

January 2, 2025

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

Weinberger Federal Com #135 Well Pad Incident Number nAPP2430259679 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 Weinberger Federal Com #135 Well Pad (Site). The Site is located in Unit L, Section 30, Township 24 South, Range 36 East, in Lea County, New Mexico (32.18884°, -103.31024°) and is associated with oil and gas exploration and production operations on Private Land.

The purpose of the Site assessment and soil sampling activities was to assess for the presence or absence of impacts to soil following a release of crude oil. Based on field observations, field screening 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 nAPP2430259679.

#### **BACKGROUND**

On October 28, 2024, a choke manifold misalignment resulted in the release of approximately 34 barrels (bbls) of crude oil onto an off-pad area approximately 9,804 square feet in size; 20 bbls of crude oil were recovered via vacuum truck. Matador reported the release to the New Mexico Oil Conservation Division (NMOCD) via web portal on October 28, 2024, and the release was subsequently assigned Incident Number nAPP2430259679.

#### 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, CP-01919 POD1, located approximately 1.39 miles south of the Site. The well had a reported depth to groundwater greater than 101 feet below ground surface (bgs) and a total depth of 101 feet bgs. There are no regional or Site-specific hydrogeological conditions, such

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



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 560 feet southwest 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),TPH-diesel range organics (DRO) and (TPH)-oil range organics: 100 mg/kg
- Chloride: 600 mg/kg

A reclamation requirement of 600 mg/kg chloride and 100 mg/kg TPH was applied to the top 4 feet of the off-pad area that was impacted by the release, per NMAC 19.15.29.13.D (1) for the top 4 feet of areas that will be reclaimed following remediation.

#### SITE ASSESMENT AND DELINEATION SOIL SAMPLING ACTIVITIES

On October 30, 2024, Ensolum personnel were onsite to conduct lateral and vertical delineation sampling activities. Eight delineation soil samples (SS01 through SS08) were collected from around the release extent at ground surface to assess the lateral extent of release. Ensolum personnel returned to the Site on November 04, 2024, to advance three boreholes via hand auger within the release extent to assess the vertical extent of the release. Boreholes (BH01 through BH03) were all advanced to a depth of 2 feet bgs with the exception of borehole BH01, which was collected at ground surface. Discrete delineation soil samples were collected from each borehole and field screened for chloride utilizing Hach® chloride QuanTab® test strips and for volatile organic compounds (VOCs) using a calibrated Honeywell® photoionization detector (PID), respectively. Field screening results and observations for the boreholes were logged on lithologic/soil sampling logs, which are included in Appendix B. The delineation soil sample locations are depicted on Figure 2. Photographic documentation was completed during the Site visit and a photographic log is included as 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-ORO following EPA Method 8015M/D; and chloride following EPA Method 300.0.

On November 13, 2024, Ensolum personnel returned to the Site to advance boreholes BH01 through BH03 via backhoe. Three potholes were advanced in the vicinity of boreholes BH01 through BH03 to a depth of 3 feet bgs in potholes PH01 and PH03 and to a depth of 4 feet bgs in pothole PH02. Lateral



delineation soil sample (SS01 through SS03) and (SS06 through SS08) were recollected at ground surface.

#### LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for lateral delineation soil samples SS01 through SS08, collected around the release extent, indicated concentrations of TPH exceeded the reclamation requirement in every sample location except SS04 and SS05, which were both in compliance with the Site Closure Criteria and with the reclamation requirement at ground surface. Laboratory analytical results indicated TPH concentrations exceeded the Site Closure Criteria at ground surface in boreholes BH01 and BH02, and at 2 feet bgs in borehole BH03; laboratory analytical results indicated that chloride concentrations exceeded the Site Closure Criteria at ground surface in borehole BH01.

Laboratory analytical results for the vertical delineation soil samples collected from potholes PH01 through PH03 indicated all COC concentrations were in compliance with the Site Closure Criteria and with the strictest criteria at a depth of 3 feet bgs in potholes PH01 and PH03 and 4 feet bgs in pothole PH02. Laboratory analytical results for lateral delineation soil samples SS01A through SS03A and SS06A through SS08B were all incompliance with the Site Closure Criteria and with the reclamation requirement at ground surface. 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 December 10, 2024, impacted and waste-containing soil was excavated from the off-pad spill area as indicated by visible staining, field screening activities, and laboratory analytical results from delineation soil samples. Excavation activities were performed using a trackhoe 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 and waste-containing 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 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. Composite soil samples (FS01 through FS52) were collected from the floor of the excavation at depths ranging from 3 feet to 4.5 feet bgs. Confirmation sidewall soil samples (SW01 through SW10) were collected at depths ranging from ground surface to 4.5 feet bgs. 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 9,877 square feet. A total of approximately 1,640 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 FS52) indicated all COC concentrations were in compliance with the Site Closure Criteria at depth ranging from 3 feet to 4.5 feet bgs and with the reclamation requirement. Laboratory analytical results for confirmation side wall samples (SW01 though SW10) indicated that COC concentrations were all in compliance with the



reclamation requirement. Laboratory analytical results are summarized in Tables 2 and 3 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 SS003A, SS04, SS05, and SS06A through SS08B, collected at ground surface, and vertically by potholes PH01 through PH03, collected at depths between ground surface and 4 feet bgs. Excavation of the waste-containing soil area off pad was completed, and excavation floor samples (FS01 through FS52), collected at depths ranging from 3 feet to 4.5 feet bgs, and confirmation sidewall soil samples (SW01 through SW10), collected from ground surface to 4.5feet bgs, were all in compliance with the Site Closure Criteria and with the reclamation requirement.

Based on the remedial actions completed to date and a depth to groundwater greater than 101 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 nAPP2430259679.

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

Sincerely, **Ensolum, LLC** 

Ashley Giovengo Senior Scientist

Daniel R. Moir, PG (licensed in WY & TX) Senior Managing 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 Log and Record

Lithologic / Soil Sampling Logs Appendix B

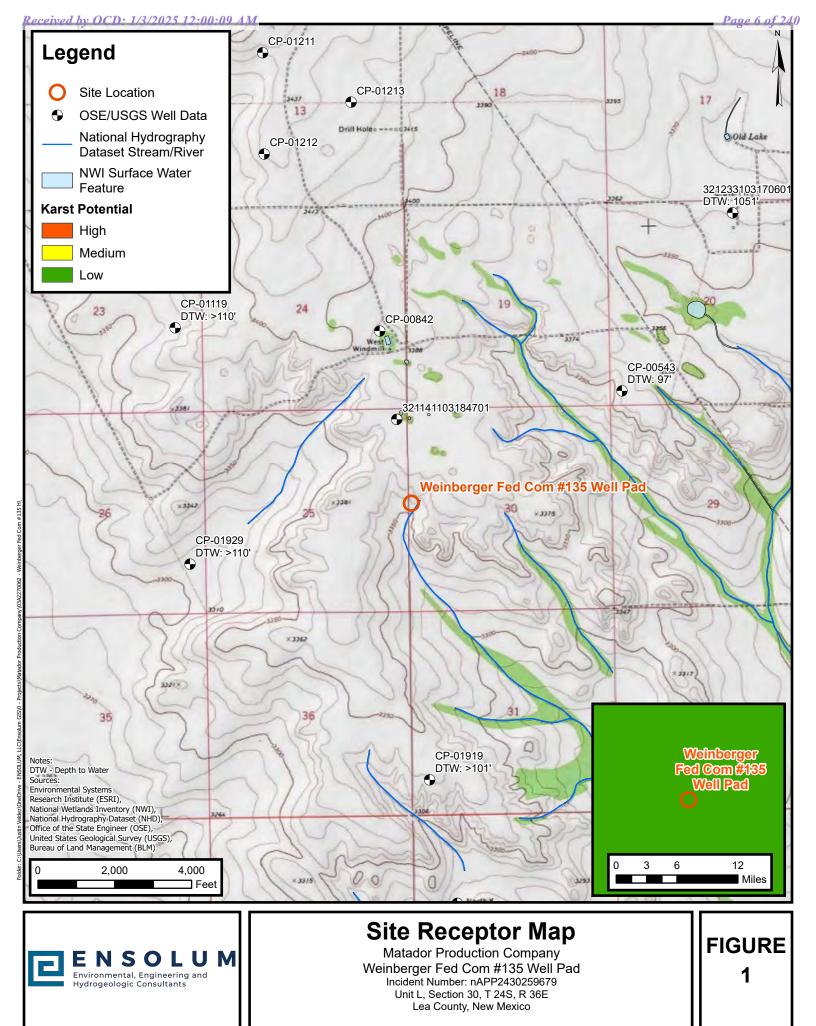
Appendix C Photographic Log

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

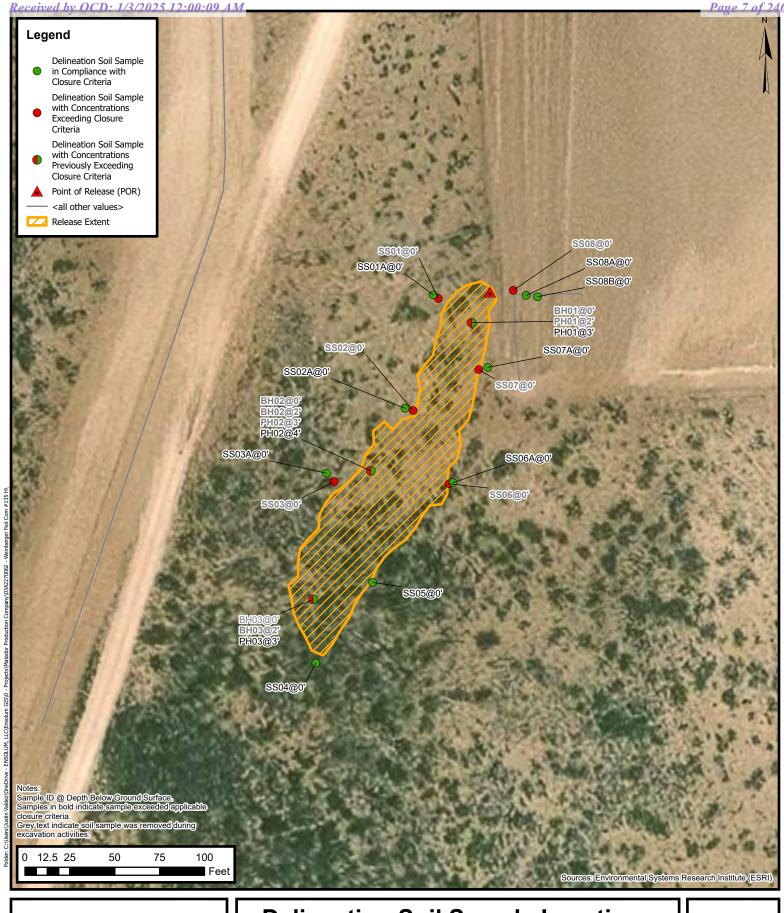
Appendix E **Email Correspondence** 



**FIGURES** 



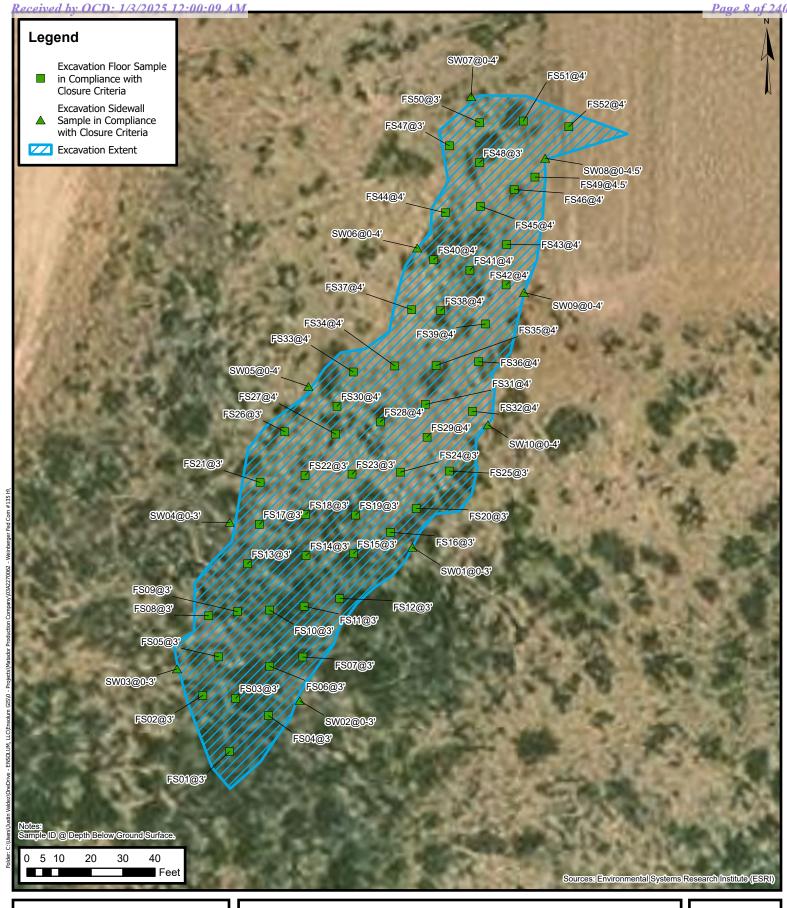
Released to Imaging: 3/28/2025 3:18:20 PM





#### **Delineation Soil Sample Locations**

Matador Production Company Weinberger Fed Com #135 Well Pad Incident Number: nAPP2430259679 Unit L, Section 30, T 24S, R 36E Lea County, New Mexico FIGURE 2





#### **Confirmation Soil Sample Locations**

Matador Production Company Weinberger Fed Com #135 Well Pad Incident Number: nAPP2430259679 Unit L, Section 30, T 24S, R 36E Lea County, New Mexico FIGURE 3

Released to Imaging: 3/28/2025 3:18:20 PM



**TABLES** 



#### TABLE 1

#### **SOIL SAMPLE ANALYTICAL RESULTS** Weinberger Federal Com #135 Well Pad Matador Production Company

	Lea County, New Mexico									
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
				Delin	eation Soil San	nples				
SS01	10/30/2024	0	< 0.0250	< 0.0500	<20.0	<25.0	116.0	<20.0	116	<20.0
SS01A	11/13/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<50.0	<20.0
SS02	10/30/2024	0	< 0.0250	< 0.0500	<20.0	<25.0	143.0	<20.0	143	23.1
SS02A	11/13/2024	0	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<50.0	<20.0
SS03	10/30/2024	0	< 0.0250	< 0.0500	<20.0	<25.0	128.0	<20.0	128	<20.0
SS03A	11/13/2024	0	<0.0250	<0.0500	<20.0	31.6	<50.0	31.6	31.6	<20.0
SS04	10/30/2024	0	<0.0250	<0.0500	<20.0	<25.0	80.8	<20.0	80.8	<20.0
SS05	10/30/2024	0	<0.0250	<0.0500	<20.0	<25.0	51.6	<20.0	51.6	<20.0
SS06	10/30/2024	0	< 0.0250	< 0.0500	<20.0	<25.0	138.0	<20.0	138	<20.0
SS06A	11/13/2024	0	< 0.0250	<0.0500	<20.0	35.0	<50.0	35.0	35.0	<20.0
SS07	10/30/2024	0	< 0.0250	<0.0500	<20.0	<25.0	457.0	<20.0	457	84.4
SS07A	11/13/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<50.0	29.7
SS08	10/30/2024	0	< 0.0250	< 0.0500	<20.0	32.3	87.7	32.3	120	115
SS08B	11/13/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<50.0	289
BH01	11/4/2024	0	< 0.0250	< 0.0500	<20.0	3,360	74.5	3,360	3,435	1,210
PH01	11/13/2024	2	< 0.0250	< 0.0500	<20.0	1,680	<50.0	1,680	1,680	164
PH01	11/13/2024	3	<0.0250	<0.0500	<20.0	50	<50.0	50	50	<20.0
BH02	11/4/2024	0	< 0.0250	0.296	<20.0	6,280	119	6,280	6,399	540
BH02	11/4/2024	2	2.71	12.1	169	16,300	257	16,300	16,726	1,330
PH02	11/13/2024	3	< 0.0250	< 0.0500	<20.0	251	<50.0	251	251	25
PH02	11/13/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<50.0	<20.0



#### **TABLE 1 - CONT'D**

#### **SOIL SAMPLE ANALYTICAL RESULTS**

Weinberger Federal Com #135 Well Pad Matador Production Company

				Lea	County, New Mit	KICU				
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
				Delir	neation Soil Sar	nples				
BH03	11/4/2024	0	0.107	0.134	<20.0	43.0	<50.0	43.0	43.0	25.5
BH03	11/4/2024	2	< 0.0250	< 0.0500	<20.0	268	<50.0	268	268	33.3
PH03	11/13/2024	3	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<20.0	<50.0	<20.0

#### Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

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

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

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



#### TABLE 2

### SOIL SAMPLE ANALYTICAL RESULTS Weinberger Federal Com #135 Well Pad Matador Production Company

					County, New Me					
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
				Excavat	ion Floor Soil S	Samples				
FS01	12/11/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS02	12/11/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS03	12/11/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS04	12/11/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS05	12/11/2024	3	<0.0250	<0.0500	<20.0	33.9	<50.0	33.9	<50.0	<20.0
FS06	12/11/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS07	12/11/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS08	12/11/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS09	12/12/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS10	12/12/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS11	12/12/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS12	12/12/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS13	12/12/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS14	12/12/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS15	12/12/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS16	12/12/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS17	12/12/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS18	12/12/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS19	12/12/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS20	12/13/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	27.2
FS21	12/12/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS22	12/12/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS23	12/12/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS24	12/12/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS25	12/13/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS26	12/12/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	41.0
FS27	12/13/2024	4	<0.0250	<0.0500	<20.0	27.2	<50.0	27.2	27.2	<20.0
FS28	12/13/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS29	12/13/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS30	12/13/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	33.5
FS31	12/13/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0

Released to Imaging: 3/28/2025 3:18:20 PM



#### **TABLE 2 - CONT'D**

#### **SOIL SAMPLE ANALYTICAL RESULTS**

Weinberger Federal Com #135 Well Pad **Matador Production Company** 

Lea County,	<b>New Mexico</b>
-------------	-------------------

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
				Excavat	tion Floor Soil S	Samples				
FS32	12/13/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS33	12/13/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	20.8
FS34	12/13/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS35	12/13/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS36	12/13/2024	4	<0.0250	<0.0500	<20.0	35.1	<50.0	35.1	35.1	<20.0
FS37	12/16/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	23.7
FS38	12/13/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS39	12/13/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS40	12/16/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	131
FS41	12/16/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	28.5
FS42	12/16/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	38.3
FS43	12/16/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS44	12/16/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS45	12/16/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS46	12/16/2024	4	<0.0250	<0.0500	<20.0	95.5	<50.0	95.5	95.5	39.9
FS47	12/16/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	29.2
FS48	12/16/2024	3	<0.0250	<0.0500	<20.0	35.1	<50.0	35.1	35.1	46.7
FS49	12/16/2024	4.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS50	12/16/2024	3	<0.0250	<0.0500	<20.0	48.9	<50.0	48.9	48.9	28.5
FS51	12/16/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	32.1
FS52	12/16/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	80.6

#### Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

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

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

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



#### TABLE 3

#### **SOIL SAMPLE ANALYTICAL RESULTS**

Weinberger Federal Com #135 Well Pad Matador Production Company

Lea County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria (	(NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
				Sid	ewall Soil Samp	oles				
SW01	12/13/2024	0-3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW02	12/13/2024	0-3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW03	12/13/2024	0-3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW04	12/13/2024	0-3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW05	12/16/2024	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW06	12/16/2024	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW07	12/16/2024	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	33.3
SW08	12/17/2024	0-4.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW09	12/16/2024	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW10	12/16/2024	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	34.0

#### Notes:

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

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

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

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

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



**APPENDIX A** 

Well Log and Record



NO	OSE POD NO. (W POD-1	ELL NO.			WELL TAG ID NO n/a	0.		OSE FILE NO( CP-1919	S).				
OCATI	WELL OWNER M Ameredev Op		, LLC					PHONE (OPTIONAL) 737-300-4700					
WELL I	WELL OWNER MAILING ADDRESS 2901 Via Fortuna Suite 600							CITY Austin		STATE TX	78746	ZIP	
GENERAL AND WELL LOCATION	WELL LOCATION (FROM GPS)	CATION LATITUDE		32 103	10 8.46 <sub>N</sub> • ACC				REQUIRED: ONE TEN	TH OF A S	ECOND		
1. GENE	DESCRIPTION I	RELATIN	G WELL LOCATION TO S R36S NMPM			- 111		SS (SECTION, TO	WNSHJIP, RANGE) WH	ERE AVA	ILABLE		
	LICENSE NO. 1249		NAME OF LICENSED		ackie D. Atkin	ıs			NAME OF WELL DR Atkins Eng		OMPANY Associates, In	ıc.	
	DRILLING STAR 9/20/22	2000	DRILLING ENDED 9/20/2022		PLETED WELL ( ary well mater			LE DEPTH (FT) ±101	DEPTH WATER FIRE	ST ENCOU			
z	COMPLETED W	ELL IS:	ARTESIAN	✓ DRY HOLE	E SHALL	OW (UNCO	NFINED)		WATER LEVEL PLETED WELL n	/a I	9/26/2		
MATIO	DRILLING FLUI		AIR ROTARY HAMI	MUD MER CABL	ADDITI	IVES - SPEC		Hollow Stem	Auger CHECK	HERE IF	PITLESS ADAP	TER IS	
2. DRILLING & CASING INFORMATION		DEPTH (feet bgl) BORE HOLE		(include each casing string, and			CON	ASING NECTION TYPE	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)		SLOT SIZE (inches	
ING & CA	0	101	±6.25"		Boring-HSA	,	(add coup	oling diameter)			-	-	
2. DRILL									OSE OU SEF	30 20	<del>)22 •=1:2</del> 7	1	
T	DEPTH (fee	1.5	BORE HOLE DIAM. (inches)		T ANNULAR S				AMOUNT (cubic feet)		METHO! PLACEM		
ANNULAR MATERIAL	FROM	то											
3. ANNUI													
	OSE INTERNA	L USE	1		PODN	10 1		WR-2	WELL RECORD	& LOG(	Version 01/2	3/2022)	
_	NO. CY -		36€. 31	132		. ·		WELL TAG I	10010		PAGE	OF 2	

	DEPTH (f	eet bgl)		COLOR AND TYPE OF MATERIAL ENCOUNTERED -		WATER	ESTIMATED YIELD FOR
	FROM	то	THICKNESS (feet)	INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZO.  (attach supplemental sheets to fully describe all units)	NES	BEARING? (YES / NO)	WATER- BEARING ZONES (gpm)
1	0	7	7	Caliche, with sand, White / Brown		Y ✓N	
1	7	30	23	Sand, very fine-grained, poorly graded, with caliche, White		Y /N	
1	30	101	71	Sand, fine-grained, poorly graded, slight cemented layers, Tan	1	Y ✓N	
1						Y N	
Ì						Y N	
						Y N	
Ì						Y N	
1						Y N	100
t						Y N	
t						Y N	
t						Y N	
1						Y N	
ł						Y N	
1						Y N	
1						Y N	
Ì						Y N	
1						Y N	
ł						Y N	
1						Y N	
1						Y N	
1						Y N	
1	METHOD U	SED TO E	STIMATE YIELD	OF WATER-BEARING STRATA:	72,000	AL ESTIMATED	2/32
	PUM	P D	AIR LIFT	BAILER OTHER - SPECIFY:	WEI	LL YIELD (gpm):	0.00
	WELL TES	T TEST	RESULTS - ATT	ACH A COPY OF DATA COLLECTED DURING WELL TESTING, ME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN	INCLUDI OVER TH	NG DISCHARGE N E TESTING PERIO	METHOD, D.
	MISCELLA	NEOUS IN	bo	emporary well material removed and soil boring backfilled using low ground surface(bgs), then hydrated bentonite chips ten feet FW-01	bgs to su	tings from total de irface.	
	PRINT NAM			VISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL C	CONSTRU	CTION OTHER TH	AN LICENSE
	CORRECT	RECORD (	OF THE ABOVE I	TIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND EDESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WEI DAYS AFTER COMPLETION OF WELL DRILLING:	BELIEF, T	THE FOREGOING I	S A TRUE AN
	Jack 1	Atkins		Jackie D. Atkins		9/29/2022	
		SIGNA	TURE OF DRILLI	ER / PRINT SIGNEE NAME		DATE	
OF	OSE INTER	NAL USE	0	WR-20	WELL RE	CORD & LOG (Ver	rsion 01/28/202
	ENO. CP		0	POD NO. \ TRN NO	-	3737	
00	CATION	LIS	310F 3	133 WELL TAG ID	NO		PAGE 2 OF

Mike A. Hamman, P.E. State Engineer



Roswell Office 1900 WEST SECOND STREET ROSWELL, NM 88201

#### STATE OF NEW MEXICO OFFICE OF THE STATE ENGINEER

Trn Nbr: 733737 File Nbr: CP 01919

Well File Nbr: CP 01919 POD1

Oct. 04, 2022

ANDREW PARKER
AMEREDEV OPERATING, LLC
2901 VIA FORTUNA SUITE 600
AUSTIN, TX 78746

#### Greetings:

The above numbered permit was issued in your name on 09/12/2022.

The Well Record was received in this office on 09/30/2022, stating that it had been completed on 09/20/2022, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 09/12/2023.

If you have any questions, please feel free to contact us.

Clemetal

Sincerely,

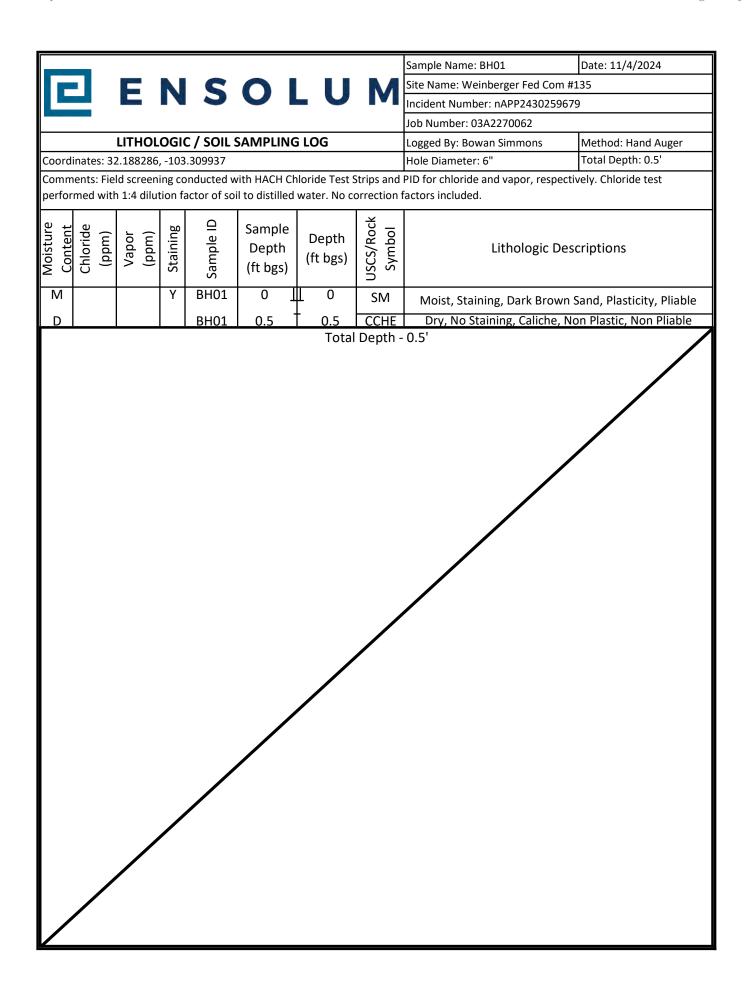
Vanessa Clements (575)622-6521

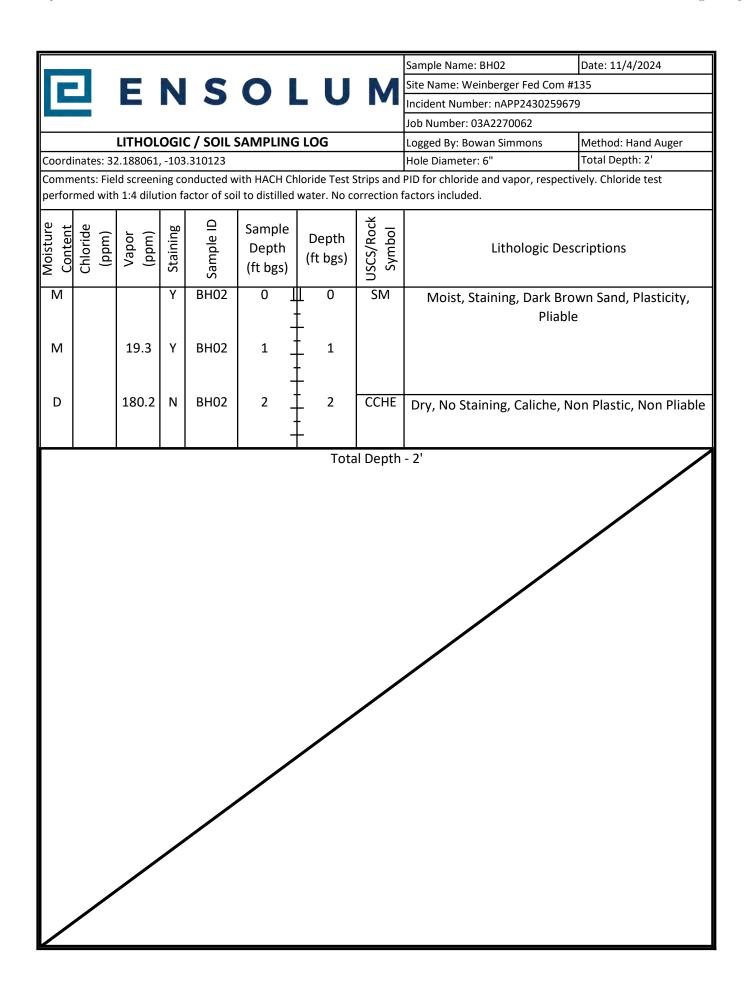
drywel1

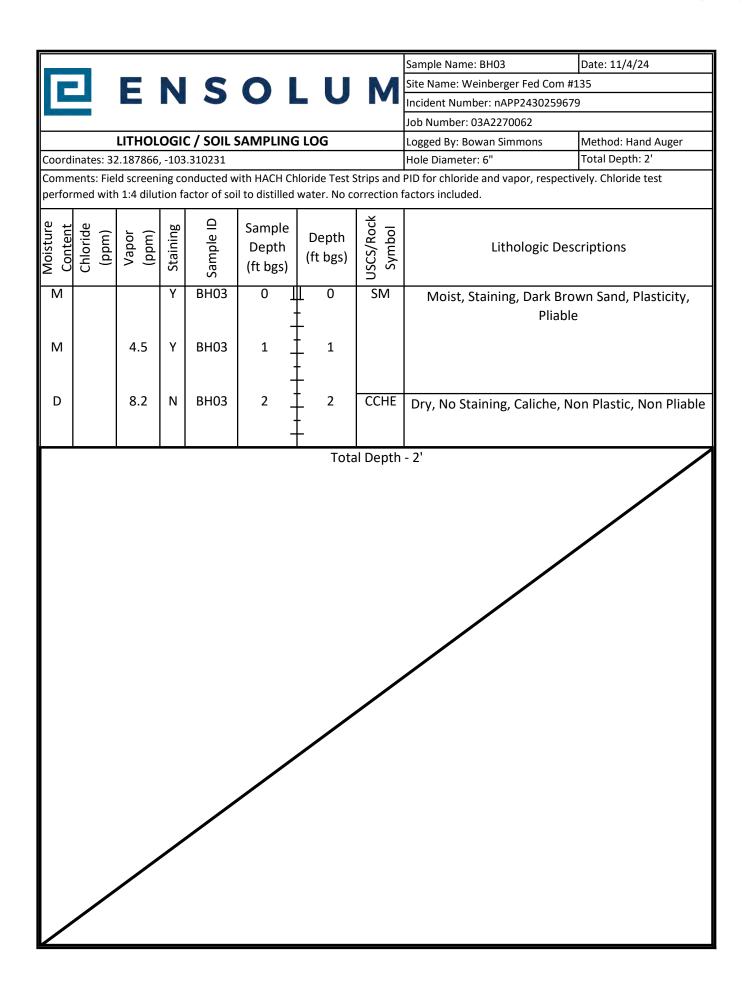


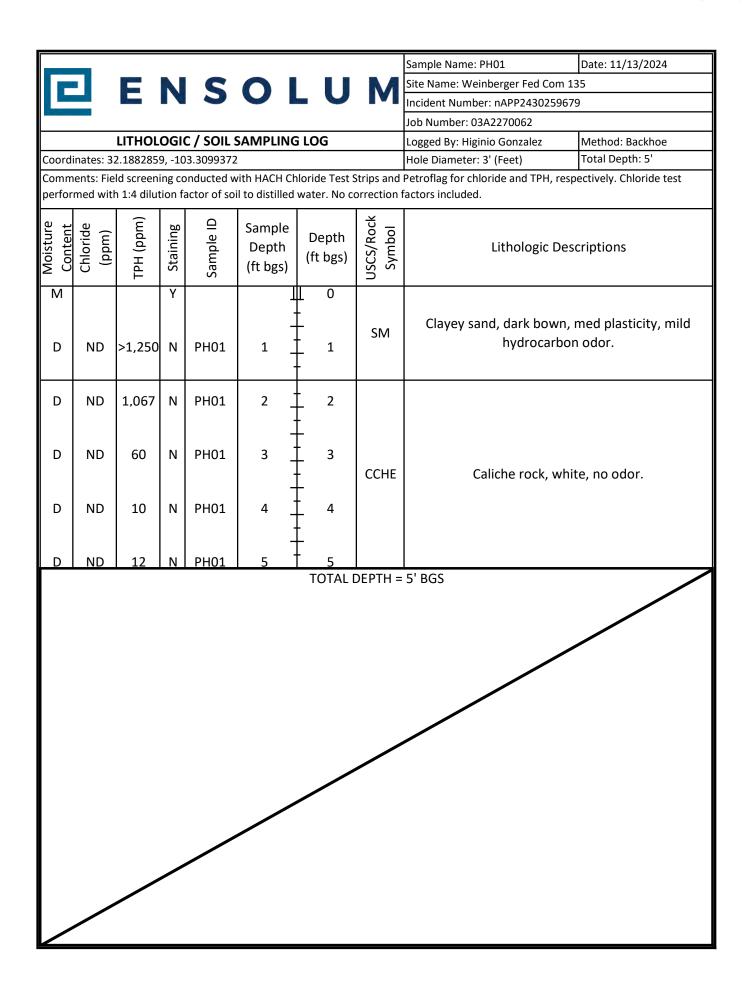
**APPENDIX B** 

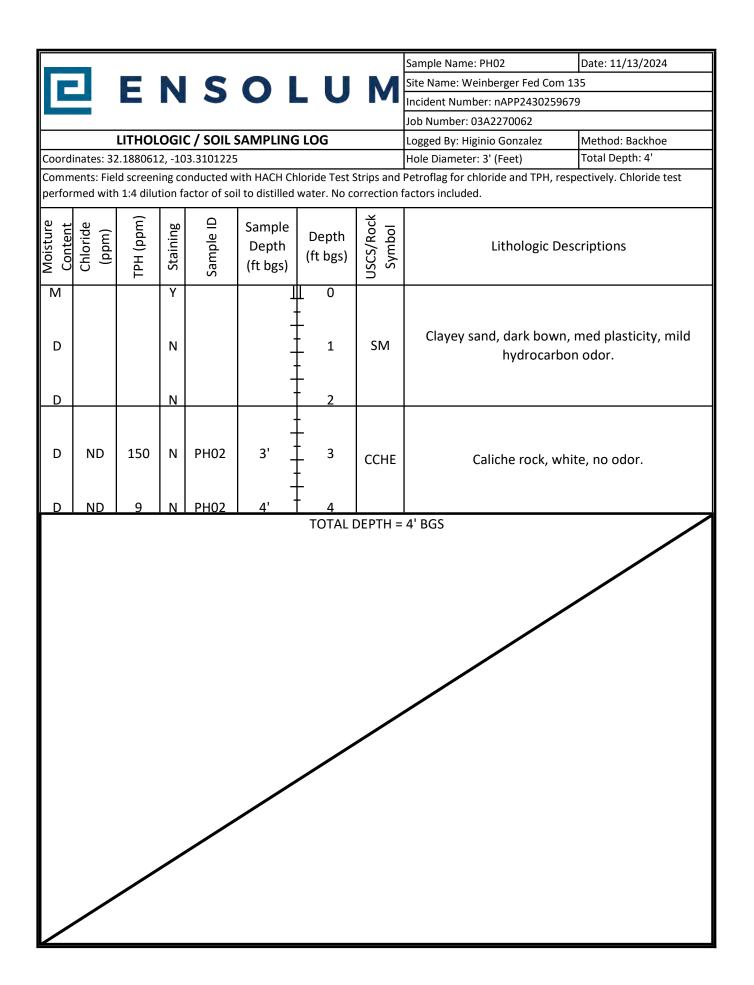
Lithologic Soil Sampling Logs

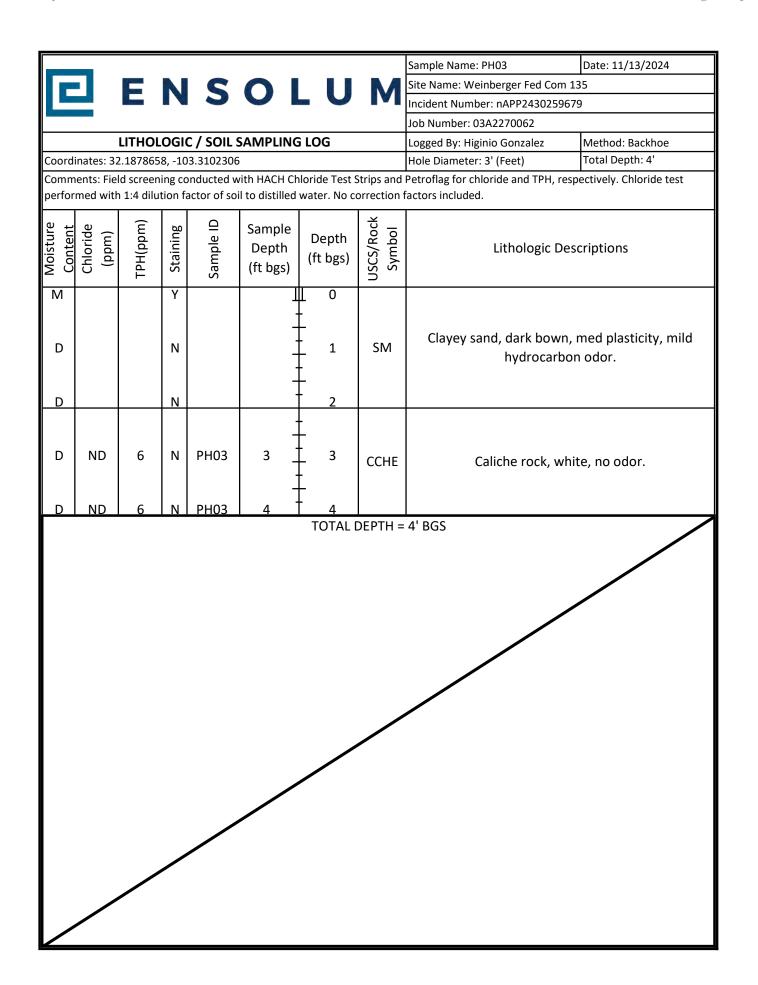














**APPENDIX C** 

Photographic Log

### **ENSOLUM**

#### **Photographic Log**

Matador Production Company Weinberger Federal Com #135 Well Pad nAPP2430259679

West Elevation

# South Elevation © 15°N (T) LAT: 32.188298 LON: -103.310001 ±13ft ▲ 3380ft Weinberger Federal Complete South Supplies South State South Supplies South Sup

