2617009-MS1)

Source: E604212-06

Prepared: 04/20/26 Analyzed: 04/21/26

Benzene	5.22	0.0250	5.00	ND	104	70-130			
Ethylbenzene	4.93	0.0250	5.00	ND	98.6	70-130			
Toluene	5.12	0.0250	5.00	ND	102	70-130			
o-Xylene	4.93	0.0250	5.00	ND	98.7	70-130			
p,m-Xylene	10.0	0.0500	10.0	ND	100	70-130			
Total Xylenes	14.9	0.0250	15.0	ND	99.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.75		8.00		96.8	70-130			

Matrix Spike Dup (2617009-MSD1)

Source: E604212-06

Prepared: 04/20/26 Analyzed: 04/21/26

Benzene	5.31	0.0250	5.00	ND	106	70-130	1.78	20	
Ethylbenzene	5.03	0.0250	5.00	ND	101	70-130	2.08	20	
Toluene	5.22	0.0250	5.00	ND	104	70-130	1.92	20	
o-Xylene	5.03	0.0250	5.00	ND	101	70-130	1.94	20	
p,m-Xylene	10.2	0.0500	10.0	ND	102	70-130	2.26	20	
Total Xylenes	15.3	0.0250	15.0	ND	102	70-130	2.16	20	
Surrogate: 4-Bromochlorobenzene-PID	7.70		8.00		96.2	70-130			



QC Summary Data

Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Biggers Federal East TB Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 4/23/2026 11:44:23AM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2617009-BLK1)

Prepared: 04/20/26 Analyzed: 04/21/26

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

LCS (2617009-BS2)

Prepared: 04/20/26 Analyzed: 04/21/26

Gasoline Range Organics (C6-C10)	56.3	20.0	50.0		113	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.76		8.00		97.0	70-130			

Matrix Spike (2617009-MS2)

Source: E604212-06

Prepared: 04/20/26 Analyzed: 04/21/26

Gasoline Range Organics (C6-C10)	54.8	20.0	50.0	ND	110	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		8.00		95.8	70-130			

Matrix Spike Dup (2617009-MSD2)

Source: E604212-06

Prepared: 04/20/26 Analyzed: 04/21/26

Gasoline Range Organics (C6-C10)	54.6	20.0	50.0	ND	109	60-137	0.325	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.69		8.00		96.1	70-130			



QC Summary Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/23/2026 11:44:23AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

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

Blank (2617035-BLK1) Prepared: 04/21/26 Analyzed: 04/21/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.2		50.0		100	69-135			

LCS (2617035-BS1) Prepared: 04/21/26 Analyzed: 04/21/26

Diesel Range Organics (C10-C28)	241	25.0	250		96.4	70-131			
Surrogate: n-Nonane	49.0		50.0		98.0	69-135			

Matrix Spike (2617035-MS1) Source: E604212-02 Prepared: 04/21/26 Analyzed: 04/21/26

Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.9	62-151			
Surrogate: n-Nonane	50.8		50.0		102	69-135			

Matrix Spike Dup (2617035-MSD1) Source: E604212-02 Prepared: 04/21/26 Analyzed: 04/21/26

Diesel Range Organics (C10-C28)	243	25.0	250	ND	97.4	62-151	1.59	20	
Surrogate: n-Nonane	50.1		50.0		100	69-135			



QC Summary Data

Matador Production Company	Project Name:	Biggers Federal East TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/23/2026 11:44:23AM

Anions by EPA 300.0/9056A

Analyst: RAS

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

Blank (2617031-BLK1)					Prepared: 04/20/26 Analyzed: 04/20/26				
Chloride	ND	20.0							
LCS (2617031-BS1)					Prepared: 04/20/26 Analyzed: 04/20/26				
Chloride	260	20.0	250		104	90-110			
Matrix Spike (2617031-MS1)					Source: E604212-02		Prepared: 04/20/26 Analyzed: 04/20/26		
Chloride	4570	40.0	250	4320	101	80-120			
Matrix Spike Dup (2617031-MSD1)					Source: E604212-02		Prepared: 04/20/26 Analyzed: 04/20/26		
Chloride	4710	40.0	250	4320	159	80-120	3.10	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:	Biggers Federal East TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	04/23/26 11:44

- 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.