Photograph 1 Date:10/30/2024
Description: Delineation Soil Sampling SS01

View: North

O 74°E (T) LAT: 32.188149 LON: -103.310066 ±13ft ▲ 3374ft

Wenberg if Federal Continues to 10 t

Photograph 2 Date:10/30/2024

Description: Delineation Soil Sampling SS02

View: East

# North West Elevation 121°SE (T) LAT: 32.188048 LON: -103.310194 ±13ft ▲ 3375ft 121°SE (T) LAT: 32.188048 LON: -103.310194 ±13ft ▲ 3375ft 121°SE (T) LAT: 32.188048 LON: -103.310194 ±13ft ▲ 3375ft 121°SE (T) LAT: 32.188048 LON: -103.310194 ±13ft ▲ 3375ft 121°SE (T) LAT: 32.188048 LON: -103.310194 ±13ft ▲ 3375ft 121°SE (T) LAT: 32.188048 LON: -103.310194 ±13ft ▲ 3375ft 121°SE (T) LAT: 32.188048 LON: -103.310194 ±13ft ▲ 3375ft 121°SE (T) LAT: 32.188048 LON: -103.310194 ±13ft ▲ 3375ft 121°SE (T) LAT: 32.188048 LON: -103.310194 ±13ft ▲ 3375ft 121°SE (T) LAT: 32.188048 LON: -103.310194 ±13ft ▲ 3375ft 121°SE (T) LAT: 32.188048 LON: -103.310194 ±13ft ▲ 3375ft 121°SE (T) LAT: 32.188048 LON: -103.310194 ±13ft ▲ 3375ft 121°SE (T) LAT: 32.188048 LON: -103.310194 ±13ft ▲ 3375ft 121°SE (T) LAT: 32.188048 LON: -103.310194 ±13ft ▲ 3375ft 121°SE (T) LAT: 32.188048 LON: -103.310194 ±13ft ▲ 3375ft 121°SE (T) LAT: 32.188048 LON: -103.310194 ±13ft ▲ 3375ft 121°SE (T) LAT: 32.188048 LON: -103.310194 ±13ft 121°SE (

Photograph 3 Date:10/30/2024

Description: Delineation Soil Sampling SS03

View: Southeast

## 

Photograph 4 Date:10/30/2024

Description: Delineation Soil Sampling SS04

View: Southwest

### **ENSOLUM**

#### **Photographic Log**

Matador Production Company
Weinberger Federal Com #135 Well Pad
nAPP2430259679

# South West Elevation 26°NE (T) LAT: 32.187886 LON: -103.310134 ±13ft 3373ft

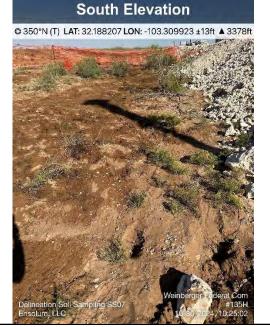
Photograph 5 Date:10/30/2024
Description: Delineation Soil Sampling SS05

View: Northeast

# South Elevation © 10°N (T) LAT: 32.188029 LON: -103.309994 ±13ft ▲ 3374ft Wainberger Federal Complemention Soil Sampling \$506 Ensolum, LLC 10.30-2024, 10.24:37

Photograph 6 Date:10/30/2024 Description: Delineation Soil Sampling SS06

View: North



Photograph 7 Date:10/30/2024

Description: Delineation Soil Sampling SS07

View: North



Photograph 8 Date:10/30/2024

Description: Delineation Soil Sampling SS08

View: West



Matador Production Company Weinberger Federal Com #135 Well Pad nAPP2430259679





Photograph 9
Description: Signage

View: South

Date:11/04/2024

Date:11/04/2024

Photograph 10

Description: Delineation

View: East





Date:11/04/2024

Date:11/04/2024

Photograph 11

Description: Delineation

View: Southeast

Photograph 12

Description: Delineation

View: Southeast

Page 3 of 11



Matador Production Company Weinberger Federal Com #135 Well Pad nAPP2430259679





Photograph 13
Description: Delineation

View: Southwest

Date:11/04/2024

Photograph 14

Description: Delineation View: Southeast

Date:11/04/2024





Photograph 15
Description: Delineation

View: Southeast

Date:11/04/2024

Photograph 16
Description: Delineation

View: East

Date:11/04/2024

### **ENSOLUM**

#### **Photographic Log**

Matador Production Company Weinberger Federal Com #135 Well Pad nAPP2430259679





Date:11/13/2024

Photograph 17 Date:11/13/2024 Photograph 18

Description: PH01 Description: PH01

View: Southwest View: Southwest





Photograph 19 Date:11/13/2024 Photograph 20 Date:11/13/2024

Description: PH02

View: East

Description: PH03

View: North



Matador Production Company Weinberger Federal Com #135 Well Pad nAPP2430259679





Photograph 21

Description: Excavation View: Northeast

Date:12/10/2024

Photograph 22 Description: Excavation

View: North

Date:12/10/2024

Date:12/10/2024





Photograph 23

Description: Excavation View: Northeast

Date:12/10/2024

Photograph 24

Description: Excavation

View: Northeast



Matador Production Company Weinberger Federal Com #135 Well Pad nAPP2430259679





Photograph 25
Description: Excavation

escription: Excavation View: Southeast Date:12/11/2024

Photograph 26

Description: Excavation

Date:12/11/2024

View: North





Photograph 27

View: Northeast

Description: Excavation

Date:12/11/2024

Photograph 28

Description: Excavation View: Southeast

Date:12/11/2024



**Matador Production Company** Weinberger Federal Com #135 Well Pad nAPP2430259679





Photograph 29

Description: Excavation View: Northeast

Photograph 30

Description: Excavation View: South

Date:12/12/2024

Date:12/12/2024





Photograph 31

Description: Excavation View: South

Date:12/12/2024

Date:12/12/2024

Photograph 32

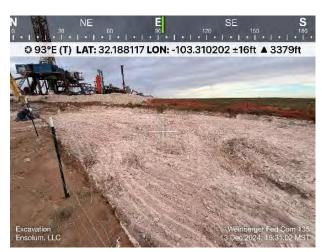
Description: Excavation

View: South



Matador Production Company Weinberger Federal Com #135 Well Pad nAPP2430259679





Photograph 33

Description: Excavation View: Northeast

Date:12/13/2024 Photo

Photograph 34
Description: Excavation

View: East

Date:12/13/2024





Photograph 35

Description: Excavation View: East

Date:12/13/2024

Photograph 36

Description: Excavation View: Northeast

Date:12/13/2024



Matador Production Company Weinberger Federal Com #135 Well Pad nAPP2430259679





Photograph 37 Description: Excavation

View: South

Date:12/16/2024

Photograph 38 Description: Excavation

Date:12/16/2024

Date:12/16/2024

View: East





Photograph 39

Description: Excavation

View: North

Date:12/16/2024

Photograph 40

Description: Excavation

View: Northwest



#### **Photographic Log**

Matador Production Company Weinberger Federal Com #135 Well Pad nAPP2430259679





Date:12/17/2024

Date:12/17/2024

Photograph 40 Description: Excavation

View: East

Date:12/17/2024

Photograph 41 Description: Excavation

View: Northeast





Photograph 42

Description: Excavation View: Northeast

Date:12/17/2024

Photograph 43

Description: Excavation

View: North



# APPENDIX D

Laboratory Analytical Reports & Chain-of-Custody Documentation

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

Practical Solutions for a Better Tomorrow

# **Analytical Report**

Matador Resources, LLC.

Project Name: Weinberger Fed Com #135 Well

Pad

Work Order: E410393

Job Number: 23003-0002

Received: 11/1/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/6/24

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: 11/6/24

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

Project Name: Weinberger Fed Com #135 Well Pad

Workorder: E410393

Date Received: 11/1/2024 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/1/2024 7:00:00AM, under the Project Name: Weinberger Fed Com #135 Well Pad.

The analytical test results summarized in this report with the Project Name: Weinberger Fed Com #135 Well Pad apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

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

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com



## **Table of Contents**

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SS01-0'	5
SS02-0'	6
SS03-0'	7
SS04-0'	8
SS05-0'	9
SS06-0'	10
SS07-0'	11
SS08-0'	12
QC Summary Data	13
QC - Volatile Organics by EPA 8021B	13
QC - Nonhalogenated Organics by EPA 8015D - GRO	14
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	15
QC - Anions by EPA 300.0/9056A	16
Definitions and Notes	17
Chain of Custody etc.	18

## **Sample Summary**

Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Keporteu:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	11/06/24 14:18

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01-0'	E410393-01A	Soil	10/30/24	11/01/24	Glass Jar, 2 oz.
SS02-0'	E410393-02A	Soil	10/30/24	11/01/24	Glass Jar, 2 oz.
SS03-0'	E410393-03A	Soil	10/30/24	11/01/24	Glass Jar, 2 oz.
SS04-0'	E410393-04A	Soil	10/30/24	11/01/24	Glass Jar, 2 oz.
SS05-0'	E410393-05A	Soil	10/30/24	11/01/24	Glass Jar, 2 oz.
SS06-0'	E410393-06A	Soil	10/30/24	11/01/24	Glass Jar, 2 oz.
SS07-0'	E410393-07A	Soil	10/30/24	11/01/24	Glass Jar, 2 oz.
SS08-0'	E410393-08A	Soil	10/30/24	11/01/24	Glass Jar, 2 oz.



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	11/6/2024 2:18:14PM

## SS01-0' E410393-01

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: BA		Batch: 2444151
ND	0.0250	1	11/01/24	11/04/24	
ND	0.0250	1	11/01/24	11/04/24	
ND	0.0250	1	11/01/24	11/04/24	
ND	0.0250	1	11/01/24	11/04/24	
ND	0.0500	1	11/01/24	11/04/24	
ND	0.0250	1	11/01/24	11/04/24	
	102 %	70-130	11/01/24	11/04/24	
mg/kg	mg/kg	Anal	yst: BA		Batch: 2444151
ND	20.0	1	11/01/24	11/04/24	
	88.5 %	70-130	11/01/24	11/04/24	
mg/kg	mg/kg	Anal	yst: NV		Batch: 2444148
116	25.0	1	11/01/24	11/02/24	
ND	50.0	1	11/01/24	11/02/24	
	104 %	50-200	11/01/24	11/02/24	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2445003
ND	40.0	2	11/04/24	11/04/24	
	mg/kg ND ND ND ND ND ND ND ND The state of t	mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           MD         0.0250           MD         20.0           88.5 %         mg/kg           mg/kg         mg/kg           116         25.0           ND         50.0           104 %         mg/kg           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         Anal           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           MD         0.0250         1           MD         70-130         1           mg/kg         mg/kg         Anal           ND         20.0         1           88.5 %         70-130         1           mg/kg         mg/kg         Anal           116         25.0         1           ND         50.0         1           104 %         50-200           mg/kg         Mg/kg         Anal	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         11/01/24           ND         0.0250         1         11/01/24           ND         0.0250         1         11/01/24           ND         0.0500         1         11/01/24           ND         0.0250         1         11/01/24           ND         0.0250         1         11/01/24           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         11/01/24           mg/kg         mg/kg         Analyst: NV           116         25.0         1         11/01/24           ND         50.0         1         11/01/24           ND         50.0         1         11/01/24           Mg/kg         Mg/kg         Analyst: NV         116           104 %         50-200         11/01/24           mg/kg         Mg/kg         Analyst: IY	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         11/01/24         11/04/24           ND         0.0250         1         11/01/24         11/04/24           ND         0.0250         1         11/01/24         11/04/24           ND         0.0500         1         11/01/24         11/04/24           ND         0.0250         1         11/01/24         11/04/24           ND         0.0250         1         11/01/24         11/04/24           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         11/01/24         11/04/24           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         11/01/24         11/04/24           mg/kg         mg/kg         Analyst: NV           116         25.0         1         11/01/24         11/02/24           ND         50.0         1         11/01/24         11/02/24           ND         50.0         1         11/01/24         11/02/24           Mg/kg         mg/kg

Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	11/6/2024 2:18:14PM

## SS02-0'

E410393-02						
Reporting						
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2444151
Benzene	ND	0.0250	1	11/01/24	11/04/24	
Ethylbenzene	ND	0.0250	1	11/01/24	11/04/24	
Toluene	ND	0.0250	1	11/01/24	11/04/24	
o-Xylene	ND	0.0250	1	11/01/24	11/04/24	
p,m-Xylene	ND	0.0500	1	11/01/24	11/04/24	
Total Xylenes	ND	0.0250	1	11/01/24	11/04/24	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	11/01/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2444151
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.8 %	70-130	11/01/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2444148
Diesel Range Organics (C10-C28)	143	25.0	1	11/01/24	11/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/24	11/02/24	
Surrogate: n-Nonane		106 %	50-200	11/01/24	11/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2445003
Chloride	23.1	20.0	1	11/04/24	11/04/24	



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	11/6/2024 2:18:14PM

#### SS03-0'

E410393-03						
Reporting						
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2444151
Benzene	ND	0.0250	1	11/01/24	11/04/24	
Ethylbenzene	ND	0.0250	1	11/01/24	11/04/24	
Toluene	ND	0.0250	1	11/01/24	11/04/24	
p-Xylene	ND	0.0250	1	11/01/24	11/04/24	
o,m-Xylene	ND	0.0500	1	11/01/24	11/04/24	
Total Xylenes	ND	0.0250	1	11/01/24	11/04/24	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	11/01/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2444151
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.7 %	70-130	11/01/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2444148
Diesel Range Organics (C10-C28)	128	25.0	1	11/01/24	11/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/24	11/02/24	
Surrogate: n-Nonane		106 %	50-200	11/01/24	11/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2445003
Chloride	ND	20.0	1	11/04/24	11/04/24	



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	11/6/2024 2:18:14PM

#### SS04-0'

E410393-04						
Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2444151
Benzene	ND	0.0250	1	11/01/24	11/04/24	
Ethylbenzene	ND	0.0250	1	11/01/24	11/04/24	
Toluene	ND	0.0250	1	11/01/24	11/04/24	
o-Xylene	ND	0.0250	1	11/01/24	11/04/24	
p,m-Xylene	ND	0.0500	1	11/01/24	11/04/24	
Total Xylenes	ND	0.0250	1	11/01/24	11/04/24	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	11/01/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2444151
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.5 %	70-130	11/01/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2444148
Diesel Range Organics (C10-C28)	80.8	25.0	1	11/01/24	11/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/24	11/02/24	
Surrogate: n-Nonane		106 %	50-200	11/01/24	11/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2445003
Chloride	ND	20.0	1	11/04/24	11/04/24	



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	11/6/2024 2:18:14PM

#### SS05-0'

#### E410393-05

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2444151
Benzene	ND	0.0250	1	11/01/24	11/04/24	
Ethylbenzene	ND	0.0250	1	11/01/24	11/04/24	
Toluene	ND	0.0250	1	11/01/24	11/04/24	
o-Xylene	ND	0.0250	1	11/01/24	11/04/24	
p,m-Xylene	ND	0.0500	1	11/01/24	11/04/24	
Total Xylenes	ND	0.0250	1	11/01/24	11/04/24	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	11/01/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	Analyst: BA		Batch: 2444151
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.6 %	70-130	11/01/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2444148
Diesel Range Organics (C10-C28)	51.6	25.0	1	11/01/24	11/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/24	11/02/24	
Surrogate: n-Nonane		103 %	50-200	11/01/24	11/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2445003
Chloride	ND	20.0	1	11/04/24	11/04/24	



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	11/6/2024 2:18:14PM

#### SS06-0'

#### E410393-06

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: BA		Batch: 2444151
Benzene	ND	0.0250	1	11/01/24	11/04/24	
Ethylbenzene	ND	0.0250	1	11/01/24	11/04/24	
Toluene	ND	0.0250	1	11/01/24	11/04/24	
o-Xylene	ND	0.0250	1	11/01/24	11/04/24	
p,m-Xylene	ND	0.0500	1	11/01/24	11/04/24	
Total Xylenes	ND	0.0250	1	11/01/24	11/04/24	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	11/01/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: BA	Batch: 2444151	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.7 %	70-130	11/01/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2444148
Diesel Range Organics (C10-C28)	138	25.0	1	11/01/24	11/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/24	11/02/24	
Surrogate: n-Nonane		106 %	50-200	11/01/24	11/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: IY		Batch: 2445003
Chloride	ND	20.0	1	11/04/24	11/04/24	



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	11/6/2024 2:18:14PM

## SS07-0'

		E410393-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2444151
Benzene	ND	0.0250	1	11/01/24	11/04/24	
Ethylbenzene	ND	0.0250	1	11/01/24	11/04/24	
Toluene	ND	0.0250	1	11/01/24	11/04/24	
o-Xylene	ND	0.0250	1	11/01/24	11/04/24	
p,m-Xylene	ND	0.0500	1	11/01/24	11/04/24	
Total Xylenes	ND	0.0250	1	11/01/24	11/04/24	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	11/01/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2444151
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.6 %	70-130	11/01/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2444148
Diesel Range Organics (C10-C28)	457	25.0	1	11/01/24	11/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/24	11/02/24	
Surrogate: n-Nonane		103 %	50-200	11/01/24	11/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2445003
Chloride	84.4	20.0	1	11/04/24	11/04/24	



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	11/6/2024 2:18:14PM

#### SS08-0'

#### E410393-08

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2444151
Benzene	ND	0.0250	1	11/01/24	11/04/24	
Ethylbenzene	ND	0.0250	1	11/01/24	11/04/24	
Toluene	ND	0.0250	1	11/01/24	11/04/24	
o-Xylene	ND	0.0250	1	11/01/24	11/04/24	
p,m-Xylene	ND	0.0500	1	11/01/24	11/04/24	
Total Xylenes	ND	0.0250	1	11/01/24	11/04/24	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	11/01/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2444151
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.3 %	70-130	11/01/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2444148
Diesel Range Organics (C10-C28)	32.3	25.0	1	11/01/24	11/02/24	
Oil Range Organics (C28-C36)	87.7	50.0	1	11/01/24	11/02/24	
Surrogate: n-Nonane		103 %	50-200	11/01/24	11/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2445003
Chloride	115	20.0	1	11/04/24	11/04/24	



Surrogate: 4-Bromochlorobenzene-PID

# **QC Summary Data**

Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	11/6/2024 2:18:14PM

Dallas TX, 75240		Project Number: Project Manager:		shley Giovengo					11/6/2024 2:18:14PM
		Volatile O	rganics b	oy EPA 8021	В				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2444151-BLK1)							Prepared: 1	1/01/24 Ar	nalyzed: 11/04/24
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		97.2	70-130			
LCS (2444151-BS1)							Prepared: 1	1/01/24 Ar	nalyzed: 11/04/24
Benzene	4.93	0.0250	5.00		98.7	70-130			
Ethylbenzene	4.94	0.0250	5.00		98.8	70-130			
Toluene	4.99	0.0250	5.00		99.8	70-130			
o-Xylene	4.94	0.0250	5.00		98.8	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.0	0.0250	15.0		100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.80		8.00		97.5	70-130			
LCS Dup (2444151-BSD1)							Prepared: 1	1/01/24 Ar	nalyzed: 11/04/24
Benzene	5.04	0.0250	5.00		101	70-130	2.09	20	
Ethylbenzene	5.06	0.0250	5.00		101	70-130	2.30	20	
Toluene	5.10	0.0250	5.00		102	70-130	2.08	20	
o-Xylene	5.05	0.0250	5.00		101	70-130	2.16	20	
p,m-Xylene	10.3	0.0500	10.0		103	70-130	2.35	20	
Total Xylenes	15.4	0.0250	15.0		102	70-130	2.28	20	



Surrogate: 1-Chloro-4-fluorobenzene-FID

## **QC Summary Data**

Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	_
Dallas TX, 75240	Project Manager:	Ashley Giovengo	11/6/2024 2:18:14PM

Dallas TX, 75240		Project Manage	r: As	hley Gioveng	go			1	1/6/2024 2:18:14PM	
	Non	halogenated	Organics l	by EPA 801	15D - G	RO			Analyst: BA	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2444151-BLK1)							Prepared: 1	1/01/24 Ana	alyzed: 11/04/24	
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.04		8.00		88.0	70-130				
LCS (2444151-BS2)							Prepared: 1	1/01/24 Ana	alyzed: 11/05/24	
Gasoline Range Organics (C6-C10)	45.3	20.0	50.0		90.6	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.13		8.00		89.1	70-130				
LCS Dup (2444151-BSD2)							Prepared: 1	1/01/24 Ana	lyzed: 11/04/24	
Gasoline Range Organics (C6-C10)	43.9	20.0	50.0		87.7	70-130	3.23	20		

70-130

7.16

## **QC Summary Data**

Weinberger Fed Com #135 Well Pad Matador Resources, LLC. Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 Dallas TX, 75240 11/6/2024 2:18:14PM Project Manager: Ashley Giovengo

Dallas 1 X, /3240		Project Manage	r: As	inley Gloveng	go				11/0/2024 2:18:14PM		
	Nonha	logenated Or	ganics by	EPA 8015I	) - 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		
	mg/kg	mg/kg	mg/kg	mg/kg	/0	/0	/0	/0	Notes		
Blank (2444148-BLK1)							Prepared: 1	1/01/24 A	nalyzed: 11/02/24		
Diesel Range Organics (C10-C28)	ND	25.0									
il Range Organics (C28-C36)	ND	50.0									
urrogate: n-Nonane	56.1		50.0		112	50-200					
LCS (2444148-BS1)							Prepared: 1	1/01/24 A	nalyzed: 11/02/24		
Diesel Range Organics (C10-C28)	253	25.0	250		101	38-132					
urrogate: n-Nonane	50.3		50.0		101	50-200					
LCS Dup (2444148-BSD1)							Prepared: 1	1/01/24 A	nalyzed: 11/02/24		
Diesel Range Organics (C10-C28)	262	25.0	250		105	38-132	3.72	20			
urrogate: n-Nonane	53.2		50.0		106	50-200					



Chloride

Chloride

LCS Dup (2445003-BSD1)

## **QC Summary Data**

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager	: 2	Veinberger Fed 3003-0002 Ashley Gioveng		5 Well Pad			<b>Reported:</b> 11/6/2024 2:18:14PM
		Anions	by EPA	300.0/9056 <i>E</i>	4				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
Blank (2445003-BLK1)						I	Prepared: 1	1/04/24 A	Analyzed: 11/04/24
Chloride	ND	20.0							
LCS (2445003-BS1)						I	Prepared: 1	1/04/24 A	Analyzed: 11/04/24

250

250

258

257

20.0

20.0

103

103

90-110

90-110

0.117

Prepared: 11/04/24 Analyzed: 11/04/24

#### QC Summary Report Comment:

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



## **Definitions and Notes**

Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	11/06/24 14:18

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Released to Imaging: 3/28/2025 3:18:20 PM

`	of _	1 😹
		eceiv
		ed by
		OCL
RA		): 1/3
N		/2025
		12:0
		Received by OCD: 1/3/2025 12:00:09

							O.	iani oi c	JUJE	ouy													
	Clie	nt Inform	nation	1			Invoice Inform	nation					Lab	Use	Only				1	TAT		State	
Client: N	Matador Proc	luction C	ompa	iny			Company: Ensolum LLC			L	ab W	O#		70	b Nu	mbe	r	10	) 2D	3D !	Std	NM CO UT TX	
	Weinberger				Pad		Address: 3122 National F			—  E	= 4	10	399	5	5300	<u>3·</u>	100	4		1 1	X	X	1
	Manager: As						City, State, Zip: Carlsbad	<u>NM, 88220</u>	0		_					!		i,	<u>.</u>		_	CDA Duomono	
	3122 Natio					— I-	Phone: 575-988-0055			—	⊢			<del></del>	Inalys	is ai	IG IVIE	et no		$\overline{}$		SDWA CWA R	CRA
	te, Zip: Carls 575-988-005		8822	.0			Email: agiovengo@enso Aiscellaneous:	olum.com			-							1			ŀ	3DVA CVA III	
	giovengo@e		om			ऻ ।"	riiscenarieous.				- 1.	١؞	" l							1	ŀ	Compliance Y or	N
	<u> </u>	1						1			_   3	<u> </u>	/ 8015	.	ء ا ۽	١.	.   .	<u>#</u>			Ī	PWSID#	
					Samp	le informa	ation					ğ	8	Ž	826		.   S	Ž		1 1		_	
Time Sampled	Date Sampled	Matrix	No. Conta				Sample ID		Field	Lab Numb	er	DRO/ORO by 8015	GRO/DRO by 8	BI EX DY 8021	VOC by 8260	0000	TCEQ 1005 - TX	RCRA 8 Metals				Remarks	
1005	10/30/20	5	1	ا بَهُرُ ا	59	501-	0)			1							XL_					- <u>-</u> -	
1006		5				02-0				2						7							
00		5			5	503-	0)			3							<u> </u>						
1012		5	Ш		55	504-	01		_	4													
1013		5				505			<u> </u>	5				_			4	_	1				
1015		5_				506-		į	ļ	6				$\downarrow$			4	_	_	11			
1017		5			55	507	<u>-0 '</u>	:		7				_						1			
1042		5			5	508	-01	<del></del>		8		_	_	_	1					1_			
								1					_	_		ļ		_	$\downarrow$				
																	-						
Additio	nal Instruction	ons: Ple	ase C	C: cbı	ırton@e	nsolum.co	m, agiovengo@ensolum	.com,			der.	7	) ha	milte	on@e	nsol	um.c	om, i	estre	lla@ei	nsol	um.com,	
Marie Sale		h, bsimm	tons@	<u>Penso</u>	lum.com	n, igonzale	s@ensolum.com, oaderii that tampering with or intentional	<u>nto@enso</u> Ilv mislabeling	the sa	com	ation d	late o	or time o	f coile	ection is	consid	lered fr	CX aud ar	or nd may	be groun	ds for	legal action.	
Sampled b)			a cause	inderly c	a una sampi		that tamparing title or internation				, -									•			
	ned by Signatu			Date	, ,	Time	Received by (Signature)	. 0	Date			ime		T			•			•		ist be received on ice the day they	
July 1	V/V			1013	0/24	1359	vicinelle 1700	zzies	10.	31-2			<u>٥7</u>				npled or bseaven		ea pack			temp above 0 but less than 6 °C c	on
PARTIES !	Welle 2	charle	eş_			Time 1615	Regelived by: (Signature)	<b>(1)</b>		.71.7	4		700			R	eceiv	ed o	n ice:	_	) N	se Only	
Sada	led by (Signat)	<b>3</b> 30_			31.24	1400	Received by: Kignature)	na	Date	1.2	4	_	W			I	1			<u>T2</u>		<u>T3</u>	
Relinquis	hed by: (Signati	ire)		Date		Time	Received by: (Signature)		Date			îme		İ		A	VG Te	emp	°c	_			
Sample Ma	trix: S - Soil, Sd -	Solid, Sg - Slu	ıdge, A	- Aqueo	us, O - Othe	r														, v - VO		fanaha anahata daka 1	
Note: San samples i	nples are discar s applicable onl	ded 14 day y to those s	s after sample	results es recei	are report ved by the	ted unless ot laboratory v	her arrangements are made. H with this COC. The liability of th	lazardous sai le laboratory	mples is lim	will be ited to t	return the am	ned to noun	o client t paid f	or di or on	sposed the re	of at port.	the cli	ent e	xpense	e. Ine re	port	for the analysis of the abov	ve



Printed: 11/1/2024 9:29:03AM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Matador Resources, LLC.	Date Received:	11/01/24	07:00		Work Order ID:	E410393
Phone:	(972) 371-5200	Date Logged In:	10/31/24	16:06		Logged In By:	Noe Soto
Email:	agiovengo@ensolum.com	Due Date:	11/07/24	17:00 (4 day TAT)			
Chain of	Custody (COC)						
	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location mat	ch the COC					
	amples dropped off by client or carrier?	on the coc	Yes Yes	<i>a</i>			
	e COC complete, i.e., signatures, dates/times, reques	eted analyses?	Yes	Carrier: C	ourier		
	Il samples received within holding time?	sted analyses:	Yes				
J. Wele a	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion.		103			Comment	ts/Resolution
Sample T	<u> [urn Around Time (TAT)</u>						
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample (	<u>Cooler</u>						
7. Was a s	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes	, were custody/security seals intact?		NA				
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
	•	temperature. 1	<u>~</u>				
	Container queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers'	)	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lal		iers conecteur	165				
	field sample labels filled out with the minimum info	rmation:					
	ample ID?	mation.	Yes				
	pate/Time Collected?		Yes				
C	ollectors name?		Yes				
Sample I	<u>Preservation</u>						
21. Does	the COC or field labels indicate the samples were pr	eserved?	No				
22. Are s	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved m	netals?	No				
Multipha	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multipha	se?	No				
27. If yes	, does the COC specify which phase(s) is to be analy	zed?	NA				
Subcontr	act Laboratory						
	amples required to get sent to a subcontract laborato	ru?	No				
	subcontract laboratory specified by the client and if	-	NA	Subcontract Lab	. NIA		
		30 WIIO:	1421	Subcontract Lab	, INZ		
Client II	<u>istruction</u>						

Date

Report to:
Ashley Giovengo





5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

Practical Solutions for a Better Tomorrow

# **Analytical Report**

Matador Resources, LLC.

Project Name: Weinberger Fed Com #135H Well

Pad

Work Order: E411043

Job Number: 23003-0002

Received: 11/6/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/14/24

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: 11/14/24

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

Project Name: Weinberger Fed Com #135H Well Pad

Workorder: E411043

Date Received: 11/6/2024 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/6/2024 7:30:00AM, under the Project Name: Weinberger Fed Com #135H Well Pad.

The analytical test results summarized in this report with the Project Name: Weinberger Fed Com #135H Well Pad apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

**Southern New Mexico Area** 

Lynn Jarboe

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

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

## **Table of Contents**

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
BH01-0'	5
BH02-0'	6
BH02-2'	7
BH03-0'	8
BH03-2'	9
QC Summary Data	10
QC - Volatile Organics by EPA 8021B	10
QC - Nonhalogenated Organics by EPA 8015D - GRO	11
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	12
QC - Anions by EPA 300.0/9056A	13
Definitions and Notes	14
Chain of Custody etc.	15

## Sample Summary

Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135H Well Pad	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reporteu:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	11/14/24 17:12

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
BH01-0'	E411043-01A Soil	11/04/24	11/06/24	Glass Jar, 2 oz.
BH02-0'	E411043-02A Soil	11/04/24	11/06/24	Glass Jar, 2 oz.
BH02-2'	E411043-03A Soil	11/04/24	11/06/24	Glass Jar, 2 oz.
BH03-0'	E411043-04A Soil	11/04/24	11/06/24	Glass Jar, 2 oz.
BH03-2'	F411043-05A Soil	11/04/24	11/06/24	Glass Jar, 2 oz.



ſ	Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135H Well Pad	
	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
	Dallas TX, 75240	Project Manager:	Ashley Giovengo	11/14/2024 5:12:09PM

### BH01-0' E411043-01

	E411043-01				
Popult	1 0	Dilution	Droparad	Analyzad	Notes
Kesuit	Lillit	Dilution	Frepared	Allalyzeu	Notes
mg/kg	mg/kg	Ana	lyst: SL		Batch: 2445057
ND	0.0250	1	11/06/24	11/06/24	
ND	0.0250	1	11/06/24	11/06/24	
ND	0.0250	1	11/06/24	11/06/24	
ND	0.0250	1	11/06/24	11/06/24	
ND	0.0500	1	11/06/24	11/06/24	
ND	0.0250	1	11/06/24	11/06/24	
	96.8 %	70-130	11/06/24	11/06/24	
mg/kg	mg/kg	Ana	lyst: SL		Batch: 2445057
ND	20.0	1	11/06/24	11/06/24	
	91.8 %	70-130	11/06/24	11/06/24	
mg/kg	mg/kg	Ana	lyst: NV		Batch: 2445058
3360	25.0	1	11/06/24	11/06/24	
74.5	50.0	1	11/06/24	11/06/24	
	96.1 %	50-200	11/06/24	11/06/24	
mg/kg	mg/kg	Ana	lyst: DT		Batch: 2445061
1210	20.0	1	11/06/24	11/06/24	
	ND ND ND ND ND ND ND ND Mg/kg ND mg/kg 3360 74.5	Result         Reporting           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         0.0250           96.8 %         mg/kg           mg/kg         mg/kg           ND         20.0           91.8 %         mg/kg           mg/kg         mg/kg           3360         25.0           74.5         50.0           96.1 %         mg/kg           mg/kg         mg/kg	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Ana           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           MD         0.0250         1           MD         0.0250         1           96.8 %         70-130         70-130           mg/kg         mg/kg         Ana           ND         20.0         1           91.8 %         70-130           mg/kg         mg/kg         Ana           3360         25.0         1           74.5         50.0         1           96.1 %         50-200           mg/kg         Mg/kg         Ana	Reporting           Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         11/06/24           ND         0.0250         1         11/06/24           ND         0.0250         1         11/06/24           ND         0.0500         1         11/06/24           ND         0.0250         1         11/06/24           MD         0.0250         1         11/06/24           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         11/06/24           mg/kg         mg/kg         Analyst: NV           3360         25.0         1         11/06/24           74.5         50.0         1         11/06/24           mg/kg         mg/kg         Analyst: NV	Reporting           Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         11/06/24         11/06/24           ND         0.0250         1         11/06/24         11/06/24           ND         0.0250         1         11/06/24         11/06/24           ND         0.0500         1         11/06/24         11/06/24           ND         0.0250         1         11/06/24         11/06/24           ND         0.0250         1         11/06/24         11/06/24           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         11/06/24         11/06/24           Mg/kg         mg/kg         Analyst: SL         11/06/24         11/06/24           Mg/kg         mg/kg         Analyst: NV         11/06/24         11/06/24           3360         25.0         1         11/06/24         11/06/24           74.5         50.0         1         11/06/24         11/06/24           mg/kg         mg/kg         Analyst: DT



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135H Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	11/14/2024 5:12:09PM

## BH02-0'

		E411043-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2445057
Benzene	ND	0.0250	1	11/06/24	11/06/24	
Ethylbenzene	0.102	0.0250	1	11/06/24	11/06/24	
Toluene	ND	0.0250	1	11/06/24	11/06/24	
o-Xylene	0.129	0.0250	1	11/06/24	11/06/24	
p,m-Xylene	0.0645	0.0500	1	11/06/24	11/06/24	
Total Xylenes	0.194	0.0250	1	11/06/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	11/06/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2445057
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.6 %	70-130	11/06/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2445058
Diesel Range Organics (C10-C28)	6280	25.0	1	11/06/24	11/06/24	
Oil Range Organics (C28-C36)	119	50.0	1	11/06/24	11/06/24	
Surrogate: n-Nonane		94.2 %	50-200	11/06/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: DT		Batch: 2445061
Chloride	540	20.0	1	11/06/24	11/06/24	



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135H Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	11/14/2024 5:12:09PM

#### BH02-2'

#### E411043-03

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2445057
Benzene	0.0482	0.0250	1	11/06/24	11/06/24	
Ethylbenzene	2.66	0.0250	1	11/06/24	11/06/24	
Toluene	1.59	0.0250	1	11/06/24	11/06/24	
o-Xylene	3.55	0.0250	1	11/06/24	11/06/24	
p,m-Xylene	5.81	0.0500	1	11/06/24	11/06/24	
Total Xylenes	9.35	0.0250	1	11/06/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		99.3 %	70-130	11/06/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2445057
Gasoline Range Organics (C6-C10)	169	20.0	1	11/06/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		102 %	70-130	11/06/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2445058
Diesel Range Organics (C10-C28)	16300	50.0	2	11/06/24	11/13/24	
Oil Range Organics (C28-C36)	257	100	2	11/06/24	11/13/24	
Surrogate: n-Nonane		144 %	50-200	11/06/24	11/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2445061



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135H Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	11/14/2024 5:12:09PM

## BH03-0'

		E411043-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: SL		Batch: 2445057
Benzene	ND	0.0250	1	11/06/24	11/06/24	
Ethylbenzene	0.107	0.0250	1	11/06/24	11/06/24	
Toluene	0.0270	0.0250	1	11/06/24	11/06/24	
o-Xylene	ND	0.0250	1	11/06/24	11/06/24	
o,m-Xylene	ND	0.0500	1	11/06/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/06/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		86.0 %	70-130	11/06/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	llyst: SL		Batch: 2445057
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.7 %	70-130	11/06/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2445058
Diesel Range Organics (C10-C28)	43.0	25.0	1	11/06/24	11/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/24	11/13/24	
Surrogate: n-Nonane		85.2 %	50-200	11/06/24	11/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2445061
Chloride	25.5	20.0	1	11/06/24	11/06/24	



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135H Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	11/14/2024 5:12:09PM

### BH03-2'

E411043-05
------------

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2445057
Benzene	ND	0.0250	1	11/06/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/06/24	11/06/24	
Toluene	ND	0.0250	1	11/06/24	11/06/24	
o-Xylene	ND	0.0250	1	11/06/24	11/06/24	
p,m-Xylene	ND	0.0500	1	11/06/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/06/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		90.7 %	70-130	11/06/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2445057
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.1 %	70-130	11/06/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2445058
Diesel Range Organics (C10-C28)	268	25.0	1	11/06/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/24	11/06/24	
Surrogate: n-Nonane		84.0 %	50-200	11/06/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2445061
Chloride	33.3	20.0	1	11/06/24	11/06/24	



Surrogate: 4-Bromochlorobenzene-PID

# **QC Summary Data**

Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135H Well Pad	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	11/14/2024 5:12:09PM

5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Number: Project Manager:		3003-0002 shley Giovengo	)			1	1/14/2024 5:12:09PM	
Volatile Organics by EPA 8021B										
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2445057-BLK1)						I	Prepared: 11	1/06/24 Ar	alyzed: 11/06/24	
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	7.28		8.00		91.0	70-130				
LCS (2445057-BS1)						I	Prepared: 11	1/06/24 Ar	alyzed: 11/06/24	
Benzene	4.32	0.0250	5.00		86.3	70-130				
Ethylbenzene	4.61	0.0250	5.00		92.2	70-130				
Toluene	4.57	0.0250	5.00		91.4	70-130				
o-Xylene	4.64	0.0250	5.00		92.8	70-130				
p,m-Xylene	9.38	0.0500	10.0		93.8	70-130				
Total Xylenes	14.0	0.0250	15.0		93.5	70-130				
Surrogate: 4-Bromochlorobenzene-PID	7.18		8.00		89.7	70-130				
LCS Dup (2445057-BSD1)						I	Prepared: 1	1/06/24 Ar	alyzed: 11/06/24	
Benzene	4.42	0.0250	5.00		88.4	70-130	2.38	20		
Ethylbenzene	4.78	0.0250	5.00		95.5	70-130	3.54	20		
Toluene	4.71	0.0250	5.00		94.2	70-130	3.06	20		
o-Xylene	4.79	0.0250	5.00		95.9	70-130	3.27	20		
p,m-Xylene	9.73	0.0500	10.0		97.3	70-130	3.60	20		
Total Xylenes	14.5	0.0250	15.0		96.8	70-130	3.49	20		

70-130



Analyst: SL

## **QC Summary Data**

Matador Resources, LLC.Project Name:Weinberger Fed Com #135H Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo11/14/20245:12:09PM

N	onha	logenate	d Organi	ics by El	PA 8015D -	- GRO

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

Blank (2445057-BLK1)						Prepared: 11	1/06/24	Analyzed: 11/06/24
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.60		8.00	95.0	70-130			
LCS (2445057-BS2)						Prepared: 11	1/06/24	Analyzed: 11/06/24
Gasoline Range Organics (C6-C10)	43.6	20.0	50.0	87.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.67		8.00	95.8	70-130			
LCS Dup (2445057-BSD2)						Prepared: 11	1/06/24	Analyzed: 11/06/24
Gasoline Range Organics (C6-C10)	43.1	20.0	50.0	86.1	70-130	1.33	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.62		8.00	95.2	70-130			



## **QC Summary Data**

Matador Resources, LLC.Project Name:Weinberger Fed Com #135H Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo11/14/20245:12:09PM

Danas 1A, /3240	Project Manager: Ashley Glovengo								11/14/2024 3:12:09PM					
	Nonha		Analyst: NV											
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit						
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes					
Blank (2445058-BLK1)							Prepared: 1	1/06/24 Aı	nalyzed: 11/06/24					
Diesel Range Organics (C10-C28)	ND	25.0												
Oil Range Organics (C28-C36)	ND	50.0												
Surrogate: n-Nonane	44.5		50.0		89.0	50-200								
LCS (2445058-BS1)							Prepared: 1	1/06/24 Aı	nalyzed: 11/06/24					
Diesel Range Organics (C10-C28)	232	25.0	250		92.8	38-132								
Surrogate: n-Nonane	47.1		50.0		94.2	50-200								
LCS Dup (2445058-BSD1)							Prepared: 1	1/06/24 Aı	nalyzed: 11/06/24					
Diesel Range Organics (C10-C28)	245	25.0	250		97.8	38-132	5.28	20						
Surrogate: n-Nonane	48.0		50.0		96.0	50-200								

Analyte

## **QC Summary Data**

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500	Project Name: Project Number:	Weinberger Fed Com #135H Well Pad 23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	11/14/2024 5:12:09PM

Anions	by EPA 3	00.0/9056A			Analyst: DT
Reporting	Snike	Source	Rec	RPD	

Analyte	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2445061-BLK1)						]	Prepared: 1	1/06/24 Anal	yzed: 11/06/24
Chloride	ND	20.0							
LCS (2445061-BS1)						]	Prepared: 1	1/06/24 Anal	yzed: 11/06/24
Chloride	252	20.0	250		101	90-110			
LCS Dup (2445061-BSD1)						]	Prepared: 1	1/06/24 Anal	yzed: 11/06/24
Chloride	250	20.0	250		100	90-110	1.01	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**

Γ	Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135H Well Pad	
l	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
l	Dallas TX, 75240	Project Manager:	Ashley Giovengo	11/14/24 17:12

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Released to Imaging: 3/28/2025 3:18:20 PM

age _	1	_ of _	1	Rec
гх				eceived by
				OCD:
RCRA				1/3/2

						•			<b>-</b> ,																	
Client Information					Invoice Information				Lab Use Only									TA	١T		State					
lient: N	latador Prod	luction Co	ompany		Cor	Company: Ensolum LLC				Lab WO# Job Number						_ 1	<b>1</b> D	2D	3D	Std	ı	NM	co l	ΤТ	х	
roject:	Weinberger	Fed Com	#135H \	Vell Pad	Add	dress: 3122 National Par	rks Hwy		E	-4	110	43		23	205.	800	7				X	- [	Х			
Project N	lanager: As	hley Giov	engo		City	, State, Zip: Carlsbad NI	M, 88220																			
Address:	3122 Nation	nal Parks	Hwy		Pho	ne: 575-988-0055								Ana	lysis	and	Met	hod					EP	A Pro	gram	
City, Stat	e, Zip: Carls	bad NM,	88220		<u>Em</u>	ail: agiovengo@ensolu	um.com			Γ												SD\	NΑ	CWA	<u> </u>	RCRA
hone: 5	75-988-005	5			Mis	cellaneous:							1													
mail: a	giovengo@e	nsolum.c	om		[						22	ξ <u>1</u>		i								Com	pliand	:e	Y   c	or N
											8	y 8015	<u></u>	ا 。	8	5	<b>×</b>	als				PWS	ID#			
				Sam	ole Information	on				_	ĝ	g	8	826	83	ž	8	Met								
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID		Filter	Lab Numb	er	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals						Remai	ks	
10:34	11/4/2024	S	1			BH01 - 0'			l							X										
11:29	11/4/2024	s	1			BH02 - 0'			Z							х										
11:37	11/4/2024	s	1			BH02 - 2'			3							х	i									
11:40	11/4/2024	S	1			BH03 - 0'			4							х										
11:46	11/4/2024	S	1	1		BH03 - 2'			5	寸		Ì				х										
							-																			
		<del></del>		1																						
		<del>-</del>						寸																		
								_	-	+		$\dashv$														
_							'			$\dashv$		$\dashv$														
Addition	al Instructio	ns: Held	on Ice.	Please CC:	cburton@en	solum.com, agiovengo@	ensolun	n.con	n, iest	trella	 a@e	nsol	ım.c	om,	chai	nilto	n@e	nsol	lum.c	com,	bsin	ımor	ıs@€	nsolu	n.co	m
					<del> </del>																					
			dauthentici	y of this samp	le. I am aware tha	t tampering with or intentionally i	mislabeling t	he sam	ple loca	ation, d	date c	or time	OT CO	lectio	1 IS COI	nsider	ed Trau	a ana	may b	e grou	nas to	regal a	iction.			
<u>_</u>	Bowan Simmons		In-a		<b>.</b>	[D		Date		17	Time	_	_			Sampl	es regue	iring th	ermal n	reserva	tion m	ıst he n	eceived	on ice th	day the	ev are
Relinquished by: (Signature)  Date  Time  Received by: (Signature)  Nightelle Generales				11-	529	4	1/	<u>05</u>				sampl	amples requiring thermal preservation must be received on ice the day they are ampled or received packed in ice at an avg temp above 0 but less than 6 °C on other count days													
Relinquished by: (Signature)  Date  Time  Received by: (Signature)  Notable Georgales  11-5-24  1(015)				•	Date //- 5.24			4 1730					Lab Use Only Received on ice:   /// N													
Relindrish	ed by: (Signatur	re <b>i</b>	Date	.5.24	1345	Received by: Islanature	2~	    -	6.2	4	Time 7:	<u>30</u>				<u>T1</u>			_	<u>T2</u>				<u>T3</u>		
Kelinquish	ed by: (Signatur	re)	Date		Time	Received by: (Signature)	·	Date		1	Time					AVC	i Ten	np °C	4							
Sample Mat	rix: S - Soil, Sd - S	olid, Sg - Slu	dge. A - Aqu	eous, O - Othe	r			Cont	ainer T	Type:	: g - (	glass,	<b>p</b> - p	oly/	olasti	c, ag	- amt	er g	lass, \	7 - VC	λ					

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.

envirotec 13

Printed: 11/6/2024 9:40:38AM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Matador Resources, LLC.	Date Received:	11/06/24	07:30		Work Order ID:	E411043
Phone:	(972) 371-5200	Date Logged In:	11/05/24	14:56		Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	11/14/24	17:00 (6 day TAT)			
Chain of	Custody (COC)						
	he sample ID match the COC?		Yes				
	he number of samples per sampling site location ma	tch the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier: C	'ourier		
	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes	carrer. <u>c</u>	<u> Journer</u>		
	all samples received within holding time?	,	Yes				
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi	•		,		Comment	s/Resolution
	<u> Furn Around Time (TAT)</u>						
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample (							
	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes	, were custody/security seals intact?		NA				
	ne sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
		temperature. 4	<u>C</u>				
	Container queous VOC samples present?		No				
	/OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	a trip blank (TB) included for VOC analyses?		NA				
	non-VOC samples collected in the correct containers	9	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field La		ners conected:	105				
	field sample labels filled out with the minimum info	armation:					
	ample ID?	imation.	Yes				
	Date/Time Collected?		Yes				
(	Collectors name?		No				
Sample 1	Preservation						
21. Does	the COC or field labels indicate the samples were p	reserved?	No				
22. Are s	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved n	netals?	No				
Multiph:	ase Sample Matrix						
26. Does	the sample have more than one phase, i.e., multipha	se?	No				
27. If yes	s, does the COC specify which phase(s) is to be analy	yzed?	NA				
Subcont	ract Laboratory						
	amples required to get sent to a subcontract laborato	rv?	No				
	a subcontract laboratory specified by the client and i	-	NA	Subcontract Lab	· NA		
	nstruction			Succentract Eac			
<u>Chent I</u>	iisti uction						

Date

Report to:
Ashley Giovengo





5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

Practical Solutions for a Better Tomorrow

# **Analytical Report**

Matador Resources, LLC.

Project Name: Weinberger Fed Com #135 Well

Pad

Work Order: E411155

Job Number: 23003-0002

Received: 11/15/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/20/24

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: 11/20/24

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

Project Name: Weinberger Fed Com #135 Well Pad

Workorder: E411155

Date Received: 11/15/2024 6:30:37AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/15/2024 6:30:37AM, under the Project Name: Weinberger Fed Com #135 Well Pad.

The analytical test results summarized in this report with the Project Name: Weinberger Fed Com #135 Well Pad apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

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

Cell: 505-320-4759

ljarboe@envirotech-inc.com

**Michelle Gonzales** 

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

#### **Table of Contents**

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
PH01 @ 2'	5
PH01 @ 3'	6
PH02 @ 3'	7
PH02 @ 4'	8
PH03 @ 3'	9
SS01A @ 0'	10
SS02A @ 0'	11
SS03A @ 0'	12
SS06A @ 0'	13
SS07A @ 0'	14
SS08B @ 0'	15
QC Summary Data	16
QC - Volatile Organics by EPA 8021B	16
QC - Nonhalogenated Organics by EPA 8015D - GRO	17
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	18
QC - Anions by EPA 300.0/9056A	19
Definitions and Notes	20
Chain of Custody etc.	21

#### Sample Summary

Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	Donoutoda
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	11/20/24 15:18

Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	11/20/2024 3:18:39PM

PH01 @ 2' E411155-01

		E411155-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
. Ilm., ve				•	Timi, 200	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2446144
Benzene	ND	0.0250	1	11/15/24	11/19/24	
Ethylbenzene	ND	0.0250	1	11/15/24	11/19/24	
Toluene	ND	0.0250	1	11/15/24	11/19/24	
o-Xylene	ND	0.0250	1	11/15/24	11/19/24	
p,m-Xylene	ND	0.0500	1	11/15/24	11/19/24	
Total Xylenes	ND	0.0250	1	11/15/24	11/19/24	
Surrogate: 4-Bromochlorobenzene-PID		88.5 %	70-130	11/15/24	11/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2446144
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/24	11/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.6 %	70-130	11/15/24	11/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: AF		Batch: 2446161
Diesel Range Organics (C10-C28)	1680	25.0	1	11/15/24	11/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/24	11/16/24	
Surrogate: n-Nonane		110 %	50-200	11/15/24	11/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: JM		Batch: 2447029
Chloride	164	20.0	1	11/19/24	11/19/24	

Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	11/20/2024 3:18:39PM

#### PH01 @ 3' E411155-02

alyzed Notes
Batch: 2446144
19/24
19/24
19/24
19/24
19/24
19/24
19/24
Batch: 2446144
19/24
19/24
Batch: 2446161
16/24
16/24
16/24
Batch: 2447029
/.



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	11/20/2024 3:18:39PM

#### PH02 @ 3' E411155-04

	E-111133 0-1				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	rst: SL		Batch: 2446144
ND	0.0250	1	11/15/24	11/19/24	
ND	0.0250	1	11/15/24	11/19/24	
ND	0.0250	1	11/15/24	11/19/24	
ND	0.0250	1	11/15/24	11/19/24	
ND	0.0500	1	11/15/24	11/19/24	
ND	0.0250	1	11/15/24	11/19/24	
	88.3 %	70-130	11/15/24	11/19/24	
mg/kg	mg/kg	Analy	rst: SL		Batch: 2446144
ND	20.0	1	11/15/24	11/19/24	
	92.4 %	70-130	11/15/24	11/19/24	
mg/kg	mg/kg	Analy	st: AF		Batch: 2446161
251	25.0	1	11/15/24	11/16/24	
ND	50.0	1	11/15/24	11/16/24	
	111 %	50-200	11/15/24	11/16/24	
mg/kg	mg/kg	Analy	rst: JM		Batch: 2447029
24.9	20.0	1	11/19/24	11/19/24	
	mg/kg ND Mg/kg ND  mg/kg 251 ND	Result         Reporting Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           88.3 %         mg/kg           Mg/kg         mg/kg           ND         20.0           92.4 %         mg/kg           mg/kg         mg/kg           ND         50.0           III %         mg/kg           mg/kg         mg/kg	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Analy           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           88.3 %         70-130           mg/kg         mg/kg         Analy           ND         20.0         1           92.4 %         70-130           mg/kg         mg/kg         Analy           251         25.0         1           ND         50.0         1           111 %         50-200           mg/kg         mg/kg         Analy	Reporting           Result         Limit         Dilution         Prepared           mg/kg         Analyst: SL           ND         0.0250         1         11/15/24           ND         0.0250         1         11/15/24           ND         0.0250         1         11/15/24           ND         0.0250         1         11/15/24           ND         0.0500         1         11/15/24           ND         0.0250         1         11/15/24           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         11/15/24           mg/kg         mg/kg         Analyst: AF           251         25.0         1         11/15/24           ND         50.0         1         11/15/24           ND         50.0         1         11/15/24           Mg/kg         Mg/kg         Analyst: AF	Reporting           Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         11/15/24         11/19/24           ND         0.0250         1         11/15/24         11/19/24           ND         0.0250         1         11/15/24         11/19/24           ND         0.0500         1         11/15/24         11/19/24           ND         0.0250         1         11/15/24         11/19/24           ND         0.0250         1         11/15/24         11/19/24           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         11/15/24         11/19/24           mg/kg         mg/kg         Analyst: AF           251         25.0         1         11/15/24         11/16/24           ND         50.0         1         11/15/24         11/16/24           ND         50.0         1         11/15/24         11/16/24           MD         50.0         1         11/15/24         11/16/24           Mg/kg         mg/kg         Analyst: JM <td< td=""></td<>



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	11/20/2024 3:18:39PM

#### PH02 @ 4' E411155-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: SL		Batch: 2446144
Benzene	ND	0.0250	1	11/15/24	11/19/24	
Ethylbenzene	ND	0.0250	1	11/15/24	11/19/24	
Toluene	ND	0.0250	1	11/15/24	11/19/24	
o-Xylene	ND	0.0250	1	11/15/24	11/19/24	
p,m-Xylene	ND	0.0500	1	11/15/24	11/19/24	
Total Xylenes	ND	0.0250	1	11/15/24	11/19/24	
Surrogate: 4-Bromochlorobenzene-PID		88.9 %	70-130	11/15/24	11/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: SL		Batch: 2446144
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/24	11/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.5 %	70-130	11/15/24	11/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: AF		Batch: 2446161
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/24	11/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/24	11/16/24	
Surrogate: n-Nonane		106 %	50-200	11/15/24	11/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: JM		Batch: 2447029
Chloride	ND	20.0	1	11/19/24	11/19/24	



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	11/20/2024 3:18:39PM

#### PH03 @ 3' E411155-06

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: SL		Batch: 2446144
ND	0.0250	1	11/15/24	11/19/24	
ND	0.0250	1	11/15/24	11/19/24	
ND	0.0250	1	11/15/24	11/19/24	
ND	0.0250	1	11/15/24	11/19/24	
ND	0.0500	1	11/15/24	11/19/24	
ND	0.0250	1	11/15/24	11/19/24	
	88.2 %	70-130	11/15/24	11/19/24	
mg/kg	mg/kg	Anal	yst: SL		Batch: 2446144
ND	20.0	1	11/15/24	11/19/24	
	92.3 %	70-130	11/15/24	11/19/24	
mg/kg	mg/kg	Anal	yst: AF		Batch: 2446161
ND	25.0	1	11/15/24	11/16/24	
ND	50.0	1	11/15/24	11/16/24	
	103 %	50-200	11/15/24	11/16/24	
mg/kg	mg/kg	Anal	yst: JM		Batch: 2447029
ND	20.0	1	11/19/24	11/19/24	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           88.2 %         mg/kg           mg/kg         mg/kg           ND         20.0           92.3 %         mg/kg           ND         25.0           ND         50.0           103 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg         Analy           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           88.2 %         70-130           mg/kg         mg/kg         Analy           ND         20.0         1           92.3 %         70-130         1           mg/kg         mg/kg         Analy           ND         25.0         1           ND         50.0         1           103 %         50-200           mg/kg         mg/kg         Analy	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         11/15/24           ND         0.0250         1         11/15/24           ND         0.0250         1         11/15/24           ND         0.0500         1         11/15/24           ND         0.0250         1         11/15/24           ND         0.0250         1         11/15/24           mg/kg         mg/kg         Analyst: SL           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         11/15/24           mg/kg         mg/kg         Analyst: AF           ND         25.0         1         11/15/24           ND         50.0         1         11/15/24           ND         50.0         1         11/15/24           mg/kg         mg/kg         Analyst: AF	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         11/15/24         11/19/24           ND         0.0250         1         11/15/24         11/19/24           ND         0.0250         1         11/15/24         11/19/24           ND         0.0500         1         11/15/24         11/19/24           ND         0.0250         1         11/15/24         11/19/24           ND         0.0250         1         11/15/24         11/19/24           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         11/15/24         11/19/24           mg/kg         mg/kg         Analyst: AF           ND         25.0         1         11/15/24         11/19/24           ND         25.0         1         11/15/24         11/16/24           ND         50.0         1         11/15/24         11/16/24           ND         50.0         1         11/15/24         11/16/24           ND         50.0         1         11/15/24         11/16/24           M



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	11/20/2024 3:18:39PM

#### SS01A @ 0'

		E411155-08				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2446144
Benzene	ND	0.0250	1	11/15/24	11/19/24	
Ethylbenzene	ND	0.0250	1	11/15/24	11/19/24	
Toluene	ND	0.0250	1	11/15/24	11/19/24	
o-Xylene	ND	0.0250	1	11/15/24	11/19/24	
p,m-Xylene	ND	0.0500	1	11/15/24	11/19/24	
Total Xylenes	ND	0.0250	1	11/15/24	11/19/24	
Surrogate: 4-Bromochlorobenzene-PID		88.0 %	70-130	11/15/24	11/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2446144
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/24	11/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.0 %	70-130	11/15/24	11/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: AF		Batch: 2446161
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/24	11/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/24	11/16/24	
Surrogate: n-Nonane		108 %	50-200	11/15/24	11/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: JM		Batch: 2447029
Chloride	ND	20.0	1	11/19/24	11/19/24	·



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	11/20/2024 3:18:39PM

#### SS02A @ 0'

		E411155-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2446144
Benzene	ND	0.0250	1	11/15/24	11/19/24	
Ethylbenzene	ND	0.0250	1	11/15/24	11/19/24	
Toluene	ND	0.0250	1	11/15/24	11/19/24	
o-Xylene	ND	0.0250	1	11/15/24	11/19/24	
p,m-Xylene	ND	0.0500	1	11/15/24	11/19/24	
Total Xylenes	ND	0.0250	1	11/15/24	11/19/24	
Surrogate: 4-Bromochlorobenzene-PID		88.4 %	70-130	11/15/24	11/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2446144
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/24	11/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.6 %	70-130	11/15/24	11/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: AF		Batch: 2446161
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/24	11/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/24	11/16/24	
Surrogate: n-Nonane		109 %	50-200	11/15/24	11/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2447029
Chloride	ND	20.0	1	11/19/24	11/19/24	



Anions by EPA 300.0/9056A

Chloride

#### **Sample Data**

Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	11/20/2024 3:18:39PM

#### SS03A @ 0'

		E411155-10				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2446144
Benzene	ND	0.0250	1	11/15/24	11/19/24	
Ethylbenzene	ND	0.0250	1	11/15/24	11/19/24	
Toluene	ND	0.0250	1	11/15/24	11/19/24	
o-Xylene	ND	0.0250	1	11/15/24	11/19/24	
p,m-Xylene	ND	0.0500	1	11/15/24	11/19/24	
Total Xylenes	ND	0.0250	1	11/15/24	11/19/24	
Surrogate: 4-Bromochlorobenzene-PID		88.2 %	70-130	11/15/24	11/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2446144
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/24	11/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.7 %	70-130	11/15/24	11/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: AF		Batch: 2446161
Diesel Range Organics (C10-C28)	31.6	25.0	1	11/15/24	11/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/24	11/16/24	
Surrogate: n-Nonane		100 %	50-200	11/15/24	11/16/24	

mg/kg

20.0

mg/kg

ND

Analyst: JM

11/19/24

11/19/24



Batch: 2447029

Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	11/20/2024 3:18:39PM

#### SS06A @ 0'

		E411155-11				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2446144
Benzene	ND	0.0250	1	11/15/24	11/19/24	
Ethylbenzene	ND	0.0250	1	11/15/24	11/19/24	
Toluene	ND	0.0250	1	11/15/24	11/19/24	
o-Xylene	ND	0.0250	1	11/15/24	11/19/24	
p,m-Xylene	ND	0.0500	1	11/15/24	11/19/24	
Total Xylenes	ND	0.0250	1	11/15/24	11/19/24	
Surrogate: 4-Bromochlorobenzene-PID		87.7 %	70-130	11/15/24	11/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2446144
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/24	11/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.6 %	70-130	11/15/24	11/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: AF		Batch: 2446161
Diesel Range Organics (C10-C28)	35.0	25.0	1	11/15/24	11/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/24	11/16/24	
Surrogate: n-Nonane		99.8 %	50-200	11/15/24	11/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: JM		Batch: 2447029
Chloride	ND	20.0	1	11/19/24	11/20/24	



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	11/20/2024 3:18:39PM

#### SS07A @ 0'

		E411155-12				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2446144
Benzene	ND	0.0250	1	11/15/24	11/19/24	
Ethylbenzene	ND	0.0250	1	11/15/24	11/19/24	
Toluene	ND	0.0250	1	11/15/24	11/19/24	
o-Xylene	ND	0.0250	1	11/15/24	11/19/24	
p,m-Xylene	ND	0.0500	1	11/15/24	11/19/24	
Total Xylenes	ND	0.0250	1	11/15/24	11/19/24	
Surrogate: 4-Bromochlorobenzene-PID		87.6 %	70-130	11/15/24	11/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2446144
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/24	11/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.9 %	70-130	11/15/24	11/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: AF		Batch: 2446161
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/24	11/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/24	11/16/24	
Surrogate: n-Nonane		101 %	50-200	11/15/24	11/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: JM		Batch: 2447029
Chloride	29.7	20.0	1	11/19/24	11/20/24	



Chloride

# **Sample Data**

Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	11/20/2024 3:18:39PM

#### $\mathbf{SS08B} \ @ \ 0"$

		E411155-13				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: SL		Batch: 2446144
Benzene	ND	0.0250	1	11/15/24	11/19/24	
Ethylbenzene	ND	0.0250	1	11/15/24	11/19/24	
Toluene	ND	0.0250	1	11/15/24	11/19/24	
o-Xylene	ND	0.0250	1	11/15/24	11/19/24	
p,m-Xylene	ND	0.0500	1	11/15/24	11/19/24	
Total Xylenes	ND	0.0250	1	11/15/24	11/19/24	
Surrogate: 4-Bromochlorobenzene-PID		87.4 %	70-130	11/15/24	11/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: SL		Batch: 2446144
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/24	11/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.3 %	70-130	11/15/24	11/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: AF		Batch: 2446161
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/24	11/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/24	11/16/24	
Surrogate: n-Nonane		94.7 %	50-200	11/15/24	11/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: JM		Batch: 2447029

20.0

289

11/19/24

11/20/24



Surrogate: 4-Bromochlorobenzene-PID

# **QC Summary Data**

Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	Reported:
5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Number: Project Manager:	23003-0002 Ashley Giovengo	11/20/2024 3:18:39PM
Dallas 1A, 13240	i foject ivianagei.	Asincy Glovengo	11/20/2024 3.10.371 WI

Dallas TX, 75240		Project Number: Project Manager:		shley Giovengo	)			1	1/20/2024 3:18:39PM
		Volatile O	rganics l	by EPA 8021	1B				Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2446144-BLK1)						]	Prepared: 1	1/15/24 Ar	alyzed: 11/19/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.82		8.00		85.3	70-130			
LCS (2446144-BS1)						]	Prepared: 1	1/15/24 Ar	alyzed: 11/19/24
Benzene	5.41	0.0250	5.00		108	70-130			
Ethylbenzene	5.15	0.0250	5.00		103	70-130			
Toluene	5.30	0.0250	5.00		106	70-130			
o-Xylene	5.14	0.0250	5.00		103	70-130			
p,m-Xylene	10.4	0.0500	10.0		104	70-130			
Total Xylenes	15.6	0.0250	15.0		104	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.88		8.00		86.0	70-130			
LCS Dup (2446144-BSD1)							Prepared: 1	1/15/24 Ar	alyzed: 11/19/24
Benzene	5.31	0.0250	5.00		106	70-130	1.89	20	-
Ethylbenzene	5.08	0.0250	5.00		102	70-130	1.35	20	
Toluene	5.21	0.0250	5.00		104	70-130	1.71	20	
o-Xylene	5.07	0.0250	5.00		101	70-130	1.46	20	
p,m-Xylene	10.3	0.0500	10.0		103	70-130	1.29	20	
Total Xylenes	15.4	0.0250	15.0		102	70-130	1.35	20	

70-130



#### **QC Summary Data**

Matador Resources, LLC.Project Name:Weinberger Fed Com #135 Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo11/20/20243:18:39PM

Nonhalogenated	Organics	by EPA 8015D	- GRO
----------------	----------	--------------	-------

Analyst: SL

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

Blank (2446144-BLK1)						Prepared: 11	1/15/24	Analyzed: 11/19/24
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.13		8.00	89.1	70-130			
LCS (2446144-BS2)						Prepared: 1	1/15/24	Analyzed: 11/19/24
Gasoline Range Organics (C6-C10)	36.3	20.0	50.0	72.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.65		8.00	95.7	70-130			
LCS Dup (2446144-BSD2)						Prepared: 11	1/15/24	Analyzed: 11/19/24
Gasoline Range Organics (C6-C10)	41.2	20.0	50.0	82.4	70-130	12.7	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00	93.9	70-130			



# **QC Summary Data**

Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	11/20/2024 3:18:39PM

Dallas 1X, /5240		Project Manager	r: As	niey Gioveng	go				11/20/2024 3:18:39PI
	Nonha	logenated Or	ganics by	EPA 8015I	) - DRO	/ORO			Analyst: AF
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2446161-BLK1)							Prepared: 1	1/15/24 Aı	nalyzed: 11/16/24
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.3		50.0		109	50-200			
LCS (2446161-BS1)							Prepared: 1	1/15/24 Aı	nalyzed: 11/16/24
Diesel Range Organics (C10-C28)	285	25.0	250		114	38-132			
Surrogate: n-Nonane	55.2		50.0		110	50-200			
Matrix Spike (2446161-MS1)				Source:	E411155-1	10	Prepared: 1	1/15/24 Aı	nalyzed: 11/16/24
Diesel Range Organics (C10-C28)	321	25.0	250	31.6	116	38-132			
Surrogate: n-Nonane	54.9		50.0		110	50-200			
Matrix Spike Dup (2446161-MSD1)				Source:	E411155-1	10	Prepared: 1	1/15/24 Aı	nalyzed: 11/16/24
Diesel Range Organics (C10-C28)	324	25.0	250	31.6	117	38-132	0.888	20	
Gurrogate: n-Nonane	55.9		50.0		112	50-200			

LCS (2447029-BS1)

Prepared: 11/19/24 Analyzed: 11/19/24

#### **QC Summary Data**

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager:		Weinberger Fed 23003-0002 Ashley Gioveng		5 Well Pad			<b>Reported:</b> 11/20/2024 3:18:39PM
Anions by EPA 300.0/9056A								Analyst: JM	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2447029-BLK1)			·			I	Prepared: 1	1/19/24 <i>A</i>	Analyzed: 11/19/24

Chloride	253	20.0	250	101	90-110			
LCS Dup (2447029-BSD1)						Prepared: 11	/19/24 Analyzed: 11/1	9/24
Chloride	253	20.0	250	101	90-110	0.155	20	

ND

20.0

#### QC Summary Report Comment:

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



#### **Definitions and Notes**

Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	11/20/24 15:18

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



	Page	1_	of_	Rec
ate				eive
IT	TX	1		d by
				<i>0</i> C
gra	m			Ö
1	RCRA			1/3,
Υ	or N			/2025
ks				Received by OCD: 1/3/2025 12:00:09 AM
				AM

	Clier	nt Inform	ation			Invoice Information	1				La	b Us	e On	ly				TAT	Г	State
			N COMPANY om #135 Wel	l Pad	-	mpany: Ensolum LLC dress: 3122 National Parks H	lwy	_ L	ab V E <b>4</b>	VO#	55		Job <b>23</b>	Num 203•	ber <i>00</i> 0	2	1D	2D :	3D Std X	NM CO UT TX
	lanager: Asl					y, State, Zip: Carlsbad NM, 8	8220	_	-											
	3122 Nation					one: 575-988-0055		_	-	_	_		Ana	lysis	and	Met	hod		-	EPA Program
	e, Zip: Carls		88220		_	nail: agiovengo@ensolum.c	om													SDWA CWA RCRA
	575-988-0055				Mis	cellaneous:														Compliance Y or N
Email: a	giovengo@e	isolum.c	om							3015	3015			6			v			PWSID#
-				Sample Info	ormati	on				DRO/ORO by 8015	GRO/DRO by 8015	8021	3560	Chloride 300.0	ΣZ	TCEQ 1005 - TX	RCRA 8 Metals			T WSID II
Time	10 miles 2 miles	25.323	No. of		-,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		0 1	Lab	,	/OR	/DR(	BTEX by 8021	VOC by 8260	ride	BGDOC - NM	100	A 8			Remarks
Sampled	Date Sampled	Matrix	Containers			Sample ID	E E	Lab Numb	per	DRO	GRO	BTE)	VOC	Chlo	BGD	TCEG	RCR			
9:04	11/13/2024	S	1		13	PH01 @ 2'		1							х					
9:08	11/13/2024	S	1			PH01 @ 3'		2							х					
9:10	11/13/2024	S	1			PH01@ 4'		3							x					Do not run BGDOC unless PH01 3' is >100 TPH or 600CL
10:15	11/13/2024	S	1			PH02 @ 3'		4							×			Ī		
10:17	11/13/2024	S	1			PH02 @ 4'		5	-						x					Do not run BGDOC unless PH02 3' is >100 TPH or 600CL
11:09	11/13/2024	S	1			PH03 @ 3'		6							х					
11:11	11/13/2024	S	1			PH03 @ 4'		7							х					Do not run BGDOC unless PH03 3' is >100 TPH or 600CL
8:25	11/13/2024	S	1			SS01A @ 0'		8							x					
8:19	11/13/2024	S	1			SS02A @ 0'		9							x					
8:17	11/13/2024	S	1			SS03A @ 0'		10						Ī	x					
bsimmo I, (field sam	ns@ensolum	.com, jgo	onzalez@ense	olum.com		agiovengo@ensolum.com,														
	ed by: (Signatur		Date	Time		Received by: (Signature)	Date	9	T	Time					Sampl	es requ	iring the	ermal pre	servation m	ust be received on ice the day they are
1	MA		11-142	4 9:4	10	Michelle Gonza	Pec 11	-14-2	4	DE	141	)				ed or re		packed in	ice at an av	g temp above 0 but less than 6 °C on
VVILE	ed by (Signatur	644		Time	00	Received by: (Signature)	Date 1/	14-24		Time	20	I					d on i	ce:	Lab U	se Only N
Jahn	by: (Signatur		Date 11.14	14 Z3	345	Regeived by (Signature)	Date //·	15.20	4	6.	30	2			<u>T1</u>			_	Г2	<u>T3</u>
	ed by: (Signatur		Date	Time		Received by: (Signature)	Date			Time								4		
			dge, A - Aqueous, (					ntainer												6 4 6 7 7 7
						arrangements are made. Hazardou										e clier	nt exp	ense. I	ne report	for the analysis of the above





Released to Imaging: 3/28/2025 3:18:20 PM

	Clie	nt Inform	nation	•		Invoice Informat	ion			-	La	b Us	e On	ly				TAT				State	
lient: M	ATADOR PRO			NY	-	ompany: Ensolum LLC			Lat	b,WQ#				Num	ber	一	1D	2D 3	D Std	1	VIVI CO	) UT 1	TX
	Weinberger I					ddress: 3122 National Park	s Hwy			4///	55			003		z			X	לו לי			
	Nanager: As					City, State, Zip: Carlsbad NM, 88220											_	-				•	
	3122 Natio				Pł	one: 575-988-0055			<u> </u>				Ana	lysis	and I	Vieti	hod				EPA	Program	1
ity, Stat	e, Zip: Carls	bad NM,	88220		<u>E</u>	mail: agiovengo@ensolur	n.com													SDW	/A (	CWA	RCRA
hone:	575-988-005 <u>!</u>	5			Mi	scellaneous:			7							ı			İ				
mail: a	giovengo@e	nsolum.c	om						╝	55	15									<u> </u>	liance	Υ (	or N
						<del> </del>				_   % •^ 8¢	9 A	21	0.	0.0	Σ	¥	ta se			PWSI	D#		
	-			Sam	ple Informat	ion	- 1		1 - 1	_  §	8	8	y 826	용	z ان	8	ğ.	l			D.		
Time Sampled	Date Sampled	Matrix	No. of Containers		_	Sample ID		를 끌 된	Lab umbe	DRO/ORO by 8015	GRO/DRO by 8015	ВТЕХ Ьу 8021	VOC by 8260	Chloride 300.0	BGDOC - NIM	TCEQ 1005 - TX	RCRA 8 Metals					marks	
8:38	11/13/2024	S	1			SS06A @ 0'			//						x								RCRA
8:40	11/13/2024	S	1			SS07A @ 0'		1	12						х								
13:45	11/13/2024	S	1			SS08B @ 0'			13						х								
	11/13/2024	S	1																			,	
	11/13/2024	S	1						<del></del>														
	11/13/2024	S	1							1					_								
	11/13/2024	S	1	-			-,																
	11/13/2024	S	1																				
	11/13/2024	S	1																				
	11/13/2024	S	1		• •		·																
<u>osimmo</u>	ns@ensolum	.com, jg	onzalez@	ensolum.	.com	n, agiovengo@ensolum.cor																	
, (neid sam iampled by	•	-	u autrenticit	oi unis samp	ne. ramaware ti	ior reinbeing with or intentionally wi	manening t	не эвнирі	e iocatii	on, uate	or and	. ui t0		is Wi	31461E	au	. and	may be gi	Julius IU	u uegai di			
	ed by: (Signatu		Date	14-24	Time 5:40	Received by: (Signature) Michelle Gonz	- Pec	Date	4.14	Time	GU	<u> </u>			sample	d or re	ceived					ce the day th	
elinguist Vic	ad by Jaignaty	re)	Date		Time 1400	Received by: (Signature)		Date	1.24	Time	70				Rece				Lab U	ise Oni	ly		
	ed by: (Signatu		Date	4.24	Time 2345	Received by (Signature)	<u></u>	71./5	7.24	Time	:30				T1			т:	∑		<u>I</u> 3	3	
Relinquish	ed by: (Signatu	re)	Date		Time	Received by: (Signature)		Date		Time					AVG	Tem	np °C	_4			_ ~		
	rix: S - Soil, Sd - S		<del>, , , , ,</del>		<u> </u>	<u> </u>		F = 1 = 1			=1===		- 1 /					ass, v -	777.4	_			



envirotech

Printed: 11/15/2024 9:01:25AM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Matador Resources, LLC.	Date Received:	11/15/24	06:30		Work Order ID:	E411155
Phone:	(972) 371-5200	Date Logged In:	11/14/24	14:39		Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	11/21/24	17:00 (4 day TAT)			
Chain of	Custody (COC)						
	he sample ID match the COC?		Yes				
	he number of samples per sampling site location mate	h the COC	Yes				
3. Were s	samples dropped off by client or carrier?		Yes	Carrier: C	Courier		
4. Was th	ne COC complete, i.e., signatures, dates/times, request	ed analyses?	Yes	_			
5. Were a	all samples received within holding time?  Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion		Yes			Comment	ts/Resolution
	<u> Turn Around Time (TAT)</u>						
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample 0	Cooler sample cooler received?		Yes				
	was cooler received in good condition?		Yes				
• •	ne sample(s) received intact, i.e., not broken?						
			Yes				
	custody/security seals present?		No				
-	s, were custody/security seals intact?		NA				
	he sample received on ice? If yes, the recorded temp is 4°C, i Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample t	received w/i 15	Yes				
	, <u>*</u>	emperature. 4 (	<u>~</u>				
	Container queous VOC samples present?		No				
	VOC samples collected in VOA Vials?		NO NA				
	e head space less than 6-8 mm (pea sized or less)?		NA				
	a trip blank (TB) included for VOC analyses?		NA				
	non-VOC samples collected in the correct containers?		Yes				
	appropriate volume/weight or number of sample containers.	are collected?	Yes				
Field La	· · · · · · · · · · · · · · · · · · ·	as conceicu.	103				
	field sample labels filled out with the minimum infor	mation:					
	Sample ID?	mation.	Yes				
	Date/Time Collected?		Yes				
C	Collectors name?		No				
Sample 1	<u>Preservation</u>						
	the COC or field labels indicate the samples were pre-	served?	No				
	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved me	etals?	No				
Multiph:	ase Sample Matrix						
26. Does	the sample have more than one phase, i.e., multiphase	₽?	No				
27. If yes	s, does the COC specify which phase(s) is to be analyz	red?	NA				
Subcont	ract Laboratory						
	amples required to get sent to a subcontract laboratory	7?	No				
	a subcontract laboratory specified by the client and if		NA	Subcontract Lab	: NA		
Client I	<u>nstruction</u>						
Sample	#3- Do not run BGDOC unless PH01 3 is > 100 #5- Do not run BGDOC unless PH02 3 is >100 #7- Do not run BGDOC unless PH03 3 is> 100	ΓPH or 600 CL	-				

Date

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

Practical Solutions for a Better Tomorrow

# **Analytical Report**

Matador Resources, LLC.