Client Information				Invoice Information		Lab Use Only		TAT		State							
Client: Matador				Company: Ensolum LLC		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX		
Project Name: Biggers Federal East TB				Address: 3122 National Parks Hwy		E 604212	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	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA
0900	4/16/2026	S	1	FS01-.5		1							X		1.4		
0910	4/16/2026	S	1	FS02-.5		2							X		1.0		
0911	4/16/2026	S	1	FS03-.5		3							X		1.2		
0915	4/16/2026	S	1	FS04-.5		4							X		1.0		
0919	4/16/2026	S	1	FS05-.5		5							X		2.5		
0933	4/16/2026	S	1	FS06-.5		6							X		1.0		
0940	4/16/2026	S	1	FS07-.5		7							X		1.3		
0942	4/16/2026	S	1	FS08-.5		8							X		1.1		
0951	4/16/2026	S	1	FS09-.5		9							X		1.9		
1000	4/16/2026	S	1	FS10.5		10							X		1.3		
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com																	
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																	
Sampled by: Eric Plugge																	
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					
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							
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				Company: Ensolum LLC		Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Biggers Federal East TB				Address: 3122 National Parks Hwy		E604212		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	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA
															Compliance	Y	or N
															PWSID #		
															Sample Temp		Remarks
1010	4/16/2026	S	1	FS11-.5		11							X		0.2		
1011	4/16/2026	S	1	FS12-.5		12							X		0.3		
1017	4/16/2026	S	1	FS13-.5		13							X		1.1		
1030	4/16/2026	S	1	FS14-.5		14							X		1.1		
1045	4/16/2026	S	1	FS15-.5		15							X		1.4		
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com																	
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																	
Sampled by: Eric Plugge																	
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.									
[Signature]		4-16-26	1400	Michelle Gonzales		4-17-26	0700										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time										
Michelle Gonzales		4-17-26	1350	Mariassa Gonzales		4-17-26	1350										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time										
Mariassa Gonzales		4-17-26	1930	Johnny Archuleta		4-17-26	1930										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time										
Johnny Archuleta		4-17-26	0000	Noe Soto		4-20-26	0615										
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: 4/20/2026 9:58:38AM

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:	04/20/26 06:15	Work Order ID:	E604212
Phone:	(972) 371-5200	Date Logged In:	04/17/26 16:19	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	04/24/26 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.



APPENDIX E

NMOCD Correspondence

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 558734

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 558734
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	Biggers Federal East TB
Date Release Discovered	02/27/2026
Surface Owner	Federal

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 Pump Produced Water Released: 16 BBL Recovered: 3 BBL Lost: 13 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 558734

QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 558734
	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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ACKNOWLEDGMENTS

Action 558734

ACKNOWLEDGMENTS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 558734
	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 558734

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 558734
	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.	2/27/2026

Impacted Soil (Pooled)	
Saturated Soil (inches)	
	1
Area (sq. ft.)	
	4296
Standing fluids	
inches of standing fluid	
	0
bbl estimate of standing fluids	
barrels recovered (if known)	
	3
Soil type	
	pad caliche
Spill type	
	produced water
Barrel estimate in soil	
	12.8
Barrel estimate (standing fluids/ recovered+in soil)	
	15.8

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QUESTIONS

Action 559104

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 559104
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2605855913
Incident Name	NAPP2605855913 BIGGERS FEDERAL EAST TB @ O-18-25S-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	Biggers Federal East TB
Date Release Discovered	02/27/2026
Surface Owner	Federal

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 Pump Produced Water Released: 16 BBL Recovered: 3 BBL Lost: 13 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 559104

QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 559104
	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: 03/02/2026
--	--

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QUESTIONS, Page 3

Action 559104

QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 559104
	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)	Not answered.
What method was used to determine the depth to ground water	Not answered.
Did this release impact groundwater or surface water	Not answered.
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Not answered.
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Not answered.
An occupied permanent residence, school, hospital, institution, or church	Not answered.
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Not answered.
Any other fresh water well or spring	Not answered.
Incorporated municipal boundaries or a defined municipal fresh water well field	Not answered.
A wetland	Not answered.
A subsurface mine	Not answered.
An (non-karst) unstable area	Not answered.
Categorize the risk of this well / site being in a karst geology	Not answered.
A 100-year floodplain	Not answered.
Did the release impact areas not on an exploration, development, production, or storage site	Not answered.

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 559104

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 559104
	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 05/29/2026.	3/4/2026

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QUESTIONS

Action 572716

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 572716
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2605855913
Incident Name	NAPP2605855913 BIGGERS FEDERAL EAST TB @ O-18-25S-35E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	BIGGERS FEDERAL EAST TB
Date Release Discovered	02/27/2026
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	5,902
What is the estimated number of samples that will be gathered	30
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/13/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Eric Plugg @ (832) 525-6234
Please provide any information necessary for navigation to sampling site	32.12464,-103.40571

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Phone: (505) 476-3441

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Phone: (505) 629-6116

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CONDITIONS

Action 572716

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 572716
	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.	4/8/2026
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.	4/8/2026