Project Name: Weinberger Fed Com #135 Well

Pad

Work Order: E412104

Job Number: 20046-0001

Received: 12/13/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 12/17/24

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: 12/17/24

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

Project Name: Weinberger Fed Com #135 Well Pad

Workorder: E412104

Date Received: 12/13/2024 8:00:04AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/13/2024 8:00:04AM, under the Project Name: Weinberger Fed Com #135 Well Pad.

The analytical test results summarized in this report with the Project Name: Weinberger Fed Com #135 Well Pad apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

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

Cell: 505-320-4759

ljarboe@envirotech-inc.com

**Michelle Gonzales** 

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

#### **Table of Contents**

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
FS01 @ 3'	5
FS02 @ 3'	6
FS03 @ 3'	7
FS04 @ 3'	8
FS05 @ 3'	9
FS06 @ 3'	10
FS07 @ 3'	11
FS08 @ 3'	12
QC Summary Data	13
QC - Volatile Organics by EPA 8021B	13
QC - Nonhalogenated Organics by EPA 8015D - GRO	14
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	15
QC - Anions by EPA 300.0/9056A	16
Definitions and Notes	17
Chain of Custody etc.	18

#### Sample Summary

Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	20046-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/17/24 09:25

Client Sample ID	Lab Sample ID Matrix	Sampled Received	Container
FS01 @ 3'	E412104-01A Soil	12/11/24 12/13/24	Glass Jar, 2 oz.
FS02 @ 3'	E412104-02A Soil	12/11/24 12/13/24	Glass Jar, 2 oz.
FS03 @ 3'	E412104-03A Soil	12/11/24 12/13/24	Glass Jar, 2 oz.
FS04 @ 3'	E412104-04A Soil	12/11/24 12/13/24	Glass Jar, 2 oz.
FS05 @ 3'	E412104-05A Soil	12/11/24 12/13/24	Glass Jar, 2 oz.
FS06 @ 3'	E412104-06A Soil	12/11/24 12/13/24	Glass Jar, 2 oz.
FS07 @ 3'	E412104-07A Soil	12/11/24 12/13/24	Glass Jar, 2 oz.
FS08 @ 3'	E412104-08A Soil	12/11/24 12/13/24	Glass Jar, 2 oz.



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	20046-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/17/2024 9:25:53AM

FS01 @ 3' E412104-01

		E412104-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2450127
Benzene	ND	0.0250	1	12/13/24	12/14/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/14/24	
Toluene	ND	0.0250	1	12/13/24	12/14/24	
o-Xylene	ND	0.0250	1	12/13/24	12/14/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/14/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/14/24	
Surrogate: 4-Bromochlorobenzene-PID		87.1 %	70-130	12/13/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2450127
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.7 %	70-130	12/13/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2450134
Diesel Range Organics (C10-C28)	ND	25.0	1	12/13/24	12/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/13/24	12/14/24	
Surrogate: n-Nonane		121 %	50-200	12/13/24	12/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2450131
Chloride	ND	20.0	1	12/13/24	12/14/24	



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	20046-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/17/2024 9:25:53AM

FS02 @ 3' E412104-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2450127
Benzene	ND	0.0250	1	12/13/24	12/14/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/14/24	
Toluene	ND	0.0250	1	12/13/24	12/14/24	
o-Xylene	ND	0.0250	1	12/13/24	12/14/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/14/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/14/24	
Surrogate: 4-Bromochlorobenzene-PID		87.9 %	70-130	12/13/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2450127
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.3 %	70-130	12/13/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2450134
Diesel Range Organics (C10-C28)	ND	25.0	1	12/13/24	12/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/13/24	12/15/24	
Surrogate: n-Nonane		114 %	50-200	12/13/24	12/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2450131
Chloride	ND	20.0	1	12/13/24	12/14/24	



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	20046-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/17/2024 9:25:53AM

#### FS03 @ 3' E412104-03

	L-11210-1-05				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: RKS		Batch: 2450127
ND	0.0250	1	12/13/24	12/14/24	
ND	0.0250	1	12/13/24	12/14/24	
ND	0.0250	1	12/13/24	12/14/24	
ND	0.0250	1	12/13/24	12/14/24	
ND	0.0500	1	12/13/24	12/14/24	
ND	0.0250	1	12/13/24	12/14/24	
	87.3 %	70-130	12/13/24	12/14/24	
mg/kg	mg/kg	Analyst: RKS			Batch: 2450127
ND	20.0	1	12/13/24	12/14/24	
	93.6 %	70-130	12/13/24	12/14/24	
mg/kg	mg/kg	Anal	yst: NV		Batch: 2450134
ND	25.0	1	12/13/24	12/15/24	
ND	50.0	1	12/13/24	12/15/24	
	115 %	50-200	12/13/24	12/15/24	
mg/kg	mg/kg	Anal	yst: DT		Batch: 2450131
ND	20.0	1	12/13/24	12/14/24	
	mg/kg ND ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result         Reporting           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           87.3 %         mg/kg           Mg/kg         mg/kg           ND         20.0           93.6 %         mg/kg           ND         25.0           ND         50.0           115 %         mg/kg           mg/kg         mg/kg	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Anal           ND         0.0250         1           87.3 %         70-130           mg/kg         mg/kg         Anal           ND         20.0         1           93.6 %         70-130           mg/kg         mg/kg         Anal           ND         25.0         1           ND         50.0         1           115 %         50-200           mg/kg         Mg/kg         Anal	Reporting           Result         Limit         Dilution         Prepared           mg/kg         Analyst: RKS           ND         0.0250         1         12/13/24           ND         0.0250         1         12/13/24           ND         0.0250         1         12/13/24           ND         0.0250         1         12/13/24           ND         0.0500         1         12/13/24           ND         0.0250         1         12/13/24           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         12/13/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         12/13/24           ND         50.0         1         12/13/24           ND         50.0         1         12/13/24           ND         50.0         1         12/13/24           ND         50.0         1         12/13/24           Mg/kg         mg/kg         Analyst: DT	Reporting           Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         12/13/24         12/14/24           ND         0.0250         1         12/13/24         12/14/24           ND         0.0250         1         12/13/24         12/14/24           ND         0.0500         1         12/13/24         12/14/24           ND         0.0500         1         12/13/24         12/14/24           ND         0.0250         1         12/13/24         12/14/24           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         12/13/24         12/14/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         12/13/24         12/14/24           ND         25.0         1         12/13/24         12/15/24           ND         50.0         1         12/13/24         12/15/24           ND         50.0         1         12/13/24         12/15/24           ND         50.0         1         12/13/24



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	20046-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/17/2024 9:25:53AM

#### FS04 @ 3' E412104-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	Analyst: RKS		Batch: 2450127
Benzene	ND	0.0250	1	12/13/24	12/14/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/14/24	
Toluene	ND	0.0250	1	12/13/24	12/14/24	
o-Xylene	ND	0.0250	1	12/13/24	12/14/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/14/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/14/24	
Surrogate: 4-Bromochlorobenzene-PID		87.1 %	70-130	12/13/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2450127
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.6 %	70-130	12/13/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2450134
Diesel Range Organics (C10-C28)	ND	25.0	1	12/13/24	12/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/13/24	12/15/24	
Surrogate: n-Nonane		118 %	50-200	12/13/24	12/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2450131
Chloride	ND	20.0	1	12/13/24	12/14/24	



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	20046-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/17/2024 9:25:53AM

#### FS05 @ 3' E412104-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2450127
Benzene	ND	0.0250	1	12/13/24	12/14/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/14/24	
Toluene	ND	0.0250	1	12/13/24	12/14/24	
o-Xylene	ND	0.0250	1	12/13/24	12/14/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/14/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/14/24	
Surrogate: 4-Bromochlorobenzene-PID		87.5 %	70-130	12/13/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2450127
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.8 %	70-130	12/13/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2450134
Diesel Range Organics (C10-C28)	33.9	25.0	1	12/13/24	12/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/13/24	12/15/24	
Surrogate: n-Nonane		124 %	50-200	12/13/24	12/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2450131
Chloride	ND	20.0	1	12/13/24	12/14/24	



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	20046-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/17/2024 9:25:53AM

FS06 @ 3' E412104-06

	E-1121000		
Resu	Reporting ult Limit	B Dilution Prepare	ed Analyzed Notes
nics by EPA 8021B mg/l	kg mg/kg	Analyst: RKS	Batch: 2450127
NI	D 0.0250	1 12/13/2	24 12/14/24
NI	D 0.0250	1 12/13/2	24 12/14/24
NI	D 0.0250	1 12/13/2	24 12/14/24
NI	D 0.0250	1 12/13/2	24 12/14/24
NI	D 0.0500	1 12/13/2	24 12/14/24
NE	D 0.0250	1 12/13/2	24 12/14/24
nochlorobenzene-PID	87.3 %	70-130 12/13/2	24 12/14/24
red Organics by EPA 8015D - GRO mg/l	kg mg/kg	Analyst: RKS	Batch: 2450127
Organics (C6-C10)	D 20.0	1 12/13/2	24 12/14/24
ro-4-fluorobenzene-FID	95.2 %	70-130 12/13/2	24 12/14/24
red Organics by EPA 8015D - DRO/ORO mg/l	kg mg/kg	Analyst: NV	Batch: 2450134
rganics (C10-C28)	D 25.0	1 12/13/2	24 12/15/24
nics (C28-C36) NE	D 50.0	1 12/13/2	24 12/15/24
une	113 %	50-200 12/13/2	24 12/15/24
<b>A 300.0/9056A</b> mg/l	kg mg/kg	Analyst: DT	Batch: 2450131
NI	D 20.0	1 12/13/2	24 12/14/24
A 300.0/9056A mg/l	/kg mg/kg	Analyst: DT	В

Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	20046-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/17/2024 9:25:53AM

#### FS07 @ 3' E412104-07

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: RKS		Batch: 2450127
ND	0.0250	1	12/13/24	12/14/24	
ND	0.0250	1	12/13/24	12/14/24	
ND	0.0250	1	12/13/24	12/14/24	
ND	0.0250	1	12/13/24	12/14/24	
ND	0.0500	1	12/13/24	12/14/24	
ND	0.0250	1	12/13/24	12/14/24	
	87.3 %	70-130	12/13/24	12/14/24	
mg/kg	mg/kg	Analyst: RKS			Batch: 2450127
ND	20.0	1	12/13/24	12/14/24	
	94.8 %	70-130	12/13/24	12/14/24	
mg/kg	mg/kg	Anal	yst: NV		Batch: 2450134
ND	25.0	1	12/13/24	12/15/24	
ND	50.0	1	12/13/24	12/15/24	
	125 %	50-200	12/13/24	12/15/24	
mg/kg	mg/kg	Anal	yst: DT		Batch: 2450131
ND	20.0	1	12/13/24	12/14/24	
	mg/kg ND ND ND ND ND ND ND ND ND ND ND Mg/kg ND  mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           87.3 %         mg/kg           MD         20.0           94.8 %         mg/kg           ND         25.0           ND         50.0           125 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg         Anal           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           87.3 %         70-130           mg/kg         mg/kg         Anal           ND         20.0         1           94.8 %         70-130         1           mg/kg         mg/kg         Anal           ND         25.0         1           ND         50.0         1           125 %         50-200           mg/kg         Mg/kg         Anal	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         12/13/24           ND         0.0250         1         12/13/24           ND         0.0250         1         12/13/24           ND         0.0250         1         12/13/24           ND         0.0500         1         12/13/24           ND         0.0250         1         12/13/24           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         12/13/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         12/13/24           ND         25.0         1         12/13/24           ND         50.0         1         12/13/24           ND         50.0         1         12/13/24           Mg/kg         Mg/kg         Analyst: DT	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         12/13/24         12/14/24           ND         0.0250         1         12/13/24         12/14/24           ND         0.0250         1         12/13/24         12/14/24           ND         0.0500         1         12/13/24         12/14/24           ND         0.0500         1         12/13/24         12/14/24           ND         0.0250         1         12/13/24         12/14/24           87.3 %         70-130         12/13/24         12/14/24           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         12/13/24         12/14/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         12/13/24         12/14/24           ND         25.0         1         12/13/24         12/15/24           ND         50.0         1         12/13/24         12/15/24           ND         50.0         1         12/13/24         12/15/24           Mg/kg



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	20046-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/17/2024 9:25:53AM

FS08 @ 3' E412104-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	Analyst: RKS		Batch: 2450127
Benzene	ND	0.0250	1	12/13/24	12/14/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/14/24	
Toluene	ND	0.0250	1	12/13/24	12/14/24	
o-Xylene	ND	0.0250	1	12/13/24	12/14/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/14/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/14/24	
Surrogate: 4-Bromochlorobenzene-PID		87.4 %	70-130	12/13/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2450127
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.4 %	70-130	12/13/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2450134
Diesel Range Organics (C10-C28)	ND	25.0	1	12/13/24	12/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/13/24	12/15/24	
Surrogate: n-Nonane		113 %	50-200	12/13/24	12/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2450131
Chloride	ND	20.0	1	12/13/24	12/14/24	



Surrogate: 4-Bromochlorobenzene-PID

# **QC Summary Data**

Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	20046-0001	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/17/2024 9:25:53AM

Dallas TX, 75240	Project Manager	: As		12/	17/2024 9:25:53AM				
		Volatile C	rganics b	y EPA 802	1B				Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2450127-BLK1)							Prepared: 1	2/13/24 Anal	yzed: 12/14/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
-Xylene	ND	0.0250							
,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
urrogate: 4-Bromochlorobenzene-PID	6.70		8.00		83.7	70-130			
LCS (2450127-BS1)							Prepared: 1	2/13/24 Anal	yzed: 12/14/24
Benzene	4.85	0.0250	5.00		97.0	70-130			
thylbenzene	4.63	0.0250	5.00		92.6	70-130			
oluene	4.76	0.0250	5.00		95.2	70-130			
-Xylene	4.62	0.0250	5.00		92.4	70-130			
,m-Xylene	9.41	0.0500	10.0		94.1	70-130			
Total Xylenes	14.0	0.0250	15.0		93.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.80		8.00		85.0	70-130			
LCS Dup (2450127-BSD1)							Prepared: 1	2/13/24 Anal	yzed: 12/14/24
Benzene	4.91	0.0250	5.00		98.2	70-130	1.17	20	
thylbenzene	4.70	0.0250	5.00		93.9	70-130	1.37	20	
oluene	4.81	0.0250	5.00		96.3	70-130	1.17	20	
-Xylene	4.68	0.0250	5.00		93.6	70-130	1.23	20	
,m-Xylene	9.54	0.0500	10.0		95.4	70-130	1.31	20	
otal Xylenes	14.2	0.0250	15.0		94.8	70-130	1.28	20	



Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500	Project Name: Project Number:	Weinberger Fed Com #135 Well Pad 20046-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/17/2024 9:25:53AM

Dallas TX, 75240		Project Manage	r: As	hley Gioveng	90				12/17/2024 9:25:53AI
	Non	Analyst: RKS							
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2450127-BLK1)							Prepared: 12	2/13/24	Analyzed: 12/14/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.56		8.00		94.5	70-130			
LCS (2450127-BS2)							Prepared: 12	2/13/24	Analyzed: 12/14/24
Gasoline Range Organics (C6-C10)	41.8	20.0	50.0		83.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.63		8.00		95.4	70-130			
LCS Dup (2450127-BSD2)							Prepared: 12	2/13/24	Analyzed: 12/14/24
Gasoline Range Organics (C6-C10)	40.8	20.0	50.0		81.5	70-130	2.54	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.68		8.00		96.0	70-130			



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	20046-0001	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/17/2024 9:25:53AM

Dallas TX, 75240		Project Manager	r: As	hley Gioveng	go			1.	2/17/2024 9:25:53AI
	Nonha	logenated Or	ganics by l	EPA 8015I	) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2450134-BLK1)							Prepared: 1	2/13/24 An	alyzed: 12/14/24
iesel Range Organics (C10-C28)	ND	25.0							
ril Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	55.2		50.0		110	50-200			
CS (2450134-BS1)							Prepared: 1	2/13/24 An	alyzed: 12/14/24
riesel Range Organics (C10-C28)	264	25.0	250		105	38-132			
urrogate: n-Nonane	55.8		50.0		112	50-200			
Aatrix Spike (2450134-MS1)				Source:	E412104-	03	Prepared: 1	2/13/24 An	alyzed: 12/14/24
riesel Range Organics (C10-C28)	277	25.0	250	ND	111	38-132			
urrogate: n-Nonane	57.0		50.0		114	50-200			
Matrix Spike Dup (2450134-MSD1)				Source:	E412104-	03	Prepared: 1	2/13/24 An	alyzed: 12/14/24
riesel Range Organics (C10-C28)	278	25.0	250	ND	111	38-132	0.150	20	
urrogate: n-Nonane	58.3		50.0		117	50-200			

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500	Project Name: Project Number:	Weinberger Fed Com #135 Well Pad 20046-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/17/2024 9:25:53AM

		Anions	Analyst: DT						
Analyte	Result	Reporting Spike Limit Level			Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

Blank (2450131-BLK1)						Prepared: 12	2/13/24 Ar	nalyzed: 12/13/24
Chloride	ND	20.0						
LCS (2450131-BS1)						Prepared: 12	2/13/24 Ar	nalyzed: 12/13/24
Chloride	257	20.0	250	103	90-110			
LCS Dup (2450131-BSD1)						Prepared: 12	2/13/24 Ar	nalyzed: 12/14/24
Chloride	257	20.0	250	103	90-110	0.316	20	

#### QC Summary Report Comment:

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



### **Definitions and Notes**

l	Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
l	5400 LBJ Freeway, Suite 1500	Project Number:	20046-0001	Reported:
١	Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/17/24 09:25

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



	Page	<u>-</u> _	of	
				ece
ite	•			ive
T	TX			l bj
				Ö
				2
ra	m			
	RC	RA		1
				3/2
<u>′</u>	or	N		22
				9
ks				Received by OCD: 1/3/2025 12:00:09 AM
				AM

	Clie	nt Inform	Invoice Infor	mation				La	b Us	e On	ly				TA	\T		State					
Client: M	ATADOR PRO	ODUCTIO	N COMPA	NY	<u></u>	mpany: Ensolum LLC			Lab	WO	<del> </del>		Job I	Num	ber	$\neg$	1D	D 2D 3D Std			NM	CO UT	TX
Project: \	Weinberger F	Fed Com	135 Well	Pad	Ad	dress: 3122 National	Parks Hwy		F	112	104	1	23	713	S. Contraction	2				X	Х		
	lanager: Asl				Cit	y, State, Zip: Carlsbad	NM, 88220	)		**											<u></u>		•
	3122 Nation					one: 575-988-0055	•						Ana	lysis	ysis and Method						EP	A Progra	m
City, Stat	e, Zip: Carls	bad NM,	88220		En	nail: agiovengo@ens	solum.com														SDWA	CWA	RCRA
Phone: 5	75-988-005	5				cellaneous:				1	1 1									Ì		-	
	giovengo@e		om						1	ي ا	<u>ا</u>				i					ı	Complianc	e Y	or N
	1.5.4.7.2									801	801						25			1	PWSID#		
				Samp	ole Informati	on				DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	CEQ 1005 - TX	RCRA 8 Metals						
Time			No. of					e d	Lab	Į	ğ	<u>\$</u>	ģ	ride	ပွဲ	8	48					Remarks	
Sampled	Date Sampled	Matrix	Containers			Sample ID		Field Filter	Lab Number		8	<u>@</u>	ļ ģ l	윧	8	<u> </u>	2						
12:32	12/11/2024	S	1			FS01 @ 3'			- (	İ					Х								
		,							ı						^								
12:35	12/11/2024	S	1			FS02 @ 3'			2						X						:		
12:37	12/11/2024	s	1			FS03 @ 3'					T				Х							_	
				<u> </u>				<u> </u>	3	<u> </u>					^						_		
12:40	12/11/2024	S	1			FS04 @3'	'		4						X								
12:42	12/11/2024	S	1			FS05 @ 3'			5						х							·	
13:10	12/11/2024	S	1		FS06 @ 3'				9						X								
13:12	12/11/2024	S	1			FS07 @ 3'			7						х						·		
13:15	12/11/2024	s	1			FS08 @ 3'			8						Х								
								<del> </del>	0	+		-											
				•						╄-	ļ												
Addition	al Instructio	ns: Plea	se CC: cb	urton@e	nsolum.com,	agiovengo@ensolum	.com, chan	nilto	n@enso	lum.c	om, i	iestr	ella@	ens	olum	.com	ı, bd	eal@	ensc	olum	.com,		
	<u>ns@ensolum</u>																						
		-	authenticity	of this sampl	e. I am aware tha	t tampering with or intentiona	illy mislabeling t	the sar	nple locatio	n, date	or time	e of co	llection	n is cor	sidere	d frau	d and	may be	groun	ids for	legal action.		
Sampled by:			- In.a.		<b>-</b>	Ta		In		I <del></del>			ī		ct		al-					! +b - de	Abou sos
Relinquish	ed by: (Signatur	<u>(e)</u>	Date	-12-24	9800 IIIII	Received by: (Signature)		Date 1)	12.24	Time	308	١									st be received of temp above 0		
				-10-01	Time	Received by: (Signature)	my yey	Date	IX AT	Time					subsec	went da	249		- 1-	h 11s	o Only		
	wall G		<u> </u>	-12-24		Receives by: (Signature)	_		12.24		61	3			Rece	Lab Use Only seived on ice:							
Religiquish	ed by: (Signatur	re)	Date	n.24	Time	ne Received by (Signature)				Time	$\varpi$				T1				T2			Т3	
Relinquish	ed by: (Signatur	re)	Date		Time C	me (Meterived by: (Lighature)				Time					·		_		<u></u> -			<del>.</del>	
						<u> </u>		Car	AVG Temp °C														
	rix: <b>S</b> - Soil, <b>Sd</b> - So						lana ada sa sa							_							l facilities	usia af ak -	
				•		arrangements are made. He this COC. The liability of the		•					-			citen	т ехр	епѕе.	ıne re	port :	ior the anal	ysis of the	anove



enviroteclass of the above

Page 114

environment of the analysis of the above

envirotech Inc.

Printed: 12/13/2024 11:06:26AM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Matador Resources, LLC.	Date Received:	12/13/24 (	08:00	Work Order ID:	E412104
Phone:	(972) 371-5200	Date Logged In:	12/12/24	15:52	Logged In By:	Noe Soto
Email:	agiovengo@ensolum.com	Due Date:	12/19/24	17:00 (4 day TAT)		
Chain of	Custody (COC)					
	ne sample ID match the COC?		Yes			
	e number of samples per sampling site location ma	tch the COC	Yes			
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: Courie	<u>er</u>	
4. Was the	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes			
5. Were al	Il samples received within holding time?  Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi	•	Yes		<u>Comment</u>	s/Resolution
Sample T	urn Around Time (TAT)					
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes			
Sample C	<u>Cooler</u>					
7. Was a s	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was the	e sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If yes,	were custody/security seals intact?		NA			
12. Was the	e sample received on ice? If yes, the recorded temp is 4°C.  Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	re received w/i 15	Yes			
Sample C	•	· • • · · · · · · · · · · · · · · · · ·	-			
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers	9	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field Lab	· · ·	nors conceica.	105			
	field sample labels filled out with the minimum info	ormation:				
	ample ID?	ormation.	Yes			
	ate/Time Collected?		Yes			
C	ollectors name?		No			
Sample P	reservation_					
21. Does	the COC or field labels indicate the samples were p	reserved?	No			
22. Are sa	ample(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved n	netals?	No			
Multipha	se Sample Matrix					
26. Does	the sample have more than one phase, i.e., multipha	ise?	No			
	does the COC specify which phase(s) is to be analy		NA			
Subcontr	act Laboratory					
-	imples required to get sent to a subcontract laborato	rv?	No			
	subcontract laboratory specified by the client and i	•	NA	Subcontract Lab: NA		
				Subcontract Edb. 141	•	
Chent In	<u>istruction</u>					

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

Practical Solutions for a Better Tomorrow

# **Analytical Report**

Matador Resources, LLC.

Project Name: Weinberger Fed Com #135 Well

Pad

Work Order: E412120

Job Number: 23003-0002

Received: 12/16/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 12/19/24

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: 12/19/24

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

Project Name: Weinberger Fed Com #135 Well Pad

Workorder: E412120

Date Received: 12/16/2024 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/16/2024 8:00:00AM, under the Project Name: Weinberger Fed Com #135 Well Pad.

The analytical test results summarized in this report with the Project Name: Weinberger Fed Com #135 Well Pad apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

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

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

## **Table of Contents**

Т	itle Page	1
С	over Page	2
Т	able of Contents	3
S	ample Summary	5
S	ample Data	6
	FS 9-3'	6
	FS 10-3'	7
	FS 11-3'	8
	FS 12-3'	9
	FS 13-3'	10
	FS 14-3'	11
	FS 15-3'	12
	FS 16-3'	13
	FS 17-3'	14
	FS 18-3'	15
	FS 19-3'	16
	FS 21-3'	17
	FS 22-3'	18
	FS 23-3'	19
	FS 24-3'	20
	FS 26-4'	21
C	C Summary Data	22
	QC - Volatile Organics by EPA 8021B	22
	QC - Nonhalogenated Organics by EPA 8015D - GRO	23
	QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	24

# Table of Contents (continued)

QC - Anions by EPA 300.0/9056A	25
Definitions and Notes	26
Chain of Custody etc.	27

### Sample Summary

Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	Donoutoda
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/19/24 13:59

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS 9-3'	E412120-01A	Soil	12/12/24	12/16/24	Glass Jar, 2 oz.
FS 10-3'	E412120-02A	Soil	12/12/24	12/16/24	Glass Jar, 2 oz.
FS 11-3'	E412120-03A	Soil	12/12/24	12/16/24	Glass Jar, 2 oz.
FS 12-3'	E412120-04A	Soil	12/12/24	12/16/24	Glass Jar, 2 oz.
FS 13-3'	E412120-05A	Soil	12/12/24	12/16/24	Glass Jar, 2 oz.
FS 14-3'	E412120-06A	Soil	12/12/24	12/16/24	Glass Jar, 2 oz.
FS 15-3'	E412120-07A	Soil	12/12/24	12/16/24	Glass Jar, 2 oz.
FS 16-3'	E412120-08A	Soil	12/12/24	12/16/24	Glass Jar, 2 oz.
FS 17-3'	E412120-09A	Soil	12/12/24	12/16/24	Glass Jar, 2 oz.
FS 18-3'	E412120-10A	Soil	12/12/24	12/16/24	Glass Jar, 2 oz.
FS 19-3'	E412120-11A	Soil	12/12/24	12/16/24	Glass Jar, 2 oz.
FS 21-3'	E412120-12A	Soil	12/12/24	12/16/24	Glass Jar, 2 oz.
FS 22-3'	E412120-13A	Soil	12/12/24	12/16/24	Glass Jar, 2 oz.
FS 23-3'	E412120-14A	Soil	12/12/24	12/16/24	Glass Jar, 2 oz.
FS 24-3'	E412120-15A	Soil	12/12/24	12/16/24	Glass Jar, 2 oz.
FS 26-4'	E412120-16A	Soil	12/12/24	12/16/24	Glass Jar, 2 oz.

Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/19/2024 1:59:56PM

#### FS 9-3' E412120-01

		E-112120-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2451019
Benzene	ND	0.0250	1	12/16/24	12/17/24	
Ethylbenzene	ND	0.0250	1	12/16/24	12/17/24	
Toluene	ND	0.0250	1	12/16/24	12/17/24	
o-Xylene	ND	0.0250	1	12/16/24	12/17/24	
p,m-Xylene	ND	0.0500	1	12/16/24	12/17/24	
Total Xylenes	ND	0.0250	1	12/16/24	12/17/24	
Surrogate: 4-Bromochlorobenzene-PID		98.2 %	70-130	12/16/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2451019
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/16/24	12/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.4 %	70-130	12/16/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2451014
Diesel Range Organics (C10-C28)	ND	25.0	1	12/16/24	12/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/16/24	12/17/24	
Surrogate: n-Nonane		122 %	50-200	12/16/24	12/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2451018
Chloride	ND	20.0	1	12/16/24	12/16/24	

Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/19/2024 1:59:56PM

#### FS 10-3' E412120-02

		E-112120-02				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: IY		Batch: 2451019
Benzene	ND	0.0250	1	12/16/24	12/17/24	
Ethylbenzene	ND	0.0250	1	12/16/24	12/17/24	
Toluene	ND	0.0250	1	12/16/24	12/17/24	
o-Xylene	ND	0.0250	1	12/16/24	12/17/24	
p,m-Xylene	ND	0.0500	1	12/16/24	12/17/24	
Total Xylenes	ND	0.0250	1	12/16/24	12/17/24	
Surrogate: 4-Bromochlorobenzene-PID		96.2 %	70-130	12/16/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2451019
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/16/24	12/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.7 %	70-130	12/16/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2451014
Diesel Range Organics (C10-C28)	ND	25.0	1	12/16/24	12/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/16/24	12/17/24	
Surrogate: n-Nonane		119 %	50-200	12/16/24	12/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: JM		Batch: 2451018
Chloride	ND	20.0	1	12/16/24	12/16/24	

Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/19/2024 1:59:56PM

#### FS 11-3' E412120-03

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: IY		Batch: 2451019
ND	0.0250	1	12/16/24	12/17/24	
ND	0.0250	1	12/16/24	12/17/24	
ND	0.0250	1	12/16/24	12/17/24	
ND	0.0250	1	12/16/24	12/17/24	
ND	0.0500	1	12/16/24	12/17/24	
ND	0.0250	1	12/16/24	12/17/24	
	95.6 %	70-130	12/16/24	12/17/24	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2451019
ND	20.0	1	12/16/24	12/17/24	
	91.5 %	70-130	12/16/24	12/17/24	
mg/kg	mg/kg	Anal	yst: NV		Batch: 2451014
ND	25.0	1	12/16/24	12/17/24	
ND	50.0	1	12/16/24	12/17/24	
	119 %	50-200	12/16/24	12/17/24	
mg/kg	mg/kg	Anal	yst: JM		Batch: 2451018
ND	20.0	1	12/16/24	12/16/24	
	mg/kg ND ND ND ND ND ND ND ND ND ND ND ND Mg/kg ND  mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         20.0250           MD         20.0           91.5 %         mg/kg           ND         25.0           ND         50.0           119 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg         Anal           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           mg/kg         mg/kg         Anal           ND         20.0         1           gl.5 %         70-130         70-130           mg/kg         mg/kg         Anal           ND         25.0         1           ND         50.0         1           119 %         50-200           mg/kg         mg/kg         Anal	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         12/16/24           ND         0.0250         1         12/16/24           ND         0.0250         1         12/16/24           ND         0.0250         1         12/16/24           ND         0.0500         1         12/16/24           ND         0.0250         1         12/16/24           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         12/16/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         12/16/24           ND         50.0         1         12/16/24           ND         50.0         1         12/16/24           ND         50.0         1         12/16/24           Mg/kg         mg/kg         Analyst: JM	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         12/16/24         12/17/24           ND         0.0250         1         12/16/24         12/17/24           ND         0.0250         1         12/16/24         12/17/24           ND         0.0500         1         12/16/24         12/17/24           ND         0.0500         1         12/16/24         12/17/24           ND         0.0250         1         12/16/24         12/17/24           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         12/16/24         12/17/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         12/16/24         12/17/24           ND         25.0         1         12/16/24         12/17/24           ND         50.0         1         12/16/24         12/17/24           ND         50.0         1         12/16/24         12/17/24           ND         50.0         1         12/16/24         12/17/24           m



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/19/2024 1:59:56PM

#### FS 12-3' E412120-04

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2451019
Benzene	ND	0.0250	1	12/16/24	12/17/24	
Ethylbenzene	ND	0.0250	1	12/16/24	12/17/24	
Toluene	ND	0.0250	1	12/16/24	12/17/24	
o-Xylene	ND	0.0250	1	12/16/24	12/17/24	
p,m-Xylene	ND	0.0500	1	12/16/24	12/17/24	
Total Xylenes	ND	0.0250	1	12/16/24	12/17/24	
Surrogate: 4-Bromochlorobenzene-PID		95.6 %	70-130	12/16/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2451019
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/16/24	12/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.0 %	70-130	12/16/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2451014
Diesel Range Organics (C10-C28)	ND	25.0	1	12/16/24	12/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/16/24	12/17/24	
Surrogate: n-Nonane		116 %	50-200	12/16/24	12/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2451018
Chloride	ND	20.0	1	12/16/24	12/16/24	



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/19/2024 1:59:56PM

#### FS 13-3' E412120-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: IY		Batch: 2451019
Benzene	ND	0.0250	1	12/16/24	12/17/24	
Ethylbenzene	ND	0.0250	1	12/16/24	12/17/24	
Toluene	ND	0.0250	1	12/16/24	12/17/24	
o-Xylene	ND	0.0250	1	12/16/24	12/17/24	
p,m-Xylene	ND	0.0500	1	12/16/24	12/17/24	
Total Xylenes	ND	0.0250	1	12/16/24	12/17/24	
Surrogate: 4-Bromochlorobenzene-PID		95.4 %	70-130	12/16/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	/st: IY		Batch: 2451019
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/16/24	12/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.9 %	70-130	12/16/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2451014
Diesel Range Organics (C10-C28)	ND	25.0	1	12/16/24	12/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/16/24	12/17/24	
Surrogate: n-Nonane		113 %	50-200	12/16/24	12/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: JM		Batch: 2451018
Chloride	ND	20.0	1	12/16/24	12/16/24	

Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/19/2024 1:59:56PM

#### FS 14-3' E412120-06

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2451019
Benzene	ND	0.0250	1	12/16/24	12/18/24	
Ethylbenzene	ND	0.0250	1	12/16/24	12/18/24	
Toluene	ND	0.0250	1	12/16/24	12/18/24	
o-Xylene	ND	0.0250	1	12/16/24	12/18/24	
p,m-Xylene	ND	0.0500	1	12/16/24	12/18/24	
Total Xylenes	ND	0.0250	1	12/16/24	12/18/24	
Surrogate: 4-Bromochlorobenzene-PID		96.3 %	70-130	12/16/24	12/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2451019
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/16/24	12/18/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.2 %	70-130	12/16/24	12/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2451014
Diesel Range Organics (C10-C28)	ND	25.0	1	12/16/24	12/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/16/24	12/17/24	
Surrogate: n-Nonane		116 %	50-200	12/16/24	12/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2451018
Chloride	ND	20.0	1	12/16/24	12/16/24	



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/19/2024 1:59:56PM

#### FS 15-3' E412120-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2451019
Benzene	ND	0.0250	1	12/16/24	12/18/24	
Ethylbenzene	ND	0.0250	1	12/16/24	12/18/24	
Toluene	ND	0.0250	1	12/16/24	12/18/24	
o-Xylene	ND	0.0250	1	12/16/24	12/18/24	
p,m-Xylene	ND	0.0500	1	12/16/24	12/18/24	
Total Xylenes	ND	0.0250	1	12/16/24	12/18/24	
Surrogate: 4-Bromochlorobenzene-PID		95.0 %	70-130	12/16/24	12/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: IY		Batch: 2451019
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/16/24	12/18/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.5 %	70-130	12/16/24	12/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2451014
Diesel Range Organics (C10-C28)	ND	25.0	1	12/16/24	12/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/16/24	12/17/24	
Surrogate: n-Nonane		117 %	50-200	12/16/24	12/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: JM		Batch: 2451018
Chloride	ND	20.0	1	12/16/24	12/16/24	



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/19/2024 1:59:56PM

#### FS 16-3' E412120-08

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	yst: IY		Batch: 2451019
ND	0.0250	1	12/16/24	12/18/24	
ND	0.0250	1	12/16/24	12/18/24	
ND	0.0250	1	12/16/24	12/18/24	
ND	0.0250	1	12/16/24	12/18/24	
ND	0.0500	1	12/16/24	12/18/24	
ND	0.0250	1	12/16/24	12/18/24	
	94.9 %	70-130	12/16/24	12/18/24	
mg/kg	mg/kg	Analy	yst: IY		Batch: 2451019
ND	20.0	1	12/16/24	12/18/24	
	93.4 %	70-130	12/16/24	12/18/24	
mg/kg	mg/kg	Analy	yst: NV		Batch: 2451014
ND	25.0	1	12/16/24	12/17/24	
ND	50.0	1	12/16/24	12/17/24	
	119 %	50-200	12/16/24	12/17/24	
mg/kg	mg/kg	Analy	yst: JM		Batch: 2451018
ND	20.0	1	12/16/24	12/16/24	
	mg/kg ND ND ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         0.0250           MD         20.0           93.4 %         mg/kg           ND         25.0           ND         50.0           119 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg         Analy           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           mg/kg         mg/kg         Analy           ND         20.0         1           mg/kg         mg/kg         Analy           ND         25.0         1           ND         50.0         1           119 %         50-200           mg/kg         mg/kg         Analy	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         12/16/24           ND         0.0250         1         12/16/24           ND         0.0250         1         12/16/24           ND         0.0500         1         12/16/24           ND         0.0500         1         12/16/24           ND         0.0250         1         12/16/24           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         12/16/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         12/16/24           ND         25.0         1         12/16/24           ND         50.0         1         12/16/24           ND         50.0         1         12/16/24           Mg/kg         mg/kg         Analyst: JM	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         12/16/24         12/18/24           ND         0.0250         1         12/16/24         12/18/24           ND         0.0250         1         12/16/24         12/18/24           ND         0.0500         1         12/16/24         12/18/24           ND         0.0500         1         12/16/24         12/18/24           ND         0.0250         1         12/16/24         12/18/24           mg/kg         mg/kg         Analyst: IY         12/16/24         12/18/24           mg/kg         mg/kg         Analyst: IY         12/16/24         12/18/24           mg/kg         mg/kg         Analyst: NV         12/16/24         12/18/24           ND         25.0         1         12/16/24         12/17/24           ND         25.0         1         12/16/24         12/17/24           ND         50.0         1         12/16/24         12/17/24           ND         50.0         1         12/16/24         12/17/24           mg/kg



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/19/2024 1:59:56PM

#### FS 17-3' E412120-09

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: IY		Batch: 2451019
ND	0.0250	1	12/16/24	12/18/24	
ND	0.0250	1	12/16/24	12/18/24	
ND	0.0250	1	12/16/24	12/18/24	
ND	0.0250	1	12/16/24	12/18/24	
ND	0.0500	1	12/16/24	12/18/24	
ND	0.0250	1	12/16/24	12/18/24	
	94.6 %	70-130	12/16/24	12/18/24	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2451019
ND	20.0	1	12/16/24	12/18/24	
	92.0 %	70-130	12/16/24	12/18/24	
mg/kg	mg/kg	Anal	yst: NV		Batch: 2451014
ND	25.0	1	12/16/24	12/17/24	
ND	50.0	1	12/16/24	12/17/24	
	125 %	50-200	12/16/24	12/17/24	
mg/kg	mg/kg	Anal	yst: JM		Batch: 2451018
ND	20.0	1	12/16/24	12/17/24	
	mg/kg ND ND ND ND ND ND ND ND ND ND ND ND Mg/kg ND  mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         0.0250           94.6 %         mg/kg           ND         20.0           92.0 %         mg/kg           ND         25.0           ND         50.0           125 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg         Anal           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           94.6 %         70-130           mg/kg         mg/kg         Anal           ND         20.0         1           92.0 %         70-130         1           mg/kg         mg/kg         Anal           ND         25.0         1           ND         50.0         1           125 %         50-200           mg/kg         mg/kg         Anal	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         12/16/24           ND         0.0250         1         12/16/24           ND         0.0250         1         12/16/24           ND         0.0250         1         12/16/24           ND         0.0500         1         12/16/24           ND         0.0250         1         12/16/24           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         12/16/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         12/16/24           ND         50.0         1         12/16/24           ND         50.0         1         12/16/24           ND         50.0         1         12/16/24           Mg/kg         Mg/kg         Analyst: JM	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         12/16/24         12/18/24           ND         0.0250         1         12/16/24         12/18/24           ND         0.0250         1         12/16/24         12/18/24           ND         0.0500         1         12/16/24         12/18/24           ND         0.0500         1         12/16/24         12/18/24           ND         0.0250         1         12/16/24         12/18/24           mg/kg         mg/kg         Analyst: IY         ND         12/16/24         12/18/24           mg/kg         mg/kg         Analyst: IY         12/16/24         12/18/24           mg/kg         mg/kg         Analyst: NV         ND         25.0         1         12/16/24         12/17/24           ND         25.0         1         12/16/24         12/17/24         12/17/24           ND         50.0         1         12/16/24         12/17/24           ND         50.0         1         12/16/24         12/17/24           mg/kg         mg/kg



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/19/2024 1:59:56PM

#### FS 18-3' E412120-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2451019
Benzene	ND	0.0250	1	12/16/24	12/18/24	
Ethylbenzene	ND	0.0250	1	12/16/24	12/18/24	
Toluene	ND	0.0250	1	12/16/24	12/18/24	
o-Xylene	ND	0.0250	1	12/16/24	12/18/24	
p,m-Xylene	ND	0.0500	1	12/16/24	12/18/24	
Total Xylenes	ND	0.0250	1	12/16/24	12/18/24	
Surrogate: 4-Bromochlorobenzene-PID		93.8 %	70-130	12/16/24	12/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2451019
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/16/24	12/18/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.2 %	70-130	12/16/24	12/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2451014
Diesel Range Organics (C10-C28)	ND	25.0	1	12/16/24	12/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/16/24	12/17/24	
Surrogate: n-Nonane		117 %	50-200	12/16/24	12/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: JM		Batch: 2451018
Chloride	ND	20.0	1	12/16/24	12/17/24	



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/19/2024 1:59:56PM

#### FS 19-3' E412120-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2451019
Benzene	ND	0.0250	1	12/16/24	12/18/24	
Ethylbenzene	ND	0.0250	1	12/16/24	12/18/24	
Toluene	ND	0.0250	1	12/16/24	12/18/24	
o-Xylene	ND	0.0250	1	12/16/24	12/18/24	
p,m-Xylene	ND	0.0500	1	12/16/24	12/18/24	
Total Xylenes	ND	0.0250	1	12/16/24	12/18/24	
Surrogate: 4-Bromochlorobenzene-PID		96.3 %	70-130	12/16/24	12/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: IY		Batch: 2451019
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/16/24	12/18/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.9 %	70-130	12/16/24	12/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2451014
Diesel Range Organics (C10-C28)	ND	25.0	1	12/16/24	12/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/16/24	12/17/24	
Surrogate: n-Nonane		125 %	50-200	12/16/24	12/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: JM		Batch: 2451018
Chloride	ND	20.0	1	12/16/24	12/17/24	



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/19/2024 1:59:56PM

#### FS 21-3' E412120-12

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: IY		Batch: 2451019
ND	0.0250	1	12/16/24	12/18/24	
ND	0.0250	1	12/16/24	12/18/24	
ND	0.0250	1	12/16/24	12/18/24	
ND	0.0250	1	12/16/24	12/18/24	
ND	0.0500	1	12/16/24	12/18/24	
ND	0.0250	1	12/16/24	12/18/24	
	94.6 %	70-130	12/16/24	12/18/24	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2451019
ND	20.0	1	12/16/24	12/18/24	
	92.2 %	70-130	12/16/24	12/18/24	
mg/kg	mg/kg	Anal	yst: NV		Batch: 2451014
ND	25.0	1	12/16/24	12/17/24	
ND	50.0	1	12/16/24	12/17/24	
	122 %	50-200	12/16/24	12/17/24	
mg/kg	mg/kg	Anal	yst: JM		Batch: 2451018
ND	20.0	1	12/16/24	12/17/24	
	mg/kg ND ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         0.0250           94.6 %         mg/kg           MD         20.0           92.2 %         mg/kg           ND         25.0           ND         50.0           122 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg         Anal           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           94.6 %         70-130           mg/kg         mg/kg         Anal           ND         20.0         1           92.2 %         70-130         1           mg/kg         mg/kg         Anal           ND         25.0         1           ND         50.0         1           122 %         50-200           mg/kg         mg/kg         Anal	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         12/16/24           ND         0.0250         1         12/16/24           ND         0.0250         1         12/16/24           ND         0.0500         1         12/16/24           ND         0.0250         1         12/16/24           ND         0.0250         1         12/16/24           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         12/16/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         12/16/24           ND         25.0         1         12/16/24           ND         50.0         1         12/16/24           ND         50.0         1         12/16/24           Mg/kg         mg/kg         Analyst: JM	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         12/16/24         12/18/24           ND         0.0250         1         12/16/24         12/18/24           ND         0.0250         1         12/16/24         12/18/24           ND         0.0500         1         12/16/24         12/18/24           ND         0.0500         1         12/16/24         12/18/24           ND         0.0250         1         12/16/24         12/18/24           mg/kg         mg/kg         Analyst: IY         12/16/24         12/18/24           mg/kg         mg/kg         Analyst: IY         12/16/24         12/18/24           mg/kg         mg/kg         Analyst: NV         12/16/24         12/18/24           ND         25.0         1         12/16/24         12/17/24           ND         25.0         1         12/16/24         12/17/24           ND         50.0         1         12/16/24         12/17/24           ND         50.0         1         12/16/24         12/17/24           mg/kg

Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/19/2024 1:59:56PM

#### FS 22-3' E412120-13

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	yst: IY		Batch: 2451019
ND	0.0250	1	12/16/24	12/18/24	
ND	0.0250	1	12/16/24	12/18/24	
ND	0.0250	1	12/16/24	12/18/24	
ND	0.0250	1	12/16/24	12/18/24	
ND	0.0500	1	12/16/24	12/18/24	
ND	0.0250	1	12/16/24	12/18/24	
	94.7 %	70-130	12/16/24	12/18/24	
mg/kg	mg/kg	Analy	yst: IY		Batch: 2451019
ND	20.0	1	12/16/24	12/18/24	
	91.0 %	70-130	12/16/24	12/18/24	
mg/kg	mg/kg	Analy	yst: NV		Batch: 2451014
ND	25.0	1	12/16/24	12/17/24	
ND	50.0	1	12/16/24	12/17/24	
	124 %	50-200	12/16/24	12/17/24	
mg/kg	mg/kg	Analy	yst: JM		Batch: 2451018
ND	20.0	1	12/16/24	12/17/24	
	mg/kg ND ND ND ND ND ND ND ND ND ND mg/kg ND mg/kg	mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         0.0250           94.7 %         mg/kg           MD         20.0           91.0 %         mg/kg           ND         25.0           ND         50.0           124 %         mg/kg           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         Analy           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           MD         0.0250         1           MD         0.0250         1           94.7 %         70-130         70-130           mg/kg         mg/kg         Analy           ND         20.0         1           ND         25.0         1           ND         50.0         1           124 %         50-200           mg/kg         mg/kg         Analy	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         12/16/24           ND         0.0250         1         12/16/24           ND         0.0250         1         12/16/24           ND         0.0500         1         12/16/24           ND         0.0250         1         12/16/24           ND         0.0250         1         12/16/24           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         12/16/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         12/16/24           ND         25.0         1         12/16/24           ND         50.0         1         12/16/24           ND         50.0         1         12/16/24           mg/kg         mg/kg         Analyst: NV	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         12/16/24         12/18/24           ND         0.0250         1         12/16/24         12/18/24           ND         0.0250         1         12/16/24         12/18/24           ND         0.0500         1         12/16/24         12/18/24           ND         0.0500         1         12/16/24         12/18/24           ND         0.0250         1         12/16/24         12/18/24           mg/kg         mg/kg         Analyst: IY         12/16/24         12/18/24           mg/kg         mg/kg         Analyst: IY         12/16/24         12/18/24           mg/kg         mg/kg         Analyst: NV         12/16/24         12/18/24           ND         25.0         1         12/16/24         12/17/24           ND         25.0         1         12/16/24         12/17/24           ND         50.0         1         12/16/24         12/17/24           ND         50.0         1         12/16/24         12/17/24           mg/kg



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/19/2024 1:59:56PM

#### FS 23-3' E412120-14

	2112120 11				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	st: IY		Batch: 2451019
ND	0.0250	1	12/16/24	12/18/24	
ND	0.0250	1	12/16/24	12/18/24	
ND	0.0250	1	12/16/24	12/18/24	
ND	0.0250	1	12/16/24	12/18/24	
ND	0.0500	1	12/16/24	12/18/24	
ND	0.0250	1	12/16/24	12/18/24	
	95.0 %	70-130	12/16/24	12/18/24	
mg/kg	mg/kg	Analy	st: IY		Batch: 2451019
ND	20.0	1	12/16/24	12/18/24	
	91.3 %	70-130	12/16/24	12/18/24	
mg/kg	mg/kg	Analy	st: NV		Batch: 2451014
ND	25.0	1	12/16/24	12/17/24	
ND	50.0	1	12/16/24	12/17/24	
	119 %	50-200	12/16/24	12/17/24	
mg/kg	mg/kg	Analy	st: JM		Batch: 2451018
ND	20.0	1	12/16/24	12/17/24	
	mg/kg ND ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         0.0250           MD         20.0           91.3 %         mg/kg           MD         25.0           ND         50.0           119 %         mg/kg           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         Analy           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           MD         0.0250         1           MD         20.0250         1           MB/kg         mg/kg         Analy           ND         20.0         1           MB/kg         mg/kg         Analy           ND         25.0         1           ND         50.0         1           MB/kg         mg/kg         Analy	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         12/16/24           ND         0.0250         1         12/16/24           ND         0.0250         1         12/16/24           ND         0.0500         1         12/16/24           ND         0.0250         1         12/16/24           ND         0.0250         1         12/16/24           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         12/16/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         12/16/24           ND         25.0         1         12/16/24           ND         50.0         1         12/16/24           ND         50.0         1         12/16/24           Mg/kg         mg/kg         Analyst: JM	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         12/16/24         12/18/24           ND         0.0250         1         12/16/24         12/18/24           ND         0.0250         1         12/16/24         12/18/24           ND         0.0500         1         12/16/24         12/18/24           ND         0.0500         1         12/16/24         12/18/24           ND         0.0250         1         12/16/24         12/18/24           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         12/16/24         12/18/24           mg/kg         mg/kg         Analyst: IY         12/16/24         12/18/24           ND         20.0         1         12/16/24         12/18/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         12/16/24         12/17/24           ND         50.0         1         12/16/24         12/17/24           ND         50.0         1         12/16/24         12/17/24



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/19/2024 1:59:56PM

#### FS 24-3' E412120-15

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	yst: IY		Batch: 2451019
ND	0.0250	1	12/16/24	12/18/24	
ND	0.0250	1	12/16/24	12/18/24	
ND	0.0250	1	12/16/24	12/18/24	
ND	0.0250	1	12/16/24	12/18/24	
ND	0.0500	1	12/16/24	12/18/24	
ND	0.0250	1	12/16/24	12/18/24	
	97.2 %	70-130	12/16/24	12/18/24	
mg/kg	mg/kg	Analy	yst: IY		Batch: 2451019
ND	20.0	1	12/16/24	12/18/24	
	92.1 %	70-130	12/16/24	12/18/24	
mg/kg	mg/kg	Analy	yst: NV		Batch: 2451014
ND	25.0	1	12/16/24	12/17/24	
ND	50.0	1	12/16/24	12/17/24	
	116 %	50-200	12/16/24	12/17/24	
mg/kg	mg/kg	Analy	yst: JM		Batch: 2451018
ND	20.0	1	12/16/24	12/17/24	
	mg/kg ND ND ND ND ND ND ND ND ND ND ND Mg/kg ND  mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         20.0250           97.2 %         mg/kg           MB/kg         mg/kg           ND         20.0           92.1 %         mg/kg           ND         25.0           ND         50.0           116 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg         Analy           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           97.2 %         70-130           mg/kg         mg/kg         Analy           ND         20.0         1           92.1 %         70-130         1           mg/kg         mg/kg         Analy           ND         25.0         1           ND         50.0         1           116 %         50-200           mg/kg         mg/kg         Analy	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         12/16/24           ND         0.0250         1         12/16/24           ND         0.0250         1         12/16/24           ND         0.0500         1         12/16/24           ND         0.0250         1         12/16/24           ND         0.0250         1         12/16/24           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         12/16/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         12/16/24           ND         50.0         1         12/16/24           ND         50.0         1         12/16/24           MB/kg         Mg/kg         Analyst: NV         Analyst: ND	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IV           ND         0.0250         1         12/16/24         12/18/24           ND         0.0250         1         12/16/24         12/18/24           ND         0.0250         1         12/16/24         12/18/24           ND         0.0500         1         12/16/24         12/18/24           ND         0.0500         1         12/16/24         12/18/24           ND         0.0250         1         12/16/24         12/18/24           mg/kg         mg/kg         Analyst: IY         ND         12/16/24         12/18/24           mg/kg         mg/kg         Analyst: IY         12/16/24         12/18/24           mg/kg         mg/kg         Analyst: NV         ND         25.0         1         12/16/24         12/17/24           ND         25.0         1         12/16/24         12/17/24           ND         50.0         1         12/16/24         12/17/24           ND         50.0         1         12/16/24         12/17/24           MB/kg         Mg/kg         Analyst: JM



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/19/2024 1:59:56PM

#### FS 26-4' E412120-16

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2451019
Benzene	ND	0.0250	1	12/16/24	12/18/24	
Ethylbenzene	ND	0.0250	1	12/16/24	12/18/24	
Toluene	ND	0.0250	1	12/16/24	12/18/24	
o-Xylene	ND	0.0250	1	12/16/24	12/18/24	
p,m-Xylene	ND	0.0500	1	12/16/24	12/18/24	
Total Xylenes	ND	0.0250	1	12/16/24	12/18/24	
Surrogate: 4-Bromochlorobenzene-PID		95.1 %	70-130	12/16/24	12/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2451019
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/16/24	12/18/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.6 %	70-130	12/16/24	12/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2451014
Diesel Range Organics (C10-C28)	ND	25.0	1	12/16/24	12/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/16/24	12/17/24	
Surrogate: n-Nonane		114 %	50-200	12/16/24	12/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2451018
					12/17/24	·



Surrogate: 4-Bromochlorobenzene-PID

### **QC Summary Data**

Matador Resources, LLC.Project Name:Weinberger Fed Com #135 Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo12/19/2024 1:59:56PM

Dallas TX, 75240		Project Number: Project Manager:		shley Gioveng	0			12	2/19/2024 1:59:56PN
		Volatile O	rganics b	y EPA 802	1B				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2451019-BLK1)						I	Prepared: 12	2/16/24 Ana	alyzed: 12/17/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.76		8.00		97.0	70-130			
LCS (2451019-BS1)						I	Prepared: 12	2/16/24 Ana	alyzed: 12/17/24
Benzene	5.21	0.0250	5.00		104	70-130			
Ethylbenzene	5.07	0.0250	5.00		101	70-130			
Toluene	5.16	0.0250	5.00		103	70-130			
p-Xylene	5.07	0.0250	5.00		101	70-130			
p,m-Xylene	10.3	0.0500	10.0		103	70-130			
Total Xylenes	15.4	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.78		8.00		97.2	70-130			
LCS Dup (2451019-BSD1)						I	Prepared: 12	2/16/24 Ana	alyzed: 12/17/24
Benzene	5.74	0.0250	5.00		115	70-130	9.70	20	
Ethylbenzene	5.60	0.0250	5.00		112	70-130	9.89	20	
Toluene	5.69	0.0250	5.00		114	70-130	9.73	20	
o-Xylene	5.61	0.0250	5.00		112	70-130	10.1	20	
o,m-Xylene	11.4	0.0500	10.0		114	70-130	9.79	20	
Total Xylenes	17.0	0.0250	15.0		113	70-130	9.88	20	

70-130



Surrogate: 1-Chloro-4-fluorobenzene-FID

7.49

### **QC Summary Data**

Matador Resources, LLC.Project Name:Weinberger Fed Com #135 Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo12/19/20241:59:56PM

Dallas TX, 75240		Project Manager		shley Gioveng	o			12/1	9/2024 1:59:56PM
	Non	halogenated (	Organics l	by EPA 801	15D - G	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2451019-BLK1)						]	Prepared: 12	2/16/24 Analy	zed: 12/17/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.31		8.00		91.4	70-130			
LCS (2451019-BS2)						1	Prepared: 12	2/16/24 Analy	zed: 12/17/24
Gasoline Range Organics (C6-C10)	45.4	20.0	50.0		90.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.43		8.00		92.8	70-130			
LCS Dup (2451019-BSD2)						1	Prepared: 12	2/16/24 Analy	zed: 12/17/24
Gasoline Range Organics (C6-C10)	47.9	20.0	50.0		95.8	70-130	5.33	20	

93.6

70-130

Matador Resources, LLC.Project Name:Weinberger Fed Com #135 Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo12/19/20241:59:56PM

Dallas 1X, /5240		Project Manager	r: As	niey Gioveng	go				12/19/2024 1:59:50PI
	Nonha	logenated Or	ganics by l	EPA 8015I	) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2451014-BLK1)							Prepared: 12	2/16/24 A	nalyzed: 12/17/24
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	61.7		50.0		123	50-200			
LCS (2451014-BS1)							Prepared: 12	2/16/24 A	nalyzed: 12/17/24
Diesel Range Organics (C10-C28)	270	25.0	250		108	38-132			
urrogate: n-Nonane	58.9		50.0		118	50-200			
Matrix Spike (2451014-MS1)				Source:	E412120-1	13	Prepared: 12	2/16/24 A	nalyzed: 12/17/24
Diesel Range Organics (C10-C28)	284	25.0	250	ND	114	38-132			
urrogate: n-Nonane	59.6		50.0		119	50-200			
Matrix Spike Dup (2451014-MSD1)				Source:	E412120-1	13	Prepared: 12	2/16/24 A	nalyzed: 12/17/24
Diesel Range Organics (C10-C28)	285	25.0	250	ND	114	38-132	0.0649	20	
urrogate: n-Nonane	59.4		50.0		119	50-200			

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500	Project Name: Project Number:	Weinberger Fed Com #135 Well Pad 23003-0002	Reported:
Dallas TX, 75240	Project Number: Project Manager:	Ashley Giovengo	12/19/2024 1:59:56PM

		Anions	by EPA 3	00.0/9056 <i>A</i>	1				Analyst: JM
nalyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

mg/kg	mg/kg	mg/kg	mg/Kg	%	%	%	%	Notes
						Prepared: 1	2/16/24 An	alyzed: 12/16/24
ND	20.0							
						Prepared: 1	2/16/24 An	alyzed: 12/16/24
249	20.0	250		99.8	90-110			
						Prepared: 1	2/16/24 An	alyzed: 12/16/24
250	20.0	250		100	90-110	0.241	20	
_	ND 249	ND 20.0	ND 20.0 249 20.0 250	ND 20.0 249 20.0 250	ND 20.0 249 20.0 250 99.8	ND 20.0 249 20.0 250 99.8 90-110	Prepared: 1:  ND 20.0  Prepared: 1:  249 20.0 250 99.8 90-110  Prepared: 1:	Prepared: 12/16/24 An ND 20.0  Prepared: 12/16/24 An 249 20.0 250 99.8 90-110  Prepared: 12/16/24 An 249 Prepared: 12/16/24 Prepared: 12/16/24 Prepared: 12/16/24 Prepared: 12/16/24 Prepared: 12/16/24 Prepared: 12/16/24 Prepare

#### QC Summary Report Comment:

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



### **Definitions and Notes**

l	Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
l	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
l	Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/19/24 13:59

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  Client: MATADOR PRODUCTION COMPANY Company: Ensolum LLC										ļ		L	ab U	se Or	ıly				T	AT				Stat	e			
Client: MATADOR PRODUCTION COMPANY Company: Ensolum LLC											La	b,WO	生.	_	Job	Num	ber		1D	2D	3D	Std		NM	CO UT	TX		
Project:	Weinberger	Fed Com	135	Well	<u>Pad</u>				22 National Park			<u> </u>	<b>4</b> //	212	0	23	063	3.0	007	-			Х		X			
Project N	Manager: A	shley Gio	venge				<u>City</u>	, State, Z	ip: Carlsbad NM	<u>, 88220</u>	)															\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
Address:	3122 Natio	onal Parks	s Hwy				<u>Phor</u>	<u>ne: 575</u>	5-988-0055	- 12		<u>—</u> l				Ana	alysis	and	Met	hod					EP/	A Progra		
City, Stat	te, Zip: Carl	sbad NM	<u>, 882:</u>	20			Ema	ail: agi	ovengo@ensolun	n.com				Π				1						SD\	NA	CWA	RC	CRA
Phone:	575-988-00 <u>5</u>	55					Misc	ellaneou	is:	i			1			1		ł										
Email: a	giovengo@e	ensolum.	com										153	12										Com	plianc	e Y	or	N
-													୷ଞ	&	=	۱.	9	=	lخ	뚩				PWS	ID#			
<u> </u>					Sam	ple Info	rmatio	n					่ ไ ซึ่	2	8	828	ĕ	Ž	8	ğ								
Time Sampled	Date Sampled	Matrix		o. of tainers			9	Sample IC			Field Filter	Lab Numbe	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals					ļ	Remarks	,	
1052	12/12/24	Sil		1		FS	, 9	- 7	, l >			1						*										
1049	(	,		١		1	10	)	]			2						+										
1051		$\Pi$		1			- 11					3						メ										
1046							12		_			4						+										
1056							13					5						1				Г						
1043				$\top$			14					1 6	T					1										
1045				T			15					7	1					ナ										
1038				1			16					8						1										
1049				†			17					9	-	+			_	1										
1043		1 1	+-	t			18		,			10	$\dagger$					+										
	al Instructi	onsi Bla	2250 (	·C. ch	urton@a	ncolum			o@ensolum.com	- cham		,	-lum		ioste	ulla 6	9000				0.016	Jose -	01					
1	ns@ensolui						1.00111, 6	BIOACHE	owensolum.com	i, ciian	mico	ii@eiisc	nuiii.	com,	iesti	Cila	y ema	Oluli	11.001	ii, bu	cale	/C1130	Olull		,			
							ware that	tampering v	with or intentionally mis	labeling t	he sar	mple locati	on, dat	e or tin	ne of co	ollectio	n is co	nsider	ed frau	d and	may b	e grou	nds for	legal a	ction.			
Sampled by	:Higinio G	ionzalez 🔝	~ <i>Y</i> .	Tann	لام.الا عا	41.0															-	•		-				
Relinquish	ed by: (Signati	ure)		Date		Time	a )	Received	by: (Signature)	a	Date		Tim	e												on ice the da		
	I PE			12	-13-24	1089	$\omega$	VVljek	ulle Gonz	rles	12	13-24	10	780	$\alpha$			sampl	led or re	ceived	packed	in ice a	it an av	g temp a	bove 0 t	but less than	6 °C oπ	В
Wic	helle G	onza	les	Date 12-	- <i>13-24</i> 13:24	Time 16	$\mathbb{Z}$	Received I	by: (Signature)  (Signature)  (Signature)	ı	Date	.13.29	Tim	2	<b>o</b>			Rec	eive	d on i	ice:	_	ab U:	se On	ly			
Relingvish	ed by: (Signati	ure)			13.24		300	Received I	ov: (fersture)	1100	Date	2.16%	Į lini	575	つ			T1				T2	,			Т3		
Relinquish	ed by: (Signati	ure)	-	Date		Time		Received I	by: (Signature)		Date		11410	e				AVC	3 Ten	np °(	— :	4						_
Sample Ma	trix: <b>S -</b> Soil, <b>Sd -</b>	Solid, Sg - Sl	udge, A	- Aque	ous, O - Otho	<u></u>	<u>_</u>				Conf	tainer Ty	pe: g	- glas	s, p -	poly/	plasti	c, ag	- am	ber g	ass, v	<u> 1- vo</u>	A			<del></del>		
	-							_	nts are made. Hazaro	dous sam	ples	will be re	turnec	to cli	ent or	dispo	sed o	f at th						for the	analy	sis of the	above	e
samples is	applicable on	ly to those	sample	es rece	ived by the	laborato	ory with t	his COC. T	he liability of the labo	oratory is	s limi	ited to the	amou	ınt pai	d for	on the	repo	rt.										

									Chain of	Cust	ody														Page	1_of_7
	Cli	ent Inforr	nation					nvoice In	formation		Т			La	b Use	e On	lv		Т	-	TAT			Stat	te	ר
Client: M	ATADOR P			IPANY		Com		nsolum L			<del>-  </del> i	ah \	NO#			_	Numl	er	-+	1D 2				CO UT		1
	Weinberge								nal Parks Hwy			Ē4	NO# I/Z	121	ワー	2	300	100	zŀ		-	X	<del>الاً ال</del>	. 60 0.	<del>'   '^   -</del>	1
	/lanager: A					City,	State, Zi	ip: Carlst	oad NM, 8822	0						-										
<u>Address:</u>	3122 Nati	onal Parks	Hwy			Phon	e: 575	<u>-988-005</u>	5			Γ				Analysis and Method							E	PA Progr	am	
City, Stat	e, Zip: Car	Isbad NM	88220			Ema	il: agio	vengo@	ensolum.com			Γ											SDWA	CWA	RCRA	
Phone:	575-988-00	55				Misce	llaneous	s:				١	ł	ŀ	ŀ					- }	1		_			
Email: a	giovengo@	<u>ensolum.</u>	com									ĺ	<b>₹</b>	5	ı			- 1		i			Complia		or N	
•												_	by 8015	8	я I	ا ہ	8	5	ا ج	察	İ		PWSID #	<u> </u>		
				San	nple Infor	matior	1					_	ğ	8	8	826	8	ž	ģ	Z S						
Time Sampled	Date Sample	l Matrix	No. o			S	ample ID			Field	Lab Numb	ber	DRO/ORO	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Remark	s 	
1041	12/12/24	Soil	1		PS	> 10	1 - 7	3'			11							+								
1040	1	1			1	2	١.	1			12							+								]
1036						2	2				13							+								1
1035							3				14							+								1
1037						$\overline{\imath}$	4	,			15							+			1					1
1033		1	1		1	1	6 -L	4'			14	,						X	$\dashv$							1
												$\dashv$		7				Ť		+	$\dagger$	$\dagger$				1
														_	1				_	十	$\dagger$	+	1 -			1
	l	<del>                                     </del>								╁┈		$\dashv$		$\dashv$					+	+	+	+				1
		-	<del> </del>						l	+-		$\dashv$	+	$\dashv$	_			$\dashv$	$\dashv$	$\dashv$	+	+			<u> </u>	1
						com, a	giovengo	o@ensol	um.com, cha	 milto	n@en:	solu	m.co	m, i	 estre	lla@	enso	olum.	com,	, bde	al@ei	rsolu	m.com,			-
	ns@ensolu																									
I, (field sam Sampled by	pler), attest to :Higinio	the validity an Gonzalez_ <b>Q</b> /	id authent	icity of this san	nple. I am awa	are that t	ampering w	vith or intent	ionally mislabeling	the sa	mple loca	ation,	date o	r time	of coll	ection	is con	sidered	fraud	and m	y be gr	ounds f	or legal action	<b>.</b>		
	ed by: (Signa	urel	C	ate	Time 24 0800	)	eceived b	y: Signatu	re) ongales	Date	13.2	4	Time	) So				sampled	or rec	elved pa			must be receive			1
Relinquish	ed by: (Signer	oner	- IC	121324	Time	F	Received b	(Signatur	re)	Date		ľ	Time	<u> 3</u>				Recei		on ice		Jab I	Jse Only N			1
Religiduish	ed by: (Signa	<del>- // -</del>		ate 2-13-24	Time	Ĭ	Received by	y: (Signatu	re)	Date	-/6.7		Time (					 T1			T:	<i>ن</i> ي		<u>T3</u>		
Relinquish	ed by: (Signa	cure)		ate	Time		Received b	y: (Signatu	re)	Date	, <del>- U</del>	•	Time	<u>~</u>				AVG	[em	p°C	- <u>-</u>	-		<u></u>		
Sample Mar	rix: <b>S</b> - Soil, <b>Sd</b>	- Solid, Sg - Sl	udge, A - A	queous, O - Ot	ther					Con	tainer	Type	: g - g	lass,	<b>p</b> - po	oly/p	lastic	, ag -	ambo	er glas	s, v - \	70A	<del></del>			+

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



Page 144 of 240

Printed: 12/16/2024 9:58:19AM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Matador Resources, LLC.	Date Received:	12/16/24	08:00		Work Order ID:	E412120
Phone:	(972) 371-5200	Date Logged In:	12/13/24	16:47		Logged In By:	Noe Soto
Email:	agiovengo@ensolum.com	Due Date:	12/20/24	17:00 (4 day TAT)			
Chain of	Custody (COC)						
	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location mat	ch the COC					
	amples dropped off by client or carrier?	on the coc	Yes Yes	<b>C</b> : <b>C</b>			
	e COC complete, i.e., signatures, dates/times, reques	ted analyses?	Yes	Carrier: <u>C</u>	ourier		
	Il samples received within holding time?	ica anaryses:	Yes				
3. Were a	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion		103			<u>Comment</u>	s/Resolution
Sample T	<u> Curn Around Time (TAT)</u>						
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C							
	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes,	, were custody/security seals intact?		NA				
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	received w/i 15	Yes				
		temperature. 1	<u> </u>				
Sample C	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers?		Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lat	· · ·	ers conected?	165				
•	field sample labels filled out with the minimum info	rmation:					
	ample ID?	illiation.	Yes				
	ate/Time Collected?		Yes	l			
C	ollectors name?		No				
Sample P	reservation_						
21. Does	the COC or field labels indicate the samples were pr	eserved?	No				
22. Are sa	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved m	etals?	No				
Multipha	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multiphas	se?	No				
27. If yes,	, does the COC specify which phase(s) is to be analy	zed?	NA				
Subcontr	act Laboratory						
	amples required to get sent to a subcontract laborator	w9	No				
	subcontract laboratory specified by the client and if	•	NA	Subcontract Lab	NIA		
	· - ·	so who:	1421	Subcontract Lab	, NA		
Client Ir	<u>nstruction</u>						
L							

Date

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

Practical Solutions for a Better Tomorrow

## **Analytical Report**

Matador Resources, LLC.

Project Name: Weinberger Fed Com #135 Well

Pad

Work Order: E412128

Job Number: 23003-0002

Received: 12/17/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 12/20/24

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: 12/20/24

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

Project Name: Weinberger Fed Com #135 Well Pad

Workorder: E412128

Date Received: 12/17/2024 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/17/2024 7:00:00AM, under the Project Name: Weinberger Fed Com #135 Well Pad.