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QUESTIONS

Action 572722

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 572722
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2605855913
Incident Name	NAPP2605855913 BIGGERS FEDERAL EAST TB @ O-18-25S-35E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	BIGGERS FEDERAL EAST TB
Date Release Discovered	02/27/2026
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	5,902
What is the estimated number of samples that will be gathered	30
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/14/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Eric Plugg @ (832) 525-6234
Please provide any information necessary for navigation to sampling site	32.12464,-103.40571

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CONDITIONS

Action 572722

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 572722
	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.	4/8/2026
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.	4/8/2026

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QUESTIONS

Action 572726

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 572726
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2605855913
Incident Name	NAPP2605855913 BIGGERS FEDERAL EAST TB @ O-18-25S-35E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	BIGGERS FEDERAL EAST TB
Date Release Discovered	02/27/2026
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	5,902
What is the estimated number of samples that will be gathered	30
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/15/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Eric Plugg @ (832) 525-6234
Please provide any information necessary for navigation to sampling site	32.12464,-103.40571

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CONDITIONS

Action 572726

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 572726
	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.	4/8/2026
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.	4/8/2026

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QUESTIONS

Action 572728

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 572728
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2605855913
Incident Name	NAPP2605855913 BIGGERS FEDERAL EAST TB @ O-18-25S-35E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	BIGGERS FEDERAL EAST TB
Date Release Discovered	02/27/2026
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	5,902
What is the estimated number of samples that will be gathered	30
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/16/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Eric Plugg @ (832) 525-6234
Please provide any information necessary for navigation to sampling site	32.12464,-103.40571

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CONDITIONS

Action 572728

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 572728
	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.	4/8/2026
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.	4/8/2026

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QUESTIONS

Action 574314

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 574314
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2605855913
Incident Name	NAPP2605855913 BIGGERS FEDERAL EAST TB @ O-18-25S-35E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	BIGGERS FEDERAL EAST TB
Date Release Discovered	02/27/2026
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	30
What is the estimated number of samples that will be gathered	5,902
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/17/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Eric Plugg @ (832) 525-6234
Please provide any information necessary for navigation to sampling site	32.12464,-103.40571

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CONDITIONS

Action 574314

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 574314
	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.	4/13/2026
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.	4/13/2026

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QUESTIONS

Action 587504

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 587504
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2605855913
Incident Name	NAPP2605855913 BIGGERS FEDERAL EAST TB @ O-18-25S-35E
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received

Location of Release Source

Please answer all the questions in this group.

Site Name	BIGGERS FEDERAL EAST TB
Date Release Discovered	02/27/2026
Surface Owner	Federal

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 Pump Produced Water Released: 16 BBL Recovered: 3 BBL Lost: 13 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 587504

QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 587504
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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: 05/21/2026
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QUESTIONS, Page 3

Action 587504

QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 587504
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)
Any other fresh water well or spring	Between 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	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<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)	24400
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	66
GRO+DRO (EPA SW-846 Method 8015M)	66
BTEX (EPA SW-846 Method 8021B or 8260B)	0
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	04/14/2026
On what date will (or did) the final sampling or liner inspection occur	04/16/2026
On what date will (or was) the remediation complete(d)	04/16/2026
What is the estimated surface area (in square feet) that will be reclaimed	1200
What is the estimated volume (in cubic yards) that will be reclaimed	22
What is the estimated surface area (in square feet) that will be remediated	5902
What is the estimated volume (in cubic yards) that will be remediated	114
<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 587504

QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 587504
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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	Northern Delaware Basin Disposal
(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: 05/21/2026
<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 587504

QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 587504
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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QUESTIONS, Page 6

Action 587504

QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 587504
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	574314
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/17/2026
What was the (estimated) number of samples that were to be gathered	5902
What was the sampling surface area in square feet	30

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	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	5902
What was the total volume (cubic yards) remediated	114
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	1200
What was the total volume (in cubic yards) reclaimed	22
Summarize any additional remediation activities not included by answers (above)	The release extent has been laterally defined to the strictest Closure Criteria per NMOCD Table I by delineation soil samples SS01 through SS15, collected at depths ranging from ground surface to 1-foot bgs, and vertically by boreholes BH01 through BH09, collected at depths between ground surface and 8 feet bgs. Excavation of the waste-containing soil area on- pad was completed, and excavation floor samples (FS01 through FS30), collected at 0.5 feet bgs, were all in compliance with the Site Closure Criteria.
<i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Jason Touchet Title: EHS Field Rep Email: jason.touchet@matadorresources.com Date: 05/21/2026

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Action 587504

QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 587504
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 587504

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 587504
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Remediation closure approved.	6/2/2026
michael.buchanan	A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	6/2/2026
michael.buchanan	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	6/2/2026
michael.buchanan	A revegetation report will not be accepted until revegetation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	6/2/2026
michael.buchanan	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures when revegetation is achieved.	6/2/2026
michael.buchanan	Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website.	6/2/2026