The analytical test results summarized in this report with the Project Name: Weinberger Fed Com #135 Well Pad apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

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

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

#### **Table of Contents**

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
SW01 - 0'-3'	6
SW02 - 0'-3'	7
SW03 - 0'-3'	8
SW04 - 0'-3'	9
FS20 - 3'	10
FS25 - 3'	11
FS27 - 4'	12
FS28 - 4'	13
FS29 - 4'	14
FS30 - 4'	15
FS31 - 4'	16
FS32 - 4'	17
FS33 - 4'	18
FS34 - 4'	19
FS35 - 4'	20
FS36 - 4'	21
FS38 - 4'	22
FS39 - 4'	23
QC Summary Data	24
QC - Volatile Organics by EPA 8021B	24

# Table of Contents (continued)

QC - Nonhalogenated Organics by EPA 8015D - GRO	25
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	26
QC - Anions by EPA 300.0/9056A	27
Definitions and Notes	28
Chain of Custody etc.	29

#### **Sample Summary**

Matador Resources, LLC.Project Name:Weinberger Fed Com #135 Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo12/20/24 11:50

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW01 - 0'-3'	E412128-01A	Soil	12/13/24	12/17/24	Glass Jar, 2 oz.
SW02 - 0'-3'	E412128-02A	Soil	12/13/24	12/17/24	Glass Jar, 2 oz.
SW03 - 0'-3'	E412128-03A	Soil	12/13/24	12/17/24	Glass Jar, 2 oz.
SW04 - 0'-3'	E412128-04A	Soil	12/13/24	12/17/24	Glass Jar, 2 oz.
FS20 - 3'	E412128-05A	Soil	12/13/24	12/17/24	Glass Jar, 2 oz.
FS25 - 3'	E412128-06A	Soil	12/13/24	12/17/24	Glass Jar, 2 oz.
FS27 - 4'	E412128-07A	Soil	12/13/24	12/17/24	Glass Jar, 2 oz.
FS28 - 4'	E412128-08A	Soil	12/13/24	12/17/24	Glass Jar, 2 oz.
FS29 - 4'	E412128-09A	Soil	12/13/24	12/17/24	Glass Jar, 2 oz.
FS30 - 4'	E412128-10A	Soil	12/13/24	12/17/24	Glass Jar, 2 oz.
FS31 - 4'	E412128-11A	Soil	12/13/24	12/17/24	Glass Jar, 2 oz.
FS32 - 4'	E412128-12A	Soil	12/13/24	12/17/24	Glass Jar, 2 oz.
FS33 - 4'	E412128-13A	Soil	12/13/24	12/17/24	Glass Jar, 2 oz.
FS34 - 4'	E412128-14A	Soil	12/13/24	12/17/24	Glass Jar, 2 oz.
FS35 - 4'	E412128-15A	Soil	12/13/24	12/17/24	Glass Jar, 2 oz.
FS36 - 4'	E412128-16A	Soil	12/13/24	12/17/24	Glass Jar, 2 oz.
FS38 - 4'	E412128-17A	Soil	12/13/24	12/17/24	Glass Jar, 2 oz.
FS39 - 4'	E412128-18A	Soil	12/13/24	12/17/24	Glass Jar, 2 oz.



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/20/2024 11:50:35AM

#### SW01 - 0'-3' E412128-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2451026
Benzene	ND	0.0250	1	12/17/24	12/17/24	
Ethylbenzene	ND	0.0250	1	12/17/24	12/17/24	
Toluene	ND	0.0250	1	12/17/24	12/17/24	
o-Xylene	ND	0.0250	1	12/17/24	12/17/24	
p,m-Xylene	ND	0.0500	1	12/17/24	12/17/24	
Total Xylenes	ND	0.0250	1	12/17/24	12/17/24	
Surrogate: 4-Bromochlorobenzene-PID		87.6 %	70-130	12/17/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2451026
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/17/24	12/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.1 %	70-130	12/17/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2451031
Diesel Range Organics (C10-C28)	ND	25.0	1	12/17/24	12/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/17/24	12/18/24	
Surrogate: n-Nonane		122 %	50-200	12/17/24	12/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2451028
Chloride	ND	20.0	1	12/17/24	12/17/24	

Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/20/2024 11:50:35AM

#### SW02 - 0'-3' E412128-02

		1.412120 02				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2451026
Benzene	ND	0.0250	1	12/17/24	12/17/24	
Ethylbenzene	ND	0.0250	1	12/17/24	12/17/24	
Toluene	ND	0.0250	1	12/17/24	12/17/24	
p-Xylene	ND	0.0250	1	12/17/24	12/17/24	
o,m-Xylene	ND	0.0500	1	12/17/24	12/17/24	
Total Xylenes	ND	0.0250	1	12/17/24	12/17/24	
Surrogate: 4-Bromochlorobenzene-PID		87.5 %	70-130	12/17/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2451026
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/17/24	12/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.7 %	70-130	12/17/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2451031
Diesel Range Organics (C10-C28)	ND	25.0	1	12/17/24	12/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/17/24	12/18/24	
Surrogate: n-Nonane		112 %	50-200	12/17/24	12/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2451028
Chloride	ND	20.0	1	12/17/24	12/17/24	



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/20/2024 11:50:35AM

#### SW03 - 0'-3' E412128-03

		E-112120-05				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2451026
Benzene	ND	0.0250	1	12/17/24	12/17/24	
Ethylbenzene	ND	0.0250	1	12/17/24	12/17/24	
Toluene	ND	0.0250	1	12/17/24	12/17/24	
o-Xylene	ND	0.0250	1	12/17/24	12/17/24	
p,m-Xylene	ND	0.0500	1	12/17/24	12/17/24	
Total Xylenes	ND	0.0250	1	12/17/24	12/17/24	
Surrogate: 4-Bromochlorobenzene-PID		88.5 %	70-130	12/17/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2451026
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/17/24	12/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.8 %	70-130	12/17/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2451031
Diesel Range Organics (C10-C28)	ND	25.0	1	12/17/24	12/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/17/24	12/18/24	
Surrogate: n-Nonane		115 %	50-200	12/17/24	12/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2451028
Chloride	ND	20.0	1	12/17/24	12/17/24	



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/20/2024 11:50:35AM

#### SW04 - 0'-3'

E412128-04						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: SL		Batch: 2451026
Benzene	ND	0.0250	1	12/17/24	12/17/24	
Ethylbenzene	ND	0.0250	1	12/17/24	12/17/24	
Toluene	ND	0.0250	1	12/17/24	12/17/24	
o-Xylene	ND	0.0250	1	12/17/24	12/17/24	
p,m-Xylene	ND	0.0500	1	12/17/24	12/17/24	
Total Xylenes	ND	0.0250	1	12/17/24	12/17/24	
Surrogate: 4-Bromochlorobenzene-PID		89.3 %	70-130	12/17/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	llyst: SL		Batch: 2451026
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/17/24	12/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.9 %	70-130	12/17/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2451031
Diesel Range Organics (C10-C28)	ND	25.0	1	12/17/24	12/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/17/24	12/18/24	
Surrogate: n-Nonane		108 %	50-200	12/17/24	12/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: DT		Batch: 2451028
Chloride	ND	20.0	1	12/17/24	12/17/24	



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/20/2024 11:50:35AM

#### FS20 - 3' E412128-05

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2451026
Benzene	ND	0.0250	1	12/17/24	12/17/24	
Ethylbenzene	ND	0.0250	1	12/17/24	12/17/24	
Toluene	ND	0.0250	1	12/17/24	12/17/24	
o-Xylene	ND	0.0250	1	12/17/24	12/17/24	
p,m-Xylene	ND	0.0500	1	12/17/24	12/17/24	
Total Xylenes	ND	0.0250	1	12/17/24	12/17/24	
Surrogate: 4-Bromochlorobenzene-PID		89.4 %	70-130	12/17/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2451026
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/17/24	12/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	12/17/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2451031
Diesel Range Organics (C10-C28)	ND	25.0	1	12/17/24	12/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/17/24	12/18/24	
Surrogate: n-Nonane		98.8 %	50-200	12/17/24	12/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2451028
					<u> </u>	



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/20/2024 11:50:35AM

#### FS25 - 3' E412128-06

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: SL		Batch: 2451026
Benzene	ND	0.0250	1	12/17/24	12/17/24	
Ethylbenzene	ND	0.0250	1	12/17/24	12/17/24	
Toluene	ND	0.0250	1	12/17/24	12/17/24	
o-Xylene	ND	0.0250	1	12/17/24	12/17/24	
p,m-Xylene	ND	0.0500	1	12/17/24	12/17/24	
Total Xylenes	ND	0.0250	1	12/17/24	12/17/24	
Surrogate: 4-Bromochlorobenzene-PID		88.7 %	70-130	12/17/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2451026
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/17/24	12/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.6 %	70-130	12/17/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2451031
Diesel Range Organics (C10-C28)	ND	25.0	1	12/17/24	12/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/17/24	12/18/24	
Surrogate: n-Nonane		108 %	50-200	12/17/24	12/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2451028

Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/20/2024 11:50:35AM

FS27 - 4' E412128-07

		E112120 07				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2451026
Benzene	ND	0.0250	1	12/17/24	12/17/24	
Ethylbenzene	ND	0.0250	1	12/17/24	12/17/24	
Toluene	ND	0.0250	1	12/17/24	12/17/24	
o-Xylene	ND	0.0250	1	12/17/24	12/17/24	
o,m-Xylene	ND	0.0500	1	12/17/24	12/17/24	
Total Xylenes	ND	0.0250	1	12/17/24	12/17/24	
Surrogate: 4-Bromochlorobenzene-PID		89.5 %	70-130	12/17/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2451026
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/17/24	12/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.8 %	70-130	12/17/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2451031
Diesel Range Organics (C10-C28)	27.2	25.0	1	12/17/24	12/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/17/24	12/18/24	
Surrogate: n-Nonane		110 %	50-200	12/17/24	12/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2451028
Chloride	ND	20.0	1	12/17/24	12/17/24	

Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/20/2024 11:50:35AM

#### FS28 - 4' E412128-08

Result	Reporting Limit		n Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	alyst: SL		Batch: 2451026
ND	0.0250	1	12/17/24	12/17/24	
ND	0.0250	1	12/17/24	12/17/24	
ND	0.0250	1	12/17/24	12/17/24	
ND	0.0250	1	12/17/24	12/17/24	
ND	0.0500	1	12/17/24	12/17/24	
ND	0.0250	1	12/17/24	12/17/24	
	89.5 %	70-130	12/17/24	12/17/24	
mg/kg	mg/kg	Ana	alyst: SL		Batch: 2451026
ND	20.0	1	12/17/24	12/17/24	
	94.1 %	70-130	12/17/24	12/17/24	
mg/kg	mg/kg	Ana	alyst: NV		Batch: 2451031
ND	25.0	1	12/17/24	12/18/24	
ND	50.0	1	12/17/24	12/18/24	
	111 %	50-200	12/17/24	12/18/24	
mg/kg	mg/kg	Ana	alyst: DT		Batch: 2451028
ND	20.0	1	12/17/24	12/17/24	
	mg/kg ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         0.0250           89.5 %         mg/kg           Mg/kg         mg/kg           ND         20.0           94.1 %         mg/kg           ND         25.0           ND         50.0           111 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg         And           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           89.5 %         70-130           mg/kg         mg/kg         And           ND         20.0         1           94.1 %         70-130         1           mg/kg         mg/kg         And           ND         25.0         1           ND         50.0         1           111 %         50-200           mg/kg         mg/kg         And	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         12/17/24           ND         0.0250         1         12/17/24           ND         0.0250         1         12/17/24           ND         0.0250         1         12/17/24           ND         0.0500         1         12/17/24           ND         0.0250         1         12/17/24           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         12/17/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         12/17/24           ND         25.0         1         12/17/24           ND         50.0         1         12/17/24           ND         50.0         1         12/17/24           ND         50.0         1         12/17/24           ng/kg         mg/kg         Analyst: NV	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         12/17/24         12/17/24           ND         0.0500         1         12/17/24         12/17/24           ND         0.0250         1         12/17/24         12/17/24           89.5 %         70-130         12/17/24         12/17/24           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         12/17/24         12/17/24           mg/kg         mg/kg         Analyst: NV         ND         25.0         1         12/17/24         12/18/24           ND         25.0         1         12/17/24         12/18/24           ND         50.0         1         12/17/24         12/18/24           ND         50.0         1         12/17/24         12/18/24           ND         50.0

Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/20/2024 11:50:35AM

FS29 - 4' E412128-09

		D .:				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2451026
Benzene	ND	0.0250	1	12/17/24	12/17/24	
Ethylbenzene	ND	0.0250	1	12/17/24	12/17/24	
Toluene	ND	0.0250	1	12/17/24	12/17/24	
o-Xylene	ND	0.0250	1	12/17/24	12/17/24	
p,m-Xylene	ND	0.0500	1	12/17/24	12/17/24	
Total Xylenes	ND	0.0250	1	12/17/24	12/17/24	
Surrogate: 4-Bromochlorobenzene-PID		90.3 %	70-130	12/17/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2451026
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/17/24	12/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.4 %	70-130	12/17/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2451031
Diesel Range Organics (C10-C28)	ND	25.0	1	12/17/24	12/18/24	_
Oil Range Organics (C28-C36)	ND	50.0	1	12/17/24	12/18/24	
Surrogate: n-Nonane		115 %	50-200	12/17/24	12/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2451028
Chloride	ND	20.0	1	12/17/24	12/17/24	



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/20/2024 11:50:35AM

#### FS30 - 4' E412128-10

	L-112120 10				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: SL		Batch: 2451026
ND	0.0250	1	12/17/24	12/17/24	
ND	0.0250	1	12/17/24	12/17/24	
ND	0.0250	1	12/17/24	12/17/24	
ND	0.0250	1	12/17/24	12/17/24	
ND	0.0500	1	12/17/24	12/17/24	
ND	0.0250	1	12/17/24	12/17/24	
	90.1 %	70-130	12/17/24	12/17/24	
mg/kg	mg/kg	Anal	yst: SL		Batch: 2451026
ND	20.0	1	12/17/24	12/17/24	
	93.9 %	70-130	12/17/24	12/17/24	
mg/kg	mg/kg	Anal	yst: NV		Batch: 2451031
ND	25.0	1	12/17/24	12/18/24	
ND	50.0	1	12/17/24	12/18/24	
	114 %	50-200	12/17/24	12/18/24	
mg/kg	mg/kg	Anal	yst: DT		Batch: 2451028
33.5	20.0	1	12/17/24	12/17/24	
	mg/kg ND ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result         Reporting           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         0.0250           MD         20.0           93.9 %         mg/kg           MD         25.0           ND         50.0           114 %         mg/kg           mg/kg         mg/kg	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Anal           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           90.1 %         70-130           mg/kg         mg/kg         Anal           ND         20.0         1           93.9 %         70-130           mg/kg         mg/kg         Anal           ND         25.0         1           ND         50.0         1           114 %         50-200           mg/kg         Mg/kg         Anal	Reporting           Result         Limit         Dilution         Prepared           mg/kg         Manalyst: SL           ND         0.0250         1         12/17/24           ND         0.0250         1         12/17/24           ND         0.0250         1         12/17/24           ND         0.0250         1         12/17/24           ND         0.0500         1         12/17/24           ND         0.0250         1         12/17/24           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         12/17/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         12/17/24           ND         50.0         1         12/17/24           ND         50.0         1         12/17/24           ND         50.0         1         12/17/24           Mg/kg         mg/kg         Analyst: NV	Reporting           Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         12/17/24         12/17/24           ND         0.0250         1         12/17/24         12/17/24           ND         0.0250         1         12/17/24         12/17/24           ND         0.0500         1         12/17/24         12/17/24           ND         0.0250         1         12/17/24         12/17/24           ND         0.0250         1         12/17/24         12/17/24           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         12/17/24         12/17/24           mg/kg         mg/kg         Analyst: SL         1         12/17/24         12/17/24           mg/kg         mg/kg         Analyst: NV         1         12/17/24         12/17/24           ND         25.0         1         12/17/24         12/18/24           ND         50.0         1         12/17/24         12/18/24           ND         50.0         1         12/17/24         12/18/24



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/20/2024 11:50:35AM

#### FS31 - 4' E412128-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2451026
Benzene	ND	0.0250	1	12/17/24	12/17/24	
Ethylbenzene	ND	0.0250	1	12/17/24	12/17/24	
Toluene	ND	0.0250	1	12/17/24	12/17/24	
o-Xylene	ND	0.0250	1	12/17/24	12/17/24	
p,m-Xylene	ND	0.0500	1	12/17/24	12/17/24	
Total Xylenes	ND	0.0250	1	12/17/24	12/17/24	
Surrogate: 4-Bromochlorobenzene-PID		89.4 %	70-130	12/17/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2451026
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/17/24	12/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.5 %	70-130	12/17/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2451031
Diesel Range Organics (C10-C28)	ND	25.0	1	12/17/24	12/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/17/24	12/18/24	
Surrogate: n-Nonane		112 %	50-200	12/17/24	12/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2451028
Chloride	ND	20.0	1	12/17/24	12/17/24	



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/20/2024 11:50:35AM

FS32 - 4' E412128-12

		2112120 12				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2451026
Benzene	ND	0.0250	1	12/17/24	12/17/24	
Ethylbenzene	ND	0.0250	1	12/17/24	12/17/24	
Toluene	ND	0.0250	1	12/17/24	12/17/24	
o-Xylene	ND	0.0250	1	12/17/24	12/17/24	
p,m-Xylene	ND	0.0500	1	12/17/24	12/17/24	
Total Xylenes	ND	0.0250	1	12/17/24	12/17/24	
Surrogate: 4-Bromochlorobenzene-PID		88.6 %	70-130	12/17/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2451026
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/17/24	12/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.3 %	70-130	12/17/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2451031
Diesel Range Organics (C10-C28)	ND	25.0	1	12/17/24	12/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/17/24	12/18/24	
Surrogate: n-Nonane		112 %	50-200	12/17/24	12/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2451028
Chloride	ND	20.0	1	12/17/24	12/17/24	

Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/20/2024 11:50:35AM

FS33 - 4' E412128-13

	L-112120 15				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: SL		Batch: 2451026
ND	0.0250	1	12/17/24	12/18/24	
ND	0.0250	1	12/17/24	12/18/24	
ND	0.0250	1	12/17/24	12/18/24	
ND	0.0250	1	12/17/24	12/18/24	
ND	0.0500	1	12/17/24	12/18/24	
ND	0.0250	1	12/17/24	12/18/24	
	86.8 %	70-130	12/17/24	12/18/24	
mg/kg	mg/kg	Anal	yst: SL		Batch: 2451026
ND	20.0	1	12/17/24	12/18/24	
	94.8 %	70-130	12/17/24	12/18/24	
mg/kg	mg/kg	Anal	yst: NV		Batch: 2451031
ND	25.0	1	12/17/24	12/18/24	
ND	50.0	1	12/17/24	12/18/24	
	116 %	50-200	12/17/24	12/18/24	
mg/kg	mg/kg	Anal	yst: DT		Batch: 2451028
20.8	20.0	1	12/17/24	12/17/24	
	mg/kg ND ND ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result         Reporting           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           86.8 %         mg/kg           MD         20.0           94.8 %         mg/kg           ND         25.0           ND         50.0           I16 %         mg/kg           mg/kg         mg/kg	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Analy           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           MD         0.0250         1           MD         0.0250         1           Mg/kg         mg/kg         Analy           ND         20.0         1           94.8 %         70-130           mg/kg         mg/kg         Analy           ND         25.0         1           ND         50.0         1           116 %         50-200           mg/kg         mg/kg         Analy	Reporting           Result         Limit         Dilution         Prepared           mg/kg         Manalyst: SL           ND         0.0250         1         12/17/24           ND         0.0250         1         12/17/24           ND         0.0250         1         12/17/24           ND         0.0500         1         12/17/24           ND         0.0250         1         12/17/24           ND         0.0250         1         12/17/24           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         12/17/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         12/17/24           ND         50.0         1         12/17/24           ND         50.0         1         12/17/24           ND         50.0         1         12/17/24           Mg/kg         Mg/kg         Analyst: NV	Reporting           Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         12/17/24         12/18/24           ND         0.0250         1         12/17/24         12/18/24           ND         0.0250         1         12/17/24         12/18/24           ND         0.0500         1         12/17/24         12/18/24           ND         0.0250         1         12/17/24         12/18/24           ND         0.0250         1         12/17/24         12/18/24           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         12/17/24         12/18/24           mg/kg         mg/kg         Analyst: SL         12/17/24         12/18/24           ND         20.0         1         12/17/24         12/18/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         12/17/24         12/18/24           ND         50.0         1         12/17/24         12/18/24           ND         50.0         1

Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/20/2024 11:50:35AM

#### FS34 - 4' E412128-14

	D412120 14				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	vst: SL		Batch: 2451026
ND	0.0250	1	12/17/24	12/18/24	
ND	0.0250	1	12/17/24	12/18/24	
ND	0.0250	1	12/17/24	12/18/24	
ND	0.0250	1	12/17/24	12/18/24	
ND	0.0500	1	12/17/24	12/18/24	
ND	0.0250	1	12/17/24	12/18/24	
	89.4 %	70-130	12/17/24	12/18/24	
mg/kg	mg/kg	Analy	st: SL		Batch: 2451026
ND	20.0	1	12/17/24	12/18/24	
	95.5 %	70-130	12/17/24	12/18/24	
mg/kg	mg/kg	Analy	vst: NV		Batch: 2451031
ND	25.0	1	12/17/24	12/18/24	
ND	50.0	1	12/17/24	12/18/24	
	117 %	50-200	12/17/24	12/18/24	
mg/kg	mg/kg	Analy	/st: DT		Batch: 2451028
ND	20.0	1	12/17/24	12/17/24	
	mg/kg ND ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result         Reporting           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           89.4 %         mg/kg           MD         20.0           95.5 %         mg/kg           ND         25.0           ND         50.0           117 %         mg/kg           mg/kg         mg/kg	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Analy           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           89.4 %         70-130           mg/kg         mg/kg         Analy           ND         20.0         1           95.5 %         70-130           mg/kg         mg/kg         Analy           ND         25.0         1           ND         50.0         1           117 %         50-200           mg/kg         mg/kg         Analy	Reporting           Result         Limit         Dilution         Prepared           mg/kg         MS         Analyst: SL           ND         0.0250         1         12/17/24           ND         0.0250         1         12/17/24           ND         0.0250         1         12/17/24           ND         0.0500         1         12/17/24           ND         0.0250         1         12/17/24           MD         0.0250         1         12/17/24           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         12/17/24           mg/kg         mg/kg         Analyst: NV           ND         25.5 %         70-130         12/17/24           MD         25.0         1         12/17/24           ND         50.0         1         12/17/24           ND         50.0         1         12/17/24           Mg/kg         mg/kg         Analyst: NV	Reporting           Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         12/17/24         12/18/24           ND         0.0250         1         12/17/24         12/18/24           ND         0.0250         1         12/17/24         12/18/24           ND         0.0500         1         12/17/24         12/18/24           ND         0.0250         1         12/17/24         12/18/24           ND         0.0250         1         12/17/24         12/18/24           Mg/kg         mg/kg         Analyst: SL           ND         20.0         1         12/17/24         12/18/24           mg/kg         mg/kg         Analyst: SL         12/17/24         12/18/24           ND         20.0         1         12/17/24         12/18/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         12/17/24         12/18/24           ND         50.0         1         12/17/24         12/18/24           ND         50.0         1



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/20/2024 11:50:35AM

#### FS35 - 4' E412128-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: SL		Batch: 2451026
Benzene	ND	0.0250	1	12/17/24	12/18/24	
Ethylbenzene	ND	0.0250	1	12/17/24	12/18/24	
Toluene	ND	0.0250	1	12/17/24	12/18/24	
o-Xylene	ND	0.0250	1	12/17/24	12/18/24	
p,m-Xylene	ND	0.0500	1	12/17/24	12/18/24	
Total Xylenes	ND	0.0250	1	12/17/24	12/18/24	
Surrogate: 4-Bromochlorobenzene-PID		88.1 %	70-130	12/17/24	12/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: SL		Batch: 2451026
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/17/24	12/18/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.1 %	70-130	12/17/24	12/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2451031
Diesel Range Organics (C10-C28)	ND	25.0	1	12/17/24	12/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/17/24	12/18/24	
Surrogate: n-Nonane		115 %	50-200	12/17/24	12/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: DT		Batch: 2451028
Chloride	ND	20.0	1	12/17/24	12/17/24	



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/20/2024 11:50:35AM

#### FS36 - 4' E412128-16

		L-112120-10				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2451026
Benzene	ND	0.0250	1	12/17/24	12/18/24	
Ethylbenzene	ND	0.0250	1	12/17/24	12/18/24	
Toluene	ND	0.0250	1	12/17/24	12/18/24	
o-Xylene	ND	0.0250	1	12/17/24	12/18/24	
p,m-Xylene	ND	0.0500	1	12/17/24	12/18/24	
Total Xylenes	ND	0.0250	1	12/17/24	12/18/24	
Surrogate: 4-Bromochlorobenzene-PID		87.4 %	70-130	12/17/24	12/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2451026
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/17/24	12/18/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.9 %	70-130	12/17/24	12/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2451031
Diesel Range Organics (C10-C28)	35.1	25.0	1	12/17/24	12/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/17/24	12/18/24	
Surrogate: n-Nonane		117 %	50-200	12/17/24	12/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2451028
Chloride	ND	20.0	1	12/17/24	12/17/24	

Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/20/2024 11:50:35AM

#### FS38 - 4' E412128-17

		1.412120 17				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2451026
Benzene	ND	0.0250	1	12/17/24	12/18/24	
Ethylbenzene	ND	0.0250	1	12/17/24	12/18/24	
Toluene	ND	0.0250	1	12/17/24	12/18/24	
p-Xylene	ND	0.0250	1	12/17/24	12/18/24	
o,m-Xylene	ND	0.0500	1	12/17/24	12/18/24	
Total Xylenes	ND	0.0250	1	12/17/24	12/18/24	
Surrogate: 4-Bromochlorobenzene-PID		87.4 %	70-130	12/17/24	12/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2451026
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/17/24	12/18/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.4 %	70-130	12/17/24	12/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2451031
Diesel Range Organics (C10-C28)	ND	25.0	1	12/17/24	12/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/17/24	12/18/24	
Surrogate: n-Nonane		116 %	50-200	12/17/24	12/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2451028
Chloride	ND	20.0	1	12/17/24	12/17/24	



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/20/2024 11:50:35AM

#### FS39 - 4' E412128-18

		2112120 10				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
· ·	mg/kg	mg/kg	Analys	-	7 mary Zed	Batch: 2451026
Volatile Organics by EPA 8021B			•		12/18/24	Batch: 2431020
Benzene	ND	0.0250	1	12/17/24		
Ethylbenzene	ND	0.0250	1	12/17/24	12/18/24	
Toluene	ND	0.0250	1	12/17/24	12/18/24	
o-Xylene	ND	0.0250	1	12/17/24	12/18/24	
p,m-Xylene	ND	0.0500	1	12/17/24	12/18/24	
Total Xylenes	ND	0.0250	1	12/17/24	12/18/24	
Surrogate: 4-Bromochlorobenzene-PID		89.0 %	70-130	12/17/24	12/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2451026
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/17/24	12/18/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.9 %	70-130	12/17/24	12/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2451031
Diesel Range Organics (C10-C28)	ND	25.0	1	12/17/24	12/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/17/24	12/18/24	
Surrogate: n-Nonane		97.0 %	50-200	12/17/24	12/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2451028
Chloride	ND	20.0	1	12/17/24	12/17/24	



Surrogate: 4-Bromochlorobenzene-PID

7.19

#### **QC Summary Data**

Matador Resources, LLC.Project Name:Weinberger Fed Com #135 Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo12/20/2024 11:50:35AM

Dallas TX, 75240		Project Manager:	As	shley Gioveng	o			12/2	20/2024 11:50:35AN
		Volatile O	rganics b	y EPA 802	1B				Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2451026-BLK1)							Prepared: 1	2/17/24 Anal	yzed: 12/17/24
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	7.07		8.00		88.4	70-130			
LCS (2451026-BS1)							Prepared: 1	2/17/24 Anal	yzed: 12/17/24
Benzene	5.13	0.0250	5.00		103	70-130			
Ethylbenzene	5.01	0.0250	5.00		100	70-130			
Toluene	5.09	0.0250	5.00		102	70-130			
o-Xylene	4.97	0.0250	5.00		99.5	70-130			
p,m-Xylene	10.2	0.0500	10.0		102	70-130			
Total Xylenes	15.1	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.97		8.00		87.2	70-130			
LCS Dup (2451026-BSD1)							Prepared: 1	2/17/24 Anal	yzed: 12/17/24
Benzene	4.91	0.0250	5.00		98.2	70-130	4.37	20	
Ethylbenzene	4.80	0.0250	5.00		96.0	70-130	4.17	20	
Toluene	4.88	0.0250	5.00		97.5	70-130	4.27	20	
o-Xylene	4.78	0.0250	5.00		95.5	70-130	4.02	20	
p,m-Xylene	9.76	0.0500	10.0		97.6	70-130	4.10	20	
Total Xylenes	14.5	0.0250	15.0		96.9	70-130	4.08	20	

70-130



#### **QC Summary Data**

Matador Resources, LLC.	Project Name: Weinberger Fed Com #135 Well Pad		Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	_
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/20/2024 11:50:35AM

Dallas TX, 75240		Project Manage	r: As	hley Gioveng	90				12/20/2024 11:50:35AM
Nonhalogenated Organics by EPA 8015D - GRO									Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2451026-BLK1)							Prepared: 12	2/17/24	Analyzed: 12/17/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.57		8.00		94.6	70-130			
LCS (2451026-BS2)							Prepared: 12	2/17/24	Analyzed: 12/17/24
Gasoline Range Organics (C6-C10)	43.4	20.0	50.0		86.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.59		8.00		94.9	70-130			
LCS Dup (2451026-BSD2)							Prepared: 12	2/17/24	Analyzed: 12/17/24
Gasoline Range Organics (C6-C10)	43.2	20.0	50.0		86.5	70-130	0.403	20	-
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.55		8.00		94.4	70-130			

#### **QC Summary Data**

Matador Resources, LLC.Project Name:Weinberger Fed Com #135 Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo12/20/2024 11:50:35AM

Danas 171, 732 10		Troject Manage	. 710	iney Groveng	-				
	Nonha	logenated Or	ganics by	EPA 8015I	) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2451031-BLK1)							Prepared: 1	2/17/24 Anal	yzed: 12/18/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.3		50.0		111	50-200			
LCS (2451031-BS1)							Prepared: 1	2/17/24 Anal	yzed: 12/18/24
Diesel Range Organics (C10-C28)	275	25.0	250		110	38-132			
Surrogate: n-Nonane	61.2		50.0		122	50-200			
Matrix Spike (2451031-MS1)				Source:	E412128-	07	Prepared: 1	2/17/24 Anal	yzed: 12/18/24
Diesel Range Organics (C10-C28)	295	25.0	250	27.2	107	38-132			
Surrogate: n-Nonane	55.7		50.0		111	50-200			
Matrix Spike Dup (2451031-MSD1)				Source:	E412128-	07	Prepared: 1	2/17/24 Anal	yzed: 12/18/24
Diesel Range Organics (C10-C28)	286	25.0	250	27.2	103	38-132	3.22	20	
Surrogate: n-Nonane	58.0		50.0		116	50-200			



Analyst: DT

#### **QC Summary Data**

Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/20/2024 11:50:35AM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2451028-BLK1) Chloride	ND	20.0				I	Prepared: 1	2/17/24 Anal	yzed: 12/17/24

Anions by EPA 300.0/9056A

Dimin	(2 131020 DEIXI)						repared. 12	1 // 2 1 1 111	ary zea. 12	1 // 2 1	
Chlorid	e	ND	20.0								
LCS	(2451028-BS1)					P	repared: 12/	17/24 An	alyzed: 12/	17/24	
Chlorid	e	255	20.0	250	102	90-110					
LCS	Dup (2451028-BSD1)					P	repared: 12/	17/24 An	alyzed: 12/	17/24	
Chlorid	e	256	20.0	250	102	90-110	0.0803	20			

#### QC Summary Report Comment:

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



#### **Definitions and Notes**

l	Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
l	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
١	Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/20/24 11:50

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Page 1	of _	2
TX		cervea by Oc
m RCRA		D: 1/3

Client Information						Invoice Information		Lab Use Only								TA	AT	State			
Client: MATADOR PRODUCTION COMPANY								Lab					ob Number			1D	2D	3D Std	NM CO UT TX		
Project: Weinberger Fed Com 135 Well Pad					Address: 3122 National Parks Hwy		E	412128			230	2003	-00	02			X	X			
Project Manager: Ashley Giovengo					y, State, Zip: Carlsbad NM,	88220															
	3122 Natio					one: 575-988-0055						Ana	lysis	and	Met	hod			EPA Program		
	te, Zip: Carl		, 88220			nail: agiovengo@ensolun	.com												SDWA	CWA	RCRA
DO CONTRACT	575-988-005	St a city-o-			Mis	cellaneous:															
Email: a	giovengo@	ensolum.	com						215	8015									Complian	ce Y	or N
_				Com	nla Informati	A			by 80	by 80	120	9	0.00	Σ	XI.	etals			PWSID #		
Time			1 25.0	Sam	ple Informati	on	lo s	Lab	ORO ORO	DRO	by 80	oy 82	de 3	C- N	5001	8 Me				Remarks	
Time Sampled	Date Sampled	Matrix	No, of Containe	s		Sample ID	Field	Number	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Kemarks	
1107	12/13/24	5	1		Swol	-0'-3'	4	1						+							
1058	1	1	1		Sw02	-0'-3'		2						7							
1101					Sw03	-0'-3'		3						+							
111					Sw64	-0'-3'		4						+							
1052					FS 20			5						+							
1050					FS 25	-31		Q						+							
1050	•			1	FS 27	- 4'		7						+							
uol				F	528	- 4'		8						+							
8011				F	529	- 41		9						X							
1053		7	4		FS 30			10						P							
						agiovengo@ensolum.com	, chamilto	n@enso	lum.	com,	iestr	ella@	ens	olum	.con	n, bd	eal@	ensolun	n.com,		
	ns@ensolur					vanna da la del cara de la del cara de la del cara de la del cara de la del cara de la del cara de la del cara	Labelta et	mark from				Wa are	4		11	1			Lat of	-	
Sampled by	:Higinio G	onzalez A	A TA	nna Ll	ne. Tam aware tha	t tampering with or intentionally mis	abeling the sa	mpie iocatio	on, date	e or tim	e or co	nection	i is co	nsidere	ed Trau	ia and i	may be	e grounds to	r legal action		
	ed by: (Signati			te		Received by: (Signature)	Date		Time	9				Sampl	es requ	iring the	ermal p	reservation n	ust be received	on ice the da	y they are
	nation		1	416/2024	7:21	Michelle Gange	lec 12	-16-24	0	72	1			sample	ed or re	ceived p	packed	in ice at an a	g temp above	0 but less than	6 °C on
Relinquist	ed by: (Signature)	ongal	Da	1 lle 24	Time 1640	Received by: (Signature)  Received by (Signature)  Act, 1	Date /2	16.29	Time		00			Rec	eivec	d on i	ce:	(Y)/ I	se Only		
Relinquish	ed by: (Signati	ire)	Da	te .16.24	Time	Received by: (Signature)	Date	2/117	Time	7.	دن			T1				<u>T2</u>		<u>T3</u>	
Relinquish	ed by: (Signati	ıre)	Da	te	Time	Received by: (Signature)	Date		Time	2				AVC	Ten	np °C		4_			
	trix: S - Soil, Sd -							tainer Ty		-		4.214	-	c, ag	- ami	ber gl	ass, v				
The same of the same of the						arrangements are made. Hazard									e clier	nt expe	ense.	The repor	for the ana	lysis of the	above

(3

Released to Imaging: 3/28/2025 3:18:20 PM

Relinquished by: (Signature)

Client Information					Invoice Information					La	b Us	e On	ly		TAT				State				
Client: M	IATADOR PRO	DUCTIO	N CON	/PANY	Company: Ensolum LLC		Lab WO# Job					o Number			1D	20	3D Std	NM CO UT TX			TX		
Project: Weinberger Fed Com 135 Well Pad								112		5	22	00	360	100	10	20	X		X	0	17		
						ty, State, Zip: Carlsbad NM				1,1	100		0.0										
Project Manager: Ashley Giovengo Address: 3122 National Parks Hwy				11	none: 575-988-0055			Δ					nalysis and Met			hod				EP	A Progr	am	
	e, Zip: Carlsl			6		mail: agiovengo@ensolun	m com						2377	,				7		SDV	_	CWA	RCRA
	575-988-0055		COLLO			Miscellaneous:																	1.0
	giovengo@ei		om			scenaricous.			1	10										Comp	oliano	e Y	or N
Ellian. a	gioverigo e ci	isolalli.c	.0111							801	8015			0			S			PWS	-	-   .	10,11
				Sam	ple Informat	ion				O by	O by	8021	3260	300.0	N	S-TX	Aetal				]		
Time Sampled	Date Sampled	Matrix	No. o Contain			Sample ID	Field	Lal Num	b ber	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals					Remark	S
1057	12/13/24	5	1		FS31	-41		11							+								
1106			1		FS 37			12							+								
1446					Fs 3	3-41		13	5						+								
1447					FS 34	1-41		14							+								
1449					FS 3	5-41		K							+								
1450					FS 31	0-41		10	0						+								
1454					FS 32	3-41		C	+						+								
1452	7	1	1		FS 3	9-41		18				П			+								
							1)																
Addition	nal Instructio	ns: Ple	ase CC	: cburton@e	ensolum.com	n, agiovengo@ensolum.com	n, chamilt	on@er	rsolu	um.c	om,	iestr	ella@	ens	olum	.con	n, bd	eal@	ensolun	.com	,		
	ns@ensolum																						
						at tampering with or intentionally mis	slabeling the s	ample loc	cation	, date	or time	e of co	llectio	n is cor	nsidere	ed frau	d and	may be	e grounds fo	r legal a	ction.		
Sampled by	:Higinio Go	nzalez (A.	_		-																		
Relinquished by: (Signature)  Date Time  12/16/2024 7:									n must be received on ice the day they are n avg temp above 0 but less than 6 °C on														
Relinquished by: (Signature) Date Time			1640	Received by: (Signature)	Date   Time   Lab Use Only   Received on ice: (7) / N																		

Received by: (Signature)



AVG Temp °C\_

Page 175 of 240

Printed: 12/17/2024 7:51:19AM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

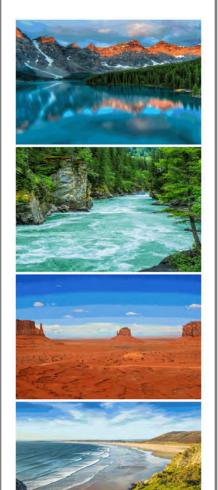
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

	g		,	-	,		
Client:	Matador Resources, LLC.	Date Received:	12/17/24	07:00		Work Order ID:	E412128
Phone:	(972) 371-5200	Date Logged In:	12/16/24	15:08		Logged In By:	Caitlin Mars
Email:		Due Date:		17:00 (4 day TAT)		<i>50</i> ,	
Chain of	Custody (COC)						
	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location mate	h the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier: C	Courier		
4. Was th	e COC complete, i.e., signatures, dates/times, request	ed analyses?	Yes	currer. <u>c</u>	<u>sourier</u>		
	Il samples received within holding time?	, <b>,</b>	Yes				
	Note: Analysis, such as pH which should be conducted in					Commont	g/Decolution
	i.e, 15 minute hold time, are not included in this disucssion	1.				Comment	s/Resolution
	urn Around Time (TAT)						
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C							
	sample cooler received?		Yes				
• •	was cooler received in good condition?		Yes				
9. Was th	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes	were custody/security seals intact?		NA				
	e sample received on ice? If yes, the recorded temp is 4°C, i Note: Thermal preservation is not required, if samples are minutes of sampling	received w/i 15	Yes				
	visible ice, record the temperature. Actual sample t	emperature: 4°C	≟				
	Container NOC 1 1 1 2 2						
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers?	11 4 10	Yes				
	appropriate volume/weight or number of sample contained	ers collected?	Yes				
Field Lal							
	field sample labels filled out with the minimum infor ample ID?	mation:	Yes				
	ate/Time Collected?		Yes				
	ollectors name?		No				
Sample I	reservation_						
21. Does	the COC or field labels indicate the samples were pre	served?	No				
22. Are sa	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved me	etals?	No				
Multipha	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multiphase	e?	No				
	does the COC specify which phase(s) is to be analyz		NA				
Subcontr	act Laboratory						
	amples required to get sent to a subcontract laboratory	<sub>1</sub> 9	No				
	subcontract laboratory specified by the client and if		NA	Subcontract Lab	· NΔ		
				Subcontract Euc	. 1411		
Chent II	<u>astruction</u>						

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

Practical Solutions for a Better Tomorrow

## **Analytical Report**

Matador Resources, LLC.

Project Name: Weinberger Fed Com #135 Well

Pad

Work Order: E412137

Job Number: 23003-0002

Received: 12/18/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 12/23/24

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: 12/23/24

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

Project Name: Weinberger Fed Com #135 Well Pad

Workorder: E412137

Date Received: 12/18/2024 8:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/18/2024 8:15:00AM, under the Project Name: Weinberger Fed Com #135 Well Pad.

The analytical test results summarized in this report with the Project Name: Weinberger Fed Com #135 Well Pad apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

**Southern New Mexico Area** 

Lynn Jarboe

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

Cell: 505-320-4759

ljarboe@envirotech-inc.com

**Michelle Gonzales** 

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

#### **Table of Contents**

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
FS37-4'	6
FS40-4'	7
FS42-4'	8
FS44-4'	9
FS43-4'	10
FS45-4'	11
FS46-4'	12
FS47-3'	13
FS48-3'	14
FS49-4.5'	15
FS50-3'	16
FS51-4'	17
FS52-4'	18
SW05-0'-4'	19
SW06-0'-4'	20
SW07-0'-4'	21
SW09-0'-4'	22
SW10-0'-4'	23
FS41-4'	24
QC Summary Data	25

# Table of Contents (continued)

	QC - Volatile Organic Compounds by EPA8260B	25
	QC - Nonhalogenated Organics by EPA 8015D - GRO	26
	QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	27
	QC - Anions by EPA 300.0/9056A	28
D	efinitions and Notes	29
С	hain of Custody etc.	30

#### **Sample Summary**

Matador Resources, LLC.Project Name:Weinberger Fed Com #135 Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo12/23/24 09:31

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS37-4'	E412137-01A	Soil	12/16/24	12/18/24	Glass Jar, 2 oz.
FS40-4'	E412137-02A	Soil	12/16/24	12/18/24	Glass Jar, 2 oz.
FS42-4'	E412137-03A	Soil	12/16/24	12/18/24	Glass Jar, 2 oz.
FS44-4'	E412137-04A	Soil	12/16/24	12/18/24	Glass Jar, 2 oz.
FS43-4'	E412137-05A	Soil	12/16/24	12/18/24	Glass Jar, 2 oz.
FS45-4'	E412137-06A	Soil	12/16/24	12/18/24	Glass Jar, 2 oz.
FS46-4'	E412137-07A	Soil	12/16/24	12/18/24	Glass Jar, 2 oz.
FS47-3'	E412137-08A	Soil	12/16/24	12/18/24	Glass Jar, 2 oz.
FS48-3'	E412137-09A	Soil	12/16/24	12/18/24	Glass Jar, 2 oz.
FS49-4.5'	E412137-10A	Soil	12/16/24	12/18/24	Glass Jar, 2 oz.
FS50-3'	E412137-11A	Soil	12/16/24	12/18/24	Glass Jar, 2 oz.
FS51-4'	E412137-12A	Soil	12/16/24	12/18/24	Glass Jar, 2 oz.
FS52-4'	E412137-13A	Soil	12/16/24	12/18/24	Glass Jar, 2 oz.
SW05-0'-4'	E412137-14A	Soil	12/16/24	12/18/24	Glass Jar, 2 oz.
SW06-0'-4'	E412137-15A	Soil	12/16/24	12/18/24	Glass Jar, 2 oz.
SW07-0'-4'	E412137-16A	Soil	12/16/24	12/18/24	Glass Jar, 2 oz.
SW09-0'-4'	E412137-17A	Soil	12/16/24	12/18/24	Glass Jar, 2 oz.
SW10-0'-4'	E412137-18A	Soil	12/16/24	12/18/24	Glass Jar, 2 oz.
FS41-4'	E412137-19A	Soil	12/16/24	12/18/24	Glass Jar, 2 oz.

Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/23/2024 9:31:38AM

#### FS37-4' E412137-01

		2112107 01					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS			Batch: 2451049
Benzene	ND	0.0250		1	12/18/24	12/18/24	
Ethylbenzene	ND	0.0250		1	12/18/24	12/18/24	
Toluene	ND	0.0250		1	12/18/24	12/18/24	
o-Xylene	ND	0.0250		1	12/18/24	12/18/24	
p,m-Xylene	ND	0.0500		1	12/18/24	12/18/24	
Total Xylenes	ND	0.0250		1	12/18/24	12/18/24	
Surrogate: Bromofluorobenzene		120 %	70-130		12/18/24	12/18/24	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130		12/18/24	12/18/24	
Surrogate: Toluene-d8		113 %	70-130		12/18/24	12/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2451049
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/18/24	12/18/24	
Surrogate: Bromofluorobenzene		120 %	70-130		12/18/24	12/18/24	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130		12/18/24	12/18/24	
Surrogate: Toluene-d8		113 %	70-130		12/18/24	12/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2451055
Diesel Range Organics (C10-C28)	ND	25.0		1	12/18/24	12/18/24	
Oil Range Organics (C28-C36)	ND	50.0		1	12/18/24	12/18/24	
Surrogate: n-Nonane		122 %	50-200		12/18/24	12/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2451050
Chloride	23.7	20.0		1	12/18/24	12/18/24	



Matador Resources, LLC.Project Name:Weinberger Fed Com #135 Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo12/23/20249:31:38AM

#### FS40-4' E412137-02

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg Anal		Analyst: R	KS		Batch: 2451049
Benzene	ND	0.0250	1		12/18/24	12/18/24	
Ethylbenzene	ND	0.0250	1		12/18/24	12/18/24	
Toluene	ND	0.0250	1		12/18/24	12/18/24	
o-Xylene	ND	0.0250	1		12/18/24	12/18/24	
p,m-Xylene	ND	0.0500	1		12/18/24	12/18/24	
Total Xylenes	ND	0.0250	1		12/18/24	12/18/24	
Surrogate: Bromofluorobenzene		121 %	70-130		12/18/24	12/18/24	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130		12/18/24	12/18/24	
Surrogate: Toluene-d8		113 %	70-130		12/18/24	12/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: R	KS		Batch: 2451049
Gasoline Range Organics (C6-C10)	ND	20.0	1		12/18/24	12/18/24	
Surrogate: Bromofluorobenzene		121 %	70-130		12/18/24	12/18/24	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130		12/18/24	12/18/24	
Surrogate: Toluene-d8		113 %	70-130		12/18/24	12/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: N	IV		Batch: 2451055
Diesel Range Organics (C10-C28)	ND	25.0	1	·	12/18/24	12/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1		12/18/24	12/18/24	
Surrogate: n-Nonane		124 %	50-200		12/18/24	12/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: D	T		Batch: 2451050
Chloride	131	20.0	1		12/18/24	12/18/24	



Matador Resources, LLC.Project Name:Weinberger Fed Com #135 Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo12/23/20249:31:38AM

#### FS42-4' E412137-03

		2112107 00					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2451049
Benzene	ND	0.0250		1	12/18/24	12/18/24	
Ethylbenzene	ND	0.0250		1	12/18/24	12/18/24	
Toluene	ND	0.0250		1	12/18/24	12/18/24	
o-Xylene	ND	0.0250		1	12/18/24	12/18/24	
p,m-Xylene	ND	0.0500		1	12/18/24	12/18/24	
Total Xylenes	ND	0.0250		1	12/18/24	12/18/24	
Surrogate: Bromofluorobenzene		118 %	70-130		12/18/24	12/18/24	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130		12/18/24	12/18/24	
Surrogate: Toluene-d8		113 %	70-130		12/18/24	12/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2451049
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/18/24	12/18/24	
Surrogate: Bromofluorobenzene		118 %	70-130		12/18/24	12/18/24	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130		12/18/24	12/18/24	
Surrogate: Toluene-d8		113 %	70-130		12/18/24	12/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2451055
Diesel Range Organics (C10-C28)	ND	25.0		1	12/18/24	12/18/24	-
Oil Range Organics (C28-C36)	ND	50.0		1	12/18/24	12/18/24	
Surrogate: n-Nonane		112 %	50-200		12/18/24	12/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: DT		Batch: 2451050
Chloride	38.3	20.0		1	12/18/24	12/18/24	

Matador Resources, LLC.Project Name:Weinberger Fed Com #135 Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo12/23/20249:31:38AM

#### FS44-4' E412137-04

		Reporting				
Analyte	Result	Limit	Dilut	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	g/kg Analyst: RKS			Batch: 2451049
Benzene	ND	0.0250	1	12/18/24	12/18/24	
Ethylbenzene	ND	0.0250	1	12/18/24	12/18/24	
Toluene	ND	0.0250	1	12/18/24	12/18/24	
o-Xylene	ND	0.0250	1	12/18/24	12/18/24	
p,m-Xylene	ND	0.0500	1	12/18/24	12/18/24	
Total Xylenes	ND	0.0250	1	12/18/24	12/18/24	
Surrogate: Bromofluorobenzene		121 %	70-130	12/18/24	12/18/24	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130	12/18/24	12/18/24	
Surrogate: Toluene-d8		112 %	70-130	12/18/24	12/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	P	Analyst: RKS		Batch: 2451049
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/24	12/18/24	
Surrogate: Bromofluorobenzene		121 %	70-130	12/18/24	12/18/24	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130	12/18/24	12/18/24	
Surrogate: Toluene-d8		112 %	70-130	12/18/24	12/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2451055
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/24	12/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/24	12/18/24	
Surrogate: n-Nonane		128 %	50-200	12/18/24	12/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2451050
Chloride	ND	20.0	1	12/18/24	12/18/24	



Matador Resources, LLC.Project Name:Weinberger Fed Com #135 Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo12/23/20249:31:38AM

#### FS43-4' E412137-05

		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2451049
Benzene	ND	0.0250	1	l	12/18/24	12/18/24	
Ethylbenzene	ND	0.0250	1	l	12/18/24	12/18/24	
Toluene	ND	0.0250	1	l	12/18/24	12/18/24	
o-Xylene	ND	0.0250	1	l	12/18/24	12/18/24	
p,m-Xylene	ND	0.0500	1	l	12/18/24	12/18/24	
Total Xylenes	ND	0.0250	1	l	12/18/24	12/18/24	
Surrogate: Bromofluorobenzene		122 %	70-130		12/18/24	12/18/24	
Surrogate: 1,2-Dichloroethane-d4		91.1 %	70-130		12/18/24	12/18/24	
Surrogate: Toluene-d8		113 %	70-130		12/18/24	12/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS			Batch: 2451049
Gasoline Range Organics (C6-C10)	ND	20.0	1	Į.	12/18/24	12/18/24	
Surrogate: Bromofluorobenzene		122 %	70-130		12/18/24	12/18/24	
Surrogate: 1,2-Dichloroethane-d4		91.1 %	70-130		12/18/24	12/18/24	
Surrogate: Toluene-d8		113 %	70-130		12/18/24	12/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2451055
Diesel Range Organics (C10-C28)	ND	25.0	1	1	12/18/24	12/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	<u> </u>	12/18/24	12/18/24	
Surrogate: n-Nonane		124 %	50-200		12/18/24	12/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2451050
		20.0	1		12/18/24	12/18/24	



Matador Resources, LLC.Project Name:Weinberger Fed Com #135 Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo12/23/20249:31:38AM

#### FS45-4' E412137-06

		Reporting				
Analyte	Result	Limit	Dilut	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2451049
Benzene	ND	0.0250	1	12/18/24	12/18/24	
Ethylbenzene	ND	0.0250	1	12/18/24	12/18/24	
Toluene	ND	0.0250	1	12/18/24	12/18/24	
o-Xylene	ND	0.0250	1	12/18/24	12/18/24	
p,m-Xylene	ND	0.0500	1	12/18/24	12/18/24	
Total Xylenes	ND	0.0250	1	12/18/24	12/18/24	
Surrogate: Bromofluorobenzene		120 %	70-130	12/18/24	12/18/24	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130	12/18/24	12/18/24	
Surrogate: Toluene-d8		112 %	70-130	12/18/24	12/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: RKS		Batch: 2451049
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/24	12/18/24	
Surrogate: Bromofluorobenzene		120 %	70-130	12/18/24	12/18/24	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130	12/18/24	12/18/24	
Surrogate: Toluene-d8		112 %	70-130	12/18/24	12/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2451055
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/24	12/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/24	12/18/24	
Surrogate: n-Nonane		130 %	50-200	12/18/24	12/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2451050
Chloride	ND	20.0	1	12/18/24	12/18/24	

Matador Resources, LLC.Project Name:Weinberger Fed Com #135 Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo12/23/20249:31:38AM

#### FS46-4' E412137-07

n Prepared	Analyzed	Notes
1	1 mary zea	Notes
1 TOTAL		
alyst: RKS		Batch: 2451049
12/18/24	12/18/24	
12/18/24	12/18/24	
12/18/24	12/18/24	
12/18/24	12/18/24	
12/18/24	12/18/24	
12/18/24	12/18/24	
12/18/24	12/18/24	
12/18/24	12/18/24	
12/18/24	12/18/24	
alyst: RKS		Batch: 2451049
12/18/24	12/18/24	
12/18/24	12/18/24	
12/18/24	12/18/24	
12/18/24	12/18/24	
alyst: NV		Batch: 2451055
12/18/24	12/18/24	
12/18/24	12/18/24	
12/18/24	12/18/24	
alyst: DT		Batch: 2451050
12/18/24	12/18/24	<del></del>
al	12/18/24 12/18/24 12/18/24 12/18/24 12/18/24 12/18/24 12/18/24 12/18/24 12/18/24 12/18/24 12/18/24 12/18/24 12/18/24 12/18/24 12/18/24 12/18/24 12/18/24 12/18/24 12/18/24	12/18/24 12/18/24



Matador Resources, LLC.Project Name:Weinberger Fed Com #135 Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo12/23/20249:31:38AM

#### FS47-3' E412137-08

Analyte	Result	Reporting Limit	Dilut	tion Pre	pared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS			Batch: 2451049
Benzene	ND	0.0250	1	•	18/24	12/20/24	
Ethylbenzene	ND	0.0250	1	12/	18/24	12/20/24	
Toluene	ND	0.0250	1	12/	18/24	12/20/24	
o-Xylene	ND	0.0250	1	12/	18/24	12/20/24	
p,m-Xylene	ND	0.0500	1	12/	18/24	12/20/24	
Total Xylenes	ND	0.0250	1	12/	18/24	12/20/24	
Surrogate: Bromofluorobenzene		119 %	70-130	12/.	18/24	12/20/24	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130	12/.	18/24	12/20/24	
Surrogate: Toluene-d8		113 %	70-130	12/	18/24	12/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS			Batch: 2451049
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/	18/24	12/20/24	
Surrogate: Bromofluorobenzene		119 %	70-130	12/.	18/24	12/20/24	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130	12/.	18/24	12/20/24	
Surrogate: Toluene-d8		113 %	70-130	12/	18/24	12/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV			Batch: 2451055
Diesel Range Organics (C10-C28)	ND	25.0	1	12/	18/24	12/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/	18/24	12/18/24	
Surrogate: n-Nonane		124 %	50-200	12/.	18/24	12/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT			Batch: 2451050
Chloride	29.2	20.0	1	12/	18/24	12/18/24	



Matador Resources, LLC.Project Name:Weinberger Fed Com #135 Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo12/23/20249:31:38AM

#### FS48-3' E412137-09

Analyte	Result	Reporting Limit	Dilut	tion Pr	repared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS			Batch: 2451049
Benzene	ND	0.0250	1	12	2/18/24	12/20/24	
Ethylbenzene	ND	0.0250	1	12	2/18/24	12/20/24	
Toluene	ND	0.0250	1	12	2/18/24	12/20/24	
o-Xylene	ND	0.0250	1	12	2/18/24	12/20/24	
p,m-Xylene	ND	0.0500	1	12	2/18/24	12/20/24	
Total Xylenes	ND	0.0250	1	12	2/18/24	12/20/24	
Surrogate: Bromofluorobenzene		118 %	70-130	12	2/18/24	12/20/24	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130	12	2/18/24	12/20/24	
Surrogate: Toluene-d8		111 %	70-130	12	2/18/24	12/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: RKS			Batch: 2451049
Gasoline Range Organics (C6-C10)	ND	20.0	1	12	2/18/24	12/20/24	
Surrogate: Bromofluorobenzene		118 %	70-130	12	2/18/24	12/20/24	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130	12	2/18/24	12/20/24	
Surrogate: Toluene-d8		111 %	70-130	12	2/18/24	12/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: NV			Batch: 2451055
Diesel Range Organics (C10-C28)	35.1	25.0	1	12	2/18/24	12/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12	2/18/24	12/19/24	
Surrogate: n-Nonane		125 %	50-200	12	2/18/24	12/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT			Batch: 2451050
Chloride	46.7	20.0	1	12	2/18/24	12/18/24	



Matador Resources, LLC.Project Name:Weinberger Fed Com #135 Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo12/23/20249:31:38AM

#### FS49-4.5' E412137-10

		2112107 10					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2451049
Benzene	ND	0.0250		1	12/18/24	12/20/24	
Ethylbenzene	ND	0.0250		1	12/18/24	12/20/24	
Toluene	ND	0.0250		1	12/18/24	12/20/24	
o-Xylene	ND	0.0250		1	12/18/24	12/20/24	
p,m-Xylene	ND	0.0500		1	12/18/24	12/20/24	
Total Xylenes	ND	0.0250		1	12/18/24	12/20/24	
Surrogate: Bromofluorobenzene		117 %	70-130		12/18/24	12/20/24	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130		12/18/24	12/20/24	
Surrogate: Toluene-d8		112 %	70-130		12/18/24	12/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RKS		Batch: 2451049
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/18/24	12/20/24	
Surrogate: Bromofluorobenzene		117 %	70-130		12/18/24	12/20/24	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130		12/18/24	12/20/24	
Surrogate: Toluene-d8		112 %	70-130		12/18/24	12/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2451055
Diesel Range Organics (C10-C28)	ND	25.0		1	12/18/24	12/19/24	
Oil Range Organics (C28-C36)	ND	50.0		1	12/18/24	12/19/24	
Surrogate: n-Nonane		132 %	50-200		12/18/24	12/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2451050
Chloride	ND	100		5	12/18/24	12/18/24	



Matador Resources, LLC.Project Name:Weinberger Fed Com #135 Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo12/23/20249:31:38AM

#### FS50-3' E412137-11

		2112107 11					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2451049
Benzene	ND	0.0250		1	12/18/24	12/20/24	
Ethylbenzene	ND	0.0250		1	12/18/24	12/20/24	
Toluene	ND	0.0250		1	12/18/24	12/20/24	
o-Xylene	ND	0.0250		1	12/18/24	12/20/24	
p,m-Xylene	ND	0.0500		1	12/18/24	12/20/24	
Total Xylenes	ND	0.0250		1	12/18/24	12/20/24	
Surrogate: Bromofluorobenzene		115 %	70-130		12/18/24	12/20/24	
Surrogate: 1,2-Dichloroethane-d4		91.8 %	70-130		12/18/24	12/20/24	
Surrogate: Toluene-d8		111 %	70-130		12/18/24	12/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RKS		Batch: 2451049
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/18/24	12/20/24	
Surrogate: Bromofluorobenzene		115 %	70-130		12/18/24	12/20/24	
Surrogate: 1,2-Dichloroethane-d4		91.8 %	70-130		12/18/24	12/20/24	
Surrogate: Toluene-d8		111 %	70-130		12/18/24	12/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2451055
Diesel Range Organics (C10-C28)	48.9	25.0		1	12/18/24	12/19/24	
Oil Range Organics (C28-C36)	ND	50.0		1	12/18/24	12/19/24	
Surrogate: n-Nonane		132 %	50-200	·	12/18/24	12/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2451050
Chloride	28.5	20.0		1	12/18/24	12/18/24	



Matador Resources, LLC.Project Name:Weinberger Fed Com #135 Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo12/23/20249:31:38AM

#### FS51-4' E412137-12

		2112107 12					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2451049
Benzene	ND	0.0250		1	12/18/24	12/20/24	
Ethylbenzene	ND	0.0250		1	12/18/24	12/20/24	
Toluene	ND	0.0250		1	12/18/24	12/20/24	
o-Xylene	ND	0.0250		1	12/18/24	12/20/24	
p,m-Xylene	ND	0.0500		1	12/18/24	12/20/24	
Total Xylenes	ND	0.0250		1	12/18/24	12/20/24	
Surrogate: Bromofluorobenzene		119 %	70-130		12/18/24	12/20/24	
Surrogate: 1,2-Dichloroethane-d4		93.6 %	70-130		12/18/24	12/20/24	
Surrogate: Toluene-d8		112 %	70-130		12/18/24	12/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2451049
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/18/24	12/20/24	
Surrogate: Bromofluorobenzene		119 %	70-130		12/18/24	12/20/24	
Surrogate: 1,2-Dichloroethane-d4		93.6 %	70-130		12/18/24	12/20/24	
Surrogate: Toluene-d8		112 %	70-130		12/18/24	12/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2451055
Diesel Range Organics (C10-C28)	ND	25.0		1	12/18/24	12/19/24	
Oil Range Organics (C28-C36)	ND	50.0		1	12/18/24	12/19/24	
Surrogate: n-Nonane		133 %	50-200		12/18/24	12/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: DT		Batch: 2451050
Chloride	32.1	20.0		1	12/18/24	12/18/24	

Matador Resources, LLC.Project Name:Weinberger Fed Com #135 Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo12/23/20249:31:38AM

#### FS52-4' E412137-13

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: 1	RKS		Batch: 2451049
Benzene	ND	0.0250	1	1	12/18/24	12/20/24	
Ethylbenzene	ND	0.0250	1	1	12/18/24	12/20/24	
Toluene	ND	0.0250	1	1	12/18/24	12/20/24	
o-Xylene	ND	0.0250	1	1	12/18/24	12/20/24	
p,m-Xylene	ND	0.0500	1	1	12/18/24	12/20/24	
Total Xylenes	ND	0.0250	1	1	12/18/24	12/20/24	
Surrogate: Bromofluorobenzene		118 %	70-130		12/18/24	12/20/24	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		12/18/24	12/20/24	
Surrogate: Toluene-d8		112 %	70-130		12/18/24	12/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: 1	RKS		Batch: 2451049
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	12/18/24	12/20/24	
Surrogate: Bromofluorobenzene		118 %	70-130		12/18/24	12/20/24	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		12/18/24	12/20/24	
Surrogate: Toluene-d8		112 %	70-130		12/18/24	12/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 1	NV		Batch: 2451055
Diesel Range Organics (C10-C28)	ND	25.0	1	1	12/18/24	12/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	12/18/24	12/19/24	
Surrogate: n-Nonane		126 %	50-200		12/18/24	12/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: 1	DT		Batch: 2451050
Chloride	80.6	20.0	1	1	12/18/24	12/18/24	

Matador Resources, LLC.Project Name:Weinberger Fed Com #135 Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo12/23/20249:31:38AM

#### SW05-0'-4' E412137-14

		211210711				
Analyte	Result	Reporting Limit	Dilut	ion Prepared	Analyzed	Notes
	mg/kg	mg/kg		Analyst: RKS	111111,204	Batch: 2451049
Volatile Organic Compounds by EPA 8260B	ND	0.0250	1	12/18/24	12/20/24	Dateii. 2731079
Benzene	ND ND	0.0250	1	12/18/24	12/20/24	
Ethylbenzene	ND ND	0.0250	1	12/18/24	12/20/24	
Toluene			1	12/18/24	12/20/24	
o-Xylene	ND	0.0250	1	12/18/24	12/20/24	
p,m-Xylene	ND	0.0500	1	12/18/24	12/20/24	
Total Xylenes	ND	0.0250	1	12/16/24	12/20/24	
Surrogate: Bromofluorobenzene		114 %	70-130	12/18/24	12/20/24	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	12/18/24	12/20/24	
Surrogate: Toluene-d8		112 %	70-130	12/18/24	12/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: RKS		Batch: 2451049
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/24	12/20/24	
Surrogate: Bromofluorobenzene		114 %	70-130	12/18/24	12/20/24	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	12/18/24	12/20/24	
Surrogate: Toluene-d8		112 %	70-130	12/18/24	12/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2451055
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/24	12/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/24	12/19/24	
Surrogate: n-Nonane		132 %	50-200	12/18/24	12/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2451050
Chloride	ND	20.0	1	12/18/24	12/18/24	



Matador Resources, LLC.Project Name:Weinberger Fed Com #135 Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo12/23/20249:31:38AM

#### SW06-0'-4' E412137-15

		E412137-15					
Analyte	Result	Reporting Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Allarytt	Result	Limit	Dilu	ition	Trepared	Anaryzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2451049
Benzene	ND	0.0250	1	1	12/18/24	12/20/24	
Ethylbenzene	ND	0.0250	1	1	12/18/24	12/20/24	
Toluene	ND	0.0250	1	1	12/18/24	12/20/24	
o-Xylene	ND	0.0250	1	1	12/18/24	12/20/24	
p,m-Xylene	ND	0.0500	1	1	12/18/24	12/20/24	
Total Xylenes	ND	0.0250	1	1	12/18/24	12/20/24	
Surrogate: Bromofluorobenzene		116 %	70-130		12/18/24	12/20/24	
Surrogate: 1,2-Dichloroethane-d4		91.9 %	70-130		12/18/24	12/20/24	
Surrogate: Toluene-d8		112 %	70-130		12/18/24	12/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2451049
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	12/18/24	12/20/24	
Surrogate: Bromofluorobenzene		116 %	70-130		12/18/24	12/20/24	
Surrogate: 1,2-Dichloroethane-d4		91.9 %	70-130		12/18/24	12/20/24	
Surrogate: Toluene-d8		112 %	70-130		12/18/24	12/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2451055
Diesel Range Organics (C10-C28)	ND	25.0	1	1	12/18/24	12/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	l	12/18/24	12/19/24	
Surrogate: n-Nonane		120 %	50-200		12/18/24	12/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2451050
Chloride	ND	20.0	1	1	12/18/24	12/18/24	

Matador Resources, LLC.Project Name:Weinberger Fed Com #135 Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo12/23/20249:31:38AM

#### SW07-0'-4' E412137-16

		E41213/-10					
Analyta	Result	Reporting Limit	Dilu	ıti om	Prepared	Amalyzand	Notes
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2451049
Benzene	ND	0.0250	1	1	12/18/24	12/20/24	
Ethylbenzene	ND	0.0250	1	1	12/18/24	12/20/24	
Toluene	ND	0.0250	1	1	12/18/24	12/20/24	
o-Xylene	ND	0.0250	1	1	12/18/24	12/20/24	
p,m-Xylene	ND	0.0500	1	1	12/18/24	12/20/24	
Total Xylenes	ND	0.0250	1	1	12/18/24	12/20/24	
Surrogate: Bromofluorobenzene		118 %	70-130		12/18/24	12/20/24	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130		12/18/24	12/20/24	
Surrogate: Toluene-d8		112 %	70-130		12/18/24	12/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2451049
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	12/18/24	12/20/24	
Surrogate: Bromofluorobenzene		118 %	70-130		12/18/24	12/20/24	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130		12/18/24	12/20/24	
Surrogate: Toluene-d8		112 %	70-130		12/18/24	12/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2451055
Diesel Range Organics (C10-C28)	ND	25.0	1	1	12/18/24	12/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	12/18/24	12/19/24	
Surrogate: n-Nonane		121 %	50-200		12/18/24	12/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2451050
Chloride	33.3	20.0	1	1	12/18/24	12/18/24	

Matador Resources, LLC.Project Name:Weinberger Fed Com #135 Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo12/23/20249:31:38AM

#### SW09-0'-4' E412137-17

		E41213/-1/					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2451049
Benzene	ND	0.0250		1	12/18/24	12/20/24	
Ethylbenzene	ND	0.0250		1	12/18/24	12/20/24	
Toluene	ND	0.0250		1	12/18/24	12/20/24	
o-Xylene	ND	0.0250		1	12/18/24	12/20/24	
p,m-Xylene	ND	0.0500		1	12/18/24	12/20/24	
Total Xylenes	ND	0.0250		1	12/18/24	12/20/24	
Surrogate: Bromofluorobenzene		117 %	70-130		12/18/24	12/20/24	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130		12/18/24	12/20/24	
Surrogate: Toluene-d8		113 %	70-130		12/18/24	12/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2451049
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/18/24	12/20/24	
Surrogate: Bromofluorobenzene		117 %	70-130		12/18/24	12/20/24	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130		12/18/24	12/20/24	
Surrogate: Toluene-d8		113 %	70-130		12/18/24	12/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2451055
Diesel Range Organics (C10-C28)	ND	25.0		1	12/18/24	12/19/24	
Oil Range Organics (C28-C36)	ND	50.0		1	12/18/24	12/19/24	
Surrogate: n-Nonane		125 %	50-200		12/18/24	12/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2451050
Chloride	ND	20.0		1	12/18/24	12/18/24	



Matador Resources, LLC.Project Name:Weinberger Fed Com #135 Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo12/23/20249:31:38AM

#### SW10-0'-4' E412137-18

		1212137-10				
Analyte	Result	Reporting Limit	Dilut	tion Prepared	Analyzed	Notes
Allaryte	Result	Liiiit		1	Anaryzeu	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: RKS		Batch: 2451049
Benzene	ND	0.0250	1	12/18/24	12/20/24	
Ethylbenzene	ND	0.0250	1	12/18/24	12/20/24	
Toluene	ND	0.0250	1	12/18/24	12/20/24	
o-Xylene	ND	0.0250	1	12/18/24	12/20/24	
p,m-Xylene	ND	0.0500	1	12/18/24	12/20/24	
Total Xylenes	ND	0.0250	1	12/18/24	12/20/24	
Surrogate: Bromofluorobenzene		118 %	70-130	12/18/24	12/20/24	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130	12/18/24	12/20/24	
Surrogate: Toluene-d8		112 %	70-130	12/18/24	12/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: RKS		Batch: 2451049
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/24	12/20/24	
Surrogate: Bromofluorobenzene		118 %	70-130	12/18/24	12/20/24	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130	12/18/24	12/20/24	
Surrogate: Toluene-d8		112 %	70-130	12/18/24	12/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2451055
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/24	12/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/24	12/19/24	
Surrogate: n-Nonane		120 %	50-200	12/18/24	12/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2451050
Chloride	34.0	20.0	1	12/18/24	12/18/24	



Matador Resources, LLC.Project Name:Weinberger Fed Com #135 Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo12/23/2024 9:31:38AM

#### FS41-4' E412137-19

		211210717					
Analyte	Result	Reporting Limit	Dilu	ution	Prepared	Analyzed	Notes
Analyte	Resuit	Liinit	Dilu	IIIOII	rrepareu	Anaryzed	notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: Rl	KS		Batch: 2451049
Benzene	ND	0.0250	1	l	12/18/24	12/20/24	
Ethylbenzene	ND	0.0250	1	[	12/18/24	12/20/24	
Toluene	ND	0.0250	1	l	12/18/24	12/20/24	
o-Xylene	ND	0.0250	1	l	12/18/24	12/20/24	
p,m-Xylene	ND	0.0500	1	l	12/18/24	12/20/24	
Total Xylenes	ND	0.0250	1	Į	12/18/24	12/20/24	
Surrogate: Bromofluorobenzene		116 %	70-130		12/18/24	12/20/24	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130		12/18/24	12/20/24	
Surrogate: Toluene-d8		112 %	70-130		12/18/24	12/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	_	Analyst: Rl	KS		Batch: 2451049
Gasoline Range Organics (C6-C10)	ND	20.0	1	[	12/18/24	12/20/24	
Surrogate: Bromofluorobenzene		116 %	70-130		12/18/24	12/20/24	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130		12/18/24	12/20/24	
Surrogate: Toluene-d8		112 %	70-130		12/18/24	12/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: N	V		Batch: 2451055
Diesel Range Organics (C10-C28)	ND	25.0	1	1	12/18/24	12/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	l	12/18/24	12/19/24	
Surrogate: n-Nonane		126 %	50-200		12/18/24	12/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: D'	Т		Batch: 2451050
Chloride	28.5	20.0	1	1	12/18/24	12/18/24	



Matador Resources, LLC.Project Name:Weinberger Fed Com #135 Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo12/23/20249:31:38AM

Dallas TX, 75240	Project	Manager:	As	shley Giovengo	)			12/	/23/2024 9:31:38AN
	Volatile Organic Compounds by EPA 8260B								Analyst: RKS
Analyte Re		orting imit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
mg	/kg mg	g/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2451049-BLK1)							Prepared: 12	2/18/24 Ana	lyzed: 12/18/24
Benzene N	ID 0.0	0250							
Ethylbenzene N	ID 0.0	0250							
•		0250							
o-Xylene N	ID 0.0	0250							
o,m-Xylene N	ID 0.0	0500							
Total Xylenes N	ID 0.0	0250							
Surrogate: Bromofluorobenzene 0.0	512		0.500		122	70-130			
Surrogate: 1,2-Dichloroethane-d4 0.	445		0.500		88.9	70-130			
Surrogate: Toluene-d8 0	571		0.500		114	70-130			
LCS (2451049-BS1)							Prepared: 12	2/18/24 Ana	lyzed: 12/18/24
Benzene 2.	60 0.0	0250	2.50		104	70-130			
Ethylbenzene 2.	72 0.0	0250	2.50		109	70-130			
Toluene 2.	67 0.0	0250	2.50		107	70-130			
p-Xylene 2.	86 0.0	0250	2.50		114	70-130			
o,m-Xylene 5.	71 0.0	)500	5.00		114	70-130			
Total Xylenes 8.	56 0.0	0250	7.50		114	70-130			
Surrogate: Bromofluorobenzene 0.0	506		0.500		121	70-130			
Surrogate: 1,2-Dichloroethane-d4 0.	179		0.500		95.8	70-130			
Surrogate: Toluene-d8 0	557		0.500		111	70-130			
LCS Dup (2451049-BSD1)							Prepared: 12	2/18/24 Ana	lyzed: 12/18/24
Benzene 2.	56 0.0	0250	2.50		102	70-130	1.47	23	
Ethylbenzene 2.	73 0.0	0250	2.50		109	70-130	0.532	27	
Toluene 2.	70 0.0	0250	2.50		108	70-130	0.875	24	
,		0250	2.50		112	70-130	2.32	27	
o,m-Xylene 5.	58 0.0	0500	5.00		112	70-130	2.20	27	
Total Xylenes 8.	38 0.0	0250	7.50		112	70-130	2.24	27	
Surrogate: Bromofluorobenzene 0.0	517		0.500		123	70-130			
Surrogate: 1,2-Dichloroethane-d4 0.	479		0.500		95.8	70-130			

0.500

113

70-130



Surrogate: Toluene-d8

0.565

Matador Resources, LLC.Project Name:Weinberger Fed Com #135 Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo12/23/2024 9:31:38AM

M. J. J	^ · · · · · · · · · · · · · · · · · · ·	L EDA	0015D	CDO
Nonhalogenated	Organics	DV EPA	80151) -	CTKO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2451049-BLK1)						F	repared: 12	2/18/24 Anal	yzed: 12/18/24

Blank (2451049-BLK1)						Prepared: 12	2/18/24 Analyz	ed: 12/18/24
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: Bromofluorobenzene	0.612		0.500	122	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.445		0.500	88.9	70-130			
Surrogate: Toluene-d8	0.571		0.500	114	70-130			
LCS (2451049-BS2)						Prepared: 12	2/18/24 Analyz	ed: 12/18/24
Gasoline Range Organics (C6-C10)	63.5	20.0	50.0	127	70-130			
Surrogate: Bromofluorobenzene	0.626		0.500	125	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.466		0.500	93.2	70-130			
Surrogate: Toluene-d8	0.579		0.500	116	70-130			
LCS Dup (2451049-BSD2)						Prepared: 12	2/18/24 Analyz	ed: 12/18/24
Gasoline Range Organics (C6-C10)	61.4	20.0	50.0	123	70-130	3.28	20	
Surrogate: Bromofluorobenzene	0.611		0.500	122	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.468		0.500	93.5	70-130			
Surrogate: Toluene-d8	0.564		0.500	113	70-130			



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/23/2024 9:31:38AM

Dallas 1A, 73240		Project Manager	i. As	sniey Gloveng	30			1.	2/23/2024 9.31.36A
	Nonha	logenated Or	ganics by l	EPA 8015I	) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
lank (2451055-BLK1)							Prepared: 1	2/18/24 An	alyzed: 12/18/24
iesel Range Organics (C10-C28)	ND	25.0							
il Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	60.9		50.0		122	50-200			
CS (2451055-BS1)							Prepared: 1	2/18/24 An	alyzed: 12/18/24
iesel Range Organics (C10-C28)	306	25.0	250		123	38-132			
urrogate: n-Nonane	63.5		50.0		127	50-200			
latrix Spike (2451055-MS1)				Source:	E412137-	09	Prepared: 1	2/18/24 An	alyzed: 12/18/24
iesel Range Organics (C10-C28)	323	25.0	250	35.1	115	38-132			
urrogate: n-Nonane	58.5		50.0		117	50-200			
1atrix Spike Dup (2451055-MSD1)				Source:	E412137-	09	Prepared: 1	2/18/24 An	alyzed: 12/18/24
iesel Range Organics (C10-C28)	337	25.0	250	35.1	121	38-132	4.31	20	

Chloride

## **QC Summary Data**

Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/23/2024 9:31:38AM

	Anions by EPA 300.0/9056A											
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit				
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes			
Blank (2451050-BLK1)							Prepared: 1	2/18/24 Anal	yzed: 12/18/24			
Chloride	ND	20.0										
LCS (2451050-BS1)							Prepared: 1	2/18/24 Anal	yzed: 12/18/24			
Chloride	253	20.0	250		101	90-110						
LCS Dup (2451050-BSD1)							Prepared: 1	2/18/24 Anal	yzed: 12/18/24			

250

20.0

102

90-110

0.602

254

#### QC Summary Report Comment:

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



## **Definitions and Notes**

l	Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
l	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
١	Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/23/24 09:31

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Page	of	1

	Clie	nt Inforn	nation			Invoice Information Lab Use Only TAT						State												
	ATADOR PR					-	pany: Ensolum LLC		i	ab \	WO#			Job			2	1D	2D	3D S		NM	co ut	TX
	Weinberger			Pad		100000	ress: 3122 National Parks H	A	-	E4	12	13	7	230	203	-000	d			X		X		
	Manager: As 3122 Natio						, <u>State, Zip: Carlsbad NM, 8</u> ne: 575-988-0055	8220	-	ſ				Δna	lvsis	and	Met	hod			Ŧ	FD	A Progra	am
	e, Zip: Carls						ail: agiovengo@ensolum.c	om		- 7				Alla	1 4 3 1 3	una	WICE	ilou				SDWA	CWA	RCRA
Phone:	575-988-005	5				_	ellaneous:																	7.086.2.0
Email: a	giovengo@e	nsolum.c	com				77.53.630				115	15									-	Complianc	e Y	or N
				Com	ple Infor	matia				- 4	DRO/ORO by 8015	GRO/DRO by 8015	120	09	0.00	N	X	etals			1	PWSID #		
Time			No. of	Salli	pie imori			ь à	Lat	2	ORO	'DRO	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals					Remarks	
Sampled	Date Sampled	Matrix	Containers				Sample ID	Fiel	Lat Numl	ber	DRO/	GRO,	втех	VOC	Chlor	BGDC	TCEQ	RCRA					i ci ii ci ii ci	
1115	12/16/24	S	1		F	53	7-41		1							+								
1118	12/16/14	S	1		F	54	0-4'		a							+								
1131	12/16/24	S	l		F	54	2-41		3	,						+								
1123	1411/24	S	U		F	54	4-41		4							+								
1125	12/16/24	5			F	5 6	13-41		5							+								
1115	12/16/24	5	1		F	SL	45-41		6							+								
1113	11/16/24	S	1		F	SL	16-41		7	2						+								
1127	17/16/24	5	1.		F	54	7-3'		8							+								
1121	12/16/24	5	I		F	SL	18-3'		9							+								
1536	12/16/24	5	1		F	54	9-4.51		10	)						+								
						com, a	agiovengo@ensolum.com, o	hamilto	n@en	solu	ım.c	om, i	estr	ella@	ens	olum	.com	ı, bd	eal@	ensol	um.	com,		
	ns@ensolun					re that	tampering with or intentionally mislab	aling the ca	mple loc	ation	date	or time	o of co	llaction	n is so	ridore	d frau	d and	may b	o ground	c for l	agal netion		
	:Higinio Go					ire tilat	tampering with or intentionally mislable	ing the sa	imple loc	ation,	, uate	OI LIIII	e oi co	nection	1 15 CO	isidere	unau	u anu	may be	e ground	5 101 16	egai action.		
Relinquish	ed by: (Signatu	re)	Date		Time	1	Received by: (Signature)	Date			Time	- 1				2014						t be received o		
denn	atlian	le		17/24	7:2	1	" "	Q.	17.2	4		72					uent d		packed	100		emp above 0 I	out less than	6 °C on
	ed by (Signato		12	17.24	Time 164	0	Received by: (Signature)	Date	.17.20	4	Time /	16	5			Rece	eived	on i	ce:	Y		Only		
lon	ed by: (Signatu		Date 17	.17.24	131	5	Received by: (Signature)	Pate	718-	24	Time	815				T1				<u>T2</u>			Т3	
	ed by: (Signatu		Date		Time		Received by: (Signature)	3 46	7		Time						Tem			1_				
	trix: S - Soil, Sd - S								ntainer		_	-						_						
							rrangements are made. Hazardou										clien	t exp	ense.	The rep	ort fo	or the analy	sis of the	above

	State	
NM	CO UT	TX
NM X	CO UT	
SDWA	PA Progra CWA	m RCRA
SUWA	CWA	NCNA
Complian	ce Y	or N
PWSID#		
	Remarks	
1		
n.com,		

1153 11/6/24 S 1 SW06-0'-4' 15 + 15 150 17/6/24 S 1 SW07-0'-3' 16 7 17 17 17 17 17 17 17 17 17 17 17 17 1		Clie	nt Inforn	nation			Invoice Information	on				Lab L	se O	nly		TAT					State		
Project Manager: Ashlev Giovengo Additional Instructions: Please CC: cutron@ensolum.com, agiovengo@ensolum.com, chamilton@ensolum.com, beautient to the validay of body and surface froid and may be growth frigal action.  Sample Information  Information  Sample Information  Sample Information  Informa	Client: N	ATADOR PRO	ODUCTIO	N COMP	ANY	Co	ompany: Ensolum LLC		1	ab W	0#						1D	2D	3D S	Std	NM	CO UT	TX
Project Manager: Ashlev Giovengo Additional Instructions: Please CC: cutron@ensolum.com, agiovengo@ensolum.com, chamilton@ensolum.com, beautient to the validay of body and surface froid and may be growth frigal action.  Sample Information  Information  Sample Information  Sample Information  Informa	Project:	Weinberger I	Fed Com	135 Wel	l Pad	A	ddress: 3122 National Parks	Hwy		E41	2	130	2	3003	-000	22			>	(	X		
Clin. State. Zinc. Carlabad MM. 88220   Email: _argiovengo@ensolum.com   Miscellaneous:   Somple Information   Sample roject I	Manager: As	hley Giov	engo		Ci	ty, State, Zip: Carlsbad NM,	88220																
Planes: \$75-988-0055 Email: apioverso@ensolum.com    Miscellaneous:	Address	3122 Natio	nal Parks	Hwy		Ph	none: 575-988-0055						An	alysis	and	Met	hod				EP	A Progra	ım
Phone: S75-988-0055 Email: aplove good @ ensolum.com    Sample Information								.com					T								SDWA	CWA	RCRA
Sample Information  Sample Information  Sample ID  Samp																				1			
Sample Information   Sample		The common and beautiful		om							, ,										Compliand	e Y	or N
1529   164544   S   1										5	108	801		0			50			1	PWSID#		
1529   164544   S   1					Sam	ple Informat	ion				000	O by	3260	300	ž	5-1	Meta			1			
1529   164544   S   1	Time	Box Constal	6.42.65G	No. of			Comple ID	9	Lal	5	NO.	X by	þ	oride	000	100 ک	A 8 1					Remarks	ir i
1519   176/14   S   FS 50 - 3	Sampled	Date Sampled	Matrix	Containers			Sample ID	E :	Num	ber	DRC	GRC	9	Chlo	BGC	TCEC	RCR						
1529 Weby S 1 FS 52 - Y' 13	1124	12/124	5			FS	50-31		11						f								
13	1529	12/16/24	5	(		FS	51-27441		12						+								
1153   1/16/24   S     SW0 6 - 6' - 4'   17   17   17   17   17   17   17   1	1329	12/16/24	S	1		FS	52-41		13						+								
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, chamilton@ensolum.com, iestrella@ensolum.com, bdeal@ensolum.com, bsimmons@ensolum.com, jgonzalez@ensolum.com  If Gld 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: "Highino Gonzalez And Servilla H. In Mile"  Relinquished by: (Signature)  Date  Window Date  Window Date  J. J. J. Hime  Date  J. J. J. Hime  J. J. J. Hime  J. J. J. Hime  J. J. J. Hime  J. J. J. Hime  J. J. J. Hime  J. J. J. Hime  J. J. J. Hime  J. J. J. Hime  J. J. J. Hime  J. J. J. Hime  J. J. J. Hime  J. J. J. J. Hime  J. J. J. J. Hime  J. J. J. J. Hime  J. J. J. J. Hime  J. J. J. J. Hime  J. J. J. J. Hime  J. J. J. J. Hime  J. J. J. J. Hime  J. J. J. J. Hime  J. J. J. J. Hime  J. J. J. J. Hime  J. J. J. J. J. Hime  J. J. J. J. Hime  J. J. J. J. Hime  J. J. J. J. Hime  J. J. J. J. J. Hime  J. J. J. J. J. Hime  J. J. J. J. J. J. J. J. J. Hime  J. J. J. J. J. J. J. J. J. J. J. J. J. J	1148	12/16/24	5	1		SWO	5-0-41		14						+								
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, chamilton@ensolum.com, iestrella@ensolum.com, beal@ensolum.com, beal@ensolum.com, jognzalez@ensolum.com, jognzalez@ensolum.com, jognzalez@ensolum.com, jognzalez@ensolum.com, permanenta jognalez@ensolum.com, jognzalez@ensolum.com, jognzalez@e	1153	12/16/24	5	1		SWO 6	5-6'-41		15						+								
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, chamilton@ensolum.com, iestrella@ensolum.com, beimmons@ensolum.com, jgonzalez@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:Highino Gonzalez_A_A_DENIMA_H_A_NEL_E  Relinquished by: (Signature)  Date	1159	12/16/24	S	1		SW07	-0'-3'		16						+								
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, chamilton@ensolum.com, iestrella@ensolum.com, beimmons@ensolum.com, jgonzalez@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:Highino Gonzalez_A_A_DENIMA_H_A_NEL_E  Relinquished by: (Signature)  Date	1204	12/16/24	S	1		SWOO	1-01-41		17						+								
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, chamilton@ensolum.com, iestrella@ensolum.com, beimmons@ensolum.com, jgonzalez@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: Highino Gonzalez ANDENIA H. MILE  Relinquished by: (Signature)  Date  ITIME  Received by: (Signature)  Date  ITIME  Received by: (Signature)  Date  ITIME  Received by: (Signature)  Date  ITIME  Received by: (Signature)  Date  ITIME  Received by: (Signature)  Date  ITIME  Received on ice: Y / N  Relinquished by: (Signature)  Date  ITIME  Received on ice: Y / N  Tables Time  AVG Temp °C  AVG Temp °C  AVG Temp °C  AVG Temp °C  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	1206	12/16/24	S	1		SWIO	-0'-41		18						+								
bsimmons@ensolum.com, jgonzalez@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:Higinio Gonzalez_Anabethaticity 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.  Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.  Relinquished by: (Signature)	1519	12/16/24	S	1					19						X								
bsimmons@ensolum.com, jgonzalez@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:Higinio Gonzalez_Anabethaticity 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.  Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.  Relinquished by: (Signature)																							
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:Higinio GonzalezAAJemma + i_Ame =	Addition	nal Instructio	ns: Ple	ase CC: o	burton@e	ensolum.com	n, agiovengo@ensolum.com	, chamilto	on@en	solun	n.cor	m, iest	rella	@ens	olun	ı.con	n, bd	eal@	enso	lum	.com,		
Relinquished by: Signature)  Relinquished by: Signature)  Relinquished by: Signature)  Relinquished by: Signature)  Relinquished by: Signature)  Relinquished by: Signature)  Relinquished by: Signature)  Relinquished by: Signature)  Date  Time  Received by: Signature)  Date  Time  Received by: Signature)  Date  Time  Received by: Signature)  Date  Time  Received by: Signature)  Date  Time  Received by: Signature)  Date  Time  Received by: Signature)  Date  Time  Received by: Signature)  Date  Time  Received by: Signature)  Date  Time  Received by: Signature)  Date  Time  Received by: Signature)  Date  Time  Received by: Signature)  Date  Time  Received by: Signature)  Date  Time  Received by: Signature)  Date  Time  Received by: Signature)  Date  Time  Received by: Signature)  Date  Time  Received by: Signature)  Date  Time  Received by: Signature)  Date  Time  AVG Temp °C  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  AVG Temp °C  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  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  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  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  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  Samples requiring thermal preservation must be receiv																							
Relinquished by: (Signature)  Relinquished by: (Signature)  Relinquished by: (Signature)  Relinquished by: (Signature)  Relinquished by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  AVG Temp °C  AVG Temp °C  Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA  Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above							nat tampering with or intentionally mis	labeling the sa	ample loc	ation, d	ate or	time of	collecti	on is co	nsider	ed frau	d and	may be	ground	ds for	legal action.		
Relinquished by: (Signature)  Date  Time  17. 24 Time  Received by: (Signature)  Date  Time  17. 24 Time  17. 25 Time  Received by: (Signature)  Date  Time  17. 24 Time  17. 25 Time  Received by: (Signature)  Date  Time  17. 24 Time  17. 25 Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  AVG Temp °C  AVG Temp °C  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							Texas and a second			1-	200		-		le mai	V - 445-10		V amos V sa		24 247	LA LO GEOGRAPA	in the stands	. All and a sec
Relinquished by: (Signature)  Note: Samples are discarded 14 days after results are reported unless of the above  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  AVG Temp °C  Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA  Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above				12/	17/24	7:21	Wickelle Gorg	les 12	17.2	4 "		21			sampl	ed or re	ceived						200
Relinquished by: (Signature)  Date  Time  1.7.2.4  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  AVG Temp °C  AVG Temp °C  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	Polinquich	ad but Signatur	rol a				Received by: (Signature)	Date	2	Ti	me//	Wa						co:					
Received by: (Signature)  Date  Time  Received by: (Signature)  Received by: (Signature)  Date  Time  Received by: (Signature)  AVG Temp °C  AVG Temp °C  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						Time	Received by: (Signature)	A Date	9	Ti	me				Lec	eived	On	CC.	E	/ 14			
Relinquished by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  AVG Temp °C  AVG Temp °C  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	11	/ W		1	17711	7315		1	2-18-0	M	08	15			T1				T2			T3	
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	Relinguish	ed by: (Signatur	re)	Dat	e // 64	Time	Received by: (Signature)	2 A Bate	e	_												***	
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other	40.01	-1.1-0		0.31											AVO	Ten	np °C						
	Sample Ma	trix: <b>S</b> - Soil, <b>Sd</b> - S	olid, Sg - Slu	dge, A - Aqı	ueous, O - Oth	er		Cor	ntainer	Type:	g - gl	ass, p	poly	/plast					- VO	1	C		
																e clier	nt exp	ense.	The re	port	for the anal	ysis of the	above

Printed: 12/18/2024 10:54:16AM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Matador Resources, LLC.	Date Received:	12/18/24 0	8:15		Work Order ID:	E412137
Phone:	(972) 371-5200	Date Logged In:	12/17/24 1	6:42		Logged In By:	Noe Soto
Email:	agiovengo@ensolum.com	Due Date:	12/24/24 1	7:00 (4 day TAT)			
1. Does th 2. Does th 3. Were sa 4. Was the	Custody (COC)  e sample ID match the COC?  e number of samples per sampling site location management of the control of the con	sted analyses?	Yes Yes Yes Yes Yes	Carrier: <u>C</u>	<u>'ourier</u>	<u>Comment</u>	s/Resolution
Sample T	urn Around Time (TAT)			Γ			
	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C	<u>-</u>						
	ample cooler received?		Yes				
8. If yes, v	was cooler received in good condition?		Yes				
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes,	were custody/security seals intact?		NA				
	e sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples ar minutes of sampling	re received w/i 15	Yes				
	risible ice, record the temperature. Actual sample	temperature: 4°0	<u>~</u>				
Sample C			3.7				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?	0	NA 				
	on-VOC samples collected in the correct containers		Yes				
	appropriate volume/weight or number of sample contain	ners collected?	Yes				
Sa Da	tel field sample labels filled out with the minimum info tample ID? ate/Time Collected? collectors name?	ormation:	Yes Yes				
	reservation		No				
	the COC or field labels indicate the samples were p	reserved?	No				
	mple(s) correctly preserved?		NA				
	filteration required and/or requested for dissolved r	netals?	No				
Multinha	se Sample Matrix						
	the sample have more than one phase, i.e., multipha	ise?	No				
	does the COC specify which phase(s) is to be analy		NA				
		, 200.	11/1				
28. Are sa	act Laboratory  mples required to get sent to a subcontract laborate subcontract laboratory specified by the client and i	-	No NA	Subcontract Lab	· NA		
	• • •			Successifiant Lab	11 1		
Client In	<u>struction</u>						

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

Practical Solutions for a Better Tomorrow

## **Analytical Report**

Matador Resources, LLC.

Project Name: Weinberger Fed Com #135 Well

Pad

Work Order: E412149

Job Number: 23003-0002

Received: 12/19/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 12/23/24

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: 12/23/24

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

Project Name: Weinberger Fed Com #135 Well Pad

Workorder: E412149

Date Received: 12/19/2024 7:45:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/19/2024 7:45:00AM, under the Project Name: Weinberger Fed Com #135 Well Pad.

The analytical test results summarized in this report with the Project Name: Weinberger Fed Com #135 Well Pad apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

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

Cell: 505-320-4759

ljarboe@envirotech-inc.com

**Michelle Gonzales** 

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

## **Table of Contents**

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SW08 @ 0-4.5'	5
QC Summary Data	6
QC - Volatile Organic Compounds by EPA8260B	6
QC - Nonhalogenated Organics by EPA 8015D - GRO	7
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	8
QC - Anions by EPA 300.0/9056A	9
Definitions and Notes	10
Chain of Custody etc.	11

#### **Sample Summary**

Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	D (1
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/23/24 08:57

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
SW08 @ 0-4.5'	E412149-01A Soil	12/17/24	12/19/24	Glass Jar, 2 oz.



Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/23/2024 8:57:03AM

#### SW08 @ 0-4.5' E412149-01

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS		KS		Batch: 2451067
Benzene	ND	0.0250	1		12/19/24	12/19/24	
Ethylbenzene	ND	0.0250	1		12/19/24	12/19/24	
Toluene	ND	0.0250	1		12/19/24	12/19/24	
o-Xylene	ND	0.0250	1		12/19/24	12/19/24	
p,m-Xylene	ND	0.0500	1		12/19/24	12/19/24	
Total Xylenes	ND	0.0250	1		12/19/24	12/19/24	
Surrogate: Bromofluorobenzene		118 %	70-130		12/19/24	12/19/24	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130		12/19/24	12/19/24	
Surrogate: Toluene-d8		110 %	70-130		12/19/24	12/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: RI	KS		Batch: 2451067
Gasoline Range Organics (C6-C10)	ND	20.0	1		12/19/24	12/19/24	
Surrogate: Bromofluorobenzene		118 %	70-130		12/19/24	12/19/24	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130		12/19/24	12/19/24	
Surrogate: Toluene-d8		110 %	70-130		12/19/24	12/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: N	V		Batch: 2451073
Diesel Range Organics (C10-C28)	ND	25.0	1		12/19/24	12/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1		12/19/24	12/20/24	
Surrogate: n-Nonane		107 %	50-200		12/19/24	12/20/24	
1 I ID 1 200 0/00 FC 1	mg/kg	mg/kg	1	Analyst: D	Γ		Batch: 2451074
Anions by EPA 300.0/9056A	88	8 8					



Matador Resources, LLC.Project Name:Weinberger Fed Com #135 Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo12/23/20248:57:03AM

Dallas TX, 75240		Project Manage	r: As	shley Gioveng	go			12/	23/2024 8:57:03AN
	V	Volatile Organic Compounds by EPA 8260B					Analyst: RKS		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2451067-BLK1)						F	Prepared: 12	2/19/24 Ana	lyzed: 12/19/24
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	0.594		0.500		119	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.469		0.500		93.8	70-130			
Surrogate: Toluene-d8	0.568		0.500		114	70-130			
LCS (2451067-BS1)						F	Prepared: 12	2/19/24 Ana	lyzed: 12/19/24
Benzene	2.38	0.0250	2.50		95.2	70-130			
Ethylbenzene	2.51	0.0250	2.50		100	70-130			
Toluene	2.47	0.0250	2.50		98.9	70-130			
o-Xylene	2.62	0.0250	2.50		105	70-130			
p,m-Xylene	5.23	0.0500	5.00		104	70-130			
Total Xylenes	7.84	0.0250	7.50		105	70-130			
Surrogate: Bromofluorobenzene	0.600		0.500		120	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.466		0.500		93.1	70-130			
Surrogate: Toluene-d8	0.559		0.500		112	70-130			
LCS Dup (2451067-BSD1)						F	Prepared: 12	2/19/24 Ana	lyzed: 12/19/24
Benzene	2.25	0.0250	2.50		90.1	70-130	5.51	23	
Ethylbenzene	2.41	0.0250	2.50		96.3	70-130	4.31	27	
Toluene	2.35	0.0250	2.50		94.0	70-130	5.08	24	
o-Xylene	2.44	0.0250	2.50		97.7	70-130	6.82	27	
o,m-Xylene	4.89	0.0500	5.00		97.8	70-130	6.57	27	
Total Xylenes	7.34	0.0250	7.50		97.8	70-130	6.65	27	
Surrogate: Bromofluorobenzene	0.599		0.500		120	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.459		0.500		91.8	70-130			
-									

0.500

112

70-130

0.560



Surrogate: Toluene-d8

Matador Resources, LLC.Project Name:Weinberger Fed Com #135 Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo12/23/2024 8:57:03AM

Nonhalogenated	Organics by	v EPA	.8015D -	GRO

Analyst: RKS

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

Blank (2451067-BLK1)						Prepared: 12	2/19/24 A	nalyzed: 12/19/24
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: Bromofluorobenzene	0.594		0.500	119	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.469		0.500	93.8	70-130			
Surrogate: Toluene-d8	0.568		0.500	114	70-130			
LCS (2451067-BS2)						Prepared: 12	2/19/24 A	nalyzed: 12/19/24
Gasoline Range Organics (C6-C10)	60.8	20.0	50.0	122	70-130			
Surrogate: Bromofluorobenzene	0.609		0.500	122	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.461		0.500	92.1	70-130			
Surrogate: Toluene-d8	0.582		0.500	116	70-130			
LCS Dup (2451067-BSD2)						Prepared: 12	2/19/24 A	nalyzed: 12/19/24
Gasoline Range Organics (C6-C10)	60.9	20.0	50.0	122	70-130	0.241	20	
Surrogate: Bromofluorobenzene	0.625		0.500	125	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.462		0.500	92.4	70-130			
Surrogate: Toluene-d8	0.570		0.500	114	70-130			



Matador Resources, LLC.Project Name:Weinberger Fed Com #135 Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo12/23/20248:57:03AM

Danas 1A, 73240		1 Toject Manage	7.5	micy Gloveng	50			12/1	23/2021 0.37.0311
	Nonha	logenated Or	ganics by l	EPA 8015I	D - DRO	ORO/			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2451073-BLK1)							Prepared: 1	2/19/24 Anal	yzed: 12/19/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.1		50.0		110	50-200			
LCS (2451073-BS1)							Prepared: 1	2/19/24 Anal	yzed: 12/19/24
Diesel Range Organics (C10-C28)	292	25.0	250		117	38-132			
Surrogate: n-Nonane	54.0		50.0		108	50-200			
Matrix Spike (2451073-MS1)				Source:	E412146-0	01	Prepared: 1	2/19/24 Anal	yzed: 12/19/24
Diesel Range Organics (C10-C28)	520	25.0	250	314	82.2	38-132			
Surrogate: n-Nonane	55.1		50.0		110	50-200			
Matrix Spike Dup (2451073-MSD1)				Source:	E412146-0	)1	Prepared: 1	2/19/24 Anal	yzed: 12/19/24
Diesel Range Organics (C10-C28)	529	25.0	250	314	85.7	38-132	1.63	20	
Surrogate: n-Nonane	55.8		50.0		112	50-200			



Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500	Project Name: Project Number:	Weinberger Fed Com #135 Well Pad 23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/23/2024 8:57:03AM

A :	1	EDA	200	0/00564	
Anions	nv	EPA	.3UU.	.0/9056A	

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2451074-BLK1)							Prepared: 1	2/19/24 Anal	yzed: 12/19/24
Chloride	ND	20.0							
LCS (2451074-BS1)							Prepared: 1	2/19/24 Anal	yzed: 12/19/24
Chloride	257	20.0	250		103	90-110			
LCS Dup (2451074-BSD1)							Prepared: 1	2/19/24 Anal	yzed: 12/19/24
Chloride	257	20.0	250		103	90-110	0.0397	20	

#### QC Summary Report Comment:

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



### **Definitions and Notes**

Matador Resources, LLC.	Project Name:	Weinberger Fed Com #135 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	12/23/24 08:57

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Page	of_

Client Information				Invoice Information		Lab Use Only							TAT			State						
Client: M	ATADOR PRO	DUCTIO	N COMPA	NY	<u>c</u>	ompany: Ensolum LLC		1	Lab WO# Job Number									3D Std	NM CO UT TX			
Project: Weinberger Fed Com 135 Well Pad			A	ddress: 3122 National Parks H	lwy		E412149 23003-					-000	-0002 X				X					
Project N	Manager: Asl	ley Giov	engo		<u>c</u>	ty, State, Zip: Carlsbad NM, 8	8220															
Address: 3122 National Parks Hwy			<u>Pl</u>	none: 575-988-0055			Ana						alysis and Method				EPA Program					
	e, Zip: Carlsl		88220		E	mail: agiovengo@ensolum.c	om													SDWA	CWA	RCRA
	575-988-0055				M	scellaneous:		110														
Email: a	giovengo@ei	nsolum.co	om							315	115									Compliand	e Y	or N
-	4		-	Sam	ole Informat	ion		-		DRO/ORO by 8015	GRO/DRO by 8015	021	760	Chloride 300.0	Σ×	XI.	etals			PWSID#		
Time			No. of	Juin	oic intornio		b ;	Lal	)	/ORC	/DRC	by 8	by 8.	ide	)C-1	1005	8 N				Remarks	
Sampled	Date Sampled	Matrix	Containers			Sample ID	Fiel	Lal Num	ber	DRO/	GRO/	BTEX by 8021	VOC by 8260	Chlor	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				nemana	
0947	12-17-24	5	t	51	108	@ 0-4.5'		1							X							
																		-				
											-							+				
																			-			
						i, agiovengo@ensolum.com, o	chamilto	n@en	solu	ım.co	om, i	estre	ella@	ens	olum	.com	ı, bde	eal@e	ensolum	.com,		
	ns@ensolum					The state of the s	e outoe	Ca doses	.4	4.7				C & J 100		10						
Sampled by			authenticity	of this samp	e. I am aware tr	at tampering with or intentionally mislab	eling the sa	mple loc	ation,	, date d	or time	e of co	llection	is cor	isidere	d frau	d and n	nay be g	grounds for	legal action.		
	ed by: (Signatur		Date		Time	Received by: (Signature)	Date			Time					Sample	es requi	ring the	rmal pres	servation mu	st be received	on ice the da	v they are
- Landard				18-24	0800	Michelle Gonza	Pec 1)	182	4	1	80	Q			sample	d or re	ceived p			temp above 0		
Relinquish	ed by (Signatur	e)	Date	18-24	Time	Received by: (Signature)  Received by: (Signature)  Received by: (Signature)	Date 12			Time	00					went da	on io	۰.	Lab Us	e Only		
Relinquish	ed by: (Signatur	e) 0	Date		Time 2145	Received by: (Signature)	Date	-19-	1	Time	74										тэ	
Relinquish	edoy: (Signatur	e)	Date	1021	Time	Received by: (Signature)	Date			Time							np °C_				13	
Sample Mat	rix: S - Soil, Sd - So	olid, Sg - Slud	lge, A - Aque	ous, O - Othe	r		Con	tainer	Type	: g - 1	glass.	p - r	oly/r	olasti	c, ag	- amb	er gla	iss, v -	VOA			
						er arrangements are made. Hazardou					-						-			or the anal	ysis of the	above
samples is	applicable only	to those sa	amples rece	eived by the	laboratory wit	h this COC. The liability of the labora	tory is lim	ited to t	he a	moun	t paid	for o	n the	repor	t.							

(3

enviroteche enviroteche

envirotech Inc.

Printed: 12/19/2024 12:20:52PM

### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Matador Resources, LLC.	Date Received:	12/19/24	07:45		Work Order ID:	E412149
Phone:	(972) 371-5200	Date Logged In:	12/18/24	16:43		Logged In By:	Noe Soto
Email:	agiovengo@ensolum.com	Due Date:	12/30/24	17:00 (4 day TAT)			
Chain o	f Custody (COC)						
1. Does	the sample ID match the COC?		Yes				
2. Does	the number of samples per sampling site location ma	tch the COC	Yes				
3. Were	samples dropped off by client or carrier?		Yes	Carrier: Co	ourier		
4. Was tl	ne COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes				
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted i i.e, 15 minute hold time, are not included in this disucssi	•	Yes			<u>Comment</u>	s/Resolution
Sample	Turn Around Time (TAT)						
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample	<u>Cooler</u>						
7. Was a	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was tl	ne sample(s) received intact, i.e., not broken?		Yes				
	custody/security seals present?		No				
	s, were custody/security seals intact?		NA				
12. Was t	he sample received on ice? If yes, the recorded temp is 4°C  Note: Thermal preservation is not required, if samples ar  minutes of sampling  visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
	Container						
	aqueous VOC samples present?		No				
	VOC samples collected in VOA Vials?		NA				
	e head space less than 6-8 mm (pea sized or less)?		NA				
	a trip blank (TB) included for VOC analyses?		NA				
	non-VOC samples collected in the correct containers	?	Yes				
	appropriate volume/weight or number of sample contai		Yes				
Field La	· · ·						
	e field sample labels filled out with the minimum info	ormation:					
	Sample ID?		Yes				
	Date/Time Collected?		Yes	L			
	Collectors name?		No				
	Preservation						
	the COC or field labels indicate the samples were p	reserved?	No				
	sample(s) correctly preserved?	. 1.0	NA				
	o filteration required and/or requested for dissolved r	netals?	No				
	ase Sample Matrix						
	the sample have more than one phase, i.e., multipha		No				
27. If ye	s, does the COC specify which phase(s) is to be analy	yzed?	NA				
Subcont	ract Laboratory						
	samples required to get sent to a subcontract laborate a subcontract laboratory specified by the client and i	-	No NA	Subcontract Lab:	: NA		
	<u>instruction</u>						
Chent	<u>listi uction</u>						

Date

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



### **APPENDIX E**

NMOCD Correspondence

Phone: (505) 629-6116

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

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

QUESTIONS

Action 409477

### **QUESTIONS**

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	409477
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites				
Incident ID (n#)	nAPP2430259679			
Incident Name	NAPP2430259679 WEINBERGER FEDERAL COM #135 WELL PAD @ 0			
Incident Type	Release Other			
Incident Status	Initial C-141 Approved			

Location of Release Source			
Site Name	Weinberger Federal Com #135 Well Pad		
Date Release Discovered	10/28/2024		
Surface Owner	Private		

Sampling Event General Information						
Please answer all the questions in this group.						
What is the sampling surface area in square feet	9,804					
What is the estimated number of samples that will be gathered	50					
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/10/2024					
Time sampling will commence	09:00 AM					
Please provide any information necessary for observers to contact samplers	Jimmy Gonzales (575) 909-3249					
Please provide any information necessary for navigation to sampling site	32.7665, -103.76103					

General Information Phone: (505) 629-6116

Online Phone Directory <a href="https://www.emnrd.nm.gov/ocd/contact-us">https://www.emnrd.nm.gov/ocd/contact-us</a>

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

CONDITIONS

Action 409477

### **CONDITIONS**

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	409477
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created By		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.	12/6/2024

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 409481

### **QUESTIONS**

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	409481
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites				
Incident ID (n#)	nAPP2430259679			
Incident Name	NAPP2430259679 WEINBERGER FEDERAL COM #135 WELL PAD @ 0			
Incident Type	Release Other			
Incident Status	Initial C-141 Approved			

cation of Release Source	
Site Name	Weinberger Federal Com #135 Well Pad
Date Release Discovered	10/28/2024
Surface Owner	Private

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	9,804	
What is the estimated number of samples that will be gathered	50	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/11/2024	
Time sampling will commence	09:00 AM	
Please provide any information necessary for observers to contact samplers	Jimmy Gonzales (575) 909-3249	
Please provide any information necessary for navigation to sampling site	32.7665, -103.76103	

General Information Phone: (505) 629-6116

Online Phone Directory <a href="https://www.emnrd.nm.gov/ocd/contact-us">https://www.emnrd.nm.gov/ocd/contact-us</a>

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

CONDITIONS

Action 409481

### **CONDITIONS**

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	409481
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created By		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.	12/6/2024

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 409483

### **QUESTIONS**

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	409483
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2430259679
Incident Name	NAPP2430259679 WEINBERGER FEDERAL COM #135 WELL PAD @ 0
Incident Type	Release Other
Incident Status	Initial C-141 Approved

cation of Release Source	
Site Name	Weinberger Federal Com #135 Well Pad
Date Release Discovered	10/28/2024
Surface Owner	Private

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	9,804	
What is the estimated number of samples that will be gathered	50	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/12/2024	
Time sampling will commence	09:00 AM	
Please provide any information necessary for observers to contact samplers	Jimmy Gonzales (575) 909-3249	
Please provide any information necessary for navigation to sampling site	32.7665, -103.76103	

General Information Phone: (505) 629-6116

Online Phone Directory <a href="https://www.emnrd.nm.gov/ocd/contact-us">https://www.emnrd.nm.gov/ocd/contact-us</a>

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

CONDITIONS

Action 409483

### **CONDITIONS**

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	409483
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created By		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.	12/6/2024

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 409485

### **QUESTIONS**

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	409485
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2430259679
Incident Name	NAPP2430259679 WEINBERGER FEDERAL COM #135 WELL PAD @ 0
Incident Type	Release Other
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	Weinberger Federal Com #135 Well Pad
Date Release Discovered	10/28/2024
Surface Owner	Private

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	9,804	
What is the estimated number of samples that will be gathered	50	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/13/2024	
Time sampling will commence	09:00 AM	
Please provide any information necessary for observers to contact samplers	Jimmy Gonzales (575) 909-3249	
Please provide any information necessary for navigation to sampling site	32.7665, -103.76103	

General Information Phone: (505) 629-6116

Online Phone Directory <a href="https://www.emnrd.nm.gov/ocd/contact-us">https://www.emnrd.nm.gov/ocd/contact-us</a>

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

CONDITIONS

Action 409485

### **CONDITIONS**

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	409485
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created By		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.	12/6/2024

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 409486

### **QUESTIONS**

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	409486
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2430259679
Incident Name	NAPP2430259679 WEINBERGER FEDERAL COM #135 WELL PAD @ 0
Incident Type	Release Other
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	Weinberger Federal Com #135 Well Pad
Date Release Discovered	10/28/2024
Surface Owner	Private

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	9,804	
What is the estimated number of samples that will be gathered	50	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/16/2024	
Time sampling will commence	09:00 AM	
Please provide any information necessary for observers to contact samplers	Jimmy Gonzales (575) 909-3249	
Please provide any information necessary for navigation to sampling site	32.7665, -103.76103	

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Action 409486

### **CONDITIONS**

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	409486
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created By		Condition Date
j_touche	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.	

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 411331

### **QUESTIONS**

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	411331
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2430259679
Incident Name	NAPP2430259679 WEINBERGER FEDERAL COM #135 WELL PAD @ 0
Incident Type	Release Other
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name Weinberger Federal Com #135 Well Pad	
Date Release Discovered	10/28/2024
Surface Owner	Private

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	9,804
What is the estimated number of samples that will be gathered	50
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/17/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jimmy Gonzales (575) 909-3249
Please provide any information necessary for navigation to sampling site	32.18884,-103.31024

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Action 411331

### **CONDITIONS**

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	411331
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

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.	12/12/2024

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 416425

### **QUESTIONS**

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	416425
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

Prerequisites	
Incident ID (n#)	nAPP2430259679
Incident Name	NAPP2430259679 WEINBERGER FEDERAL COM #135 WELL PAD @ 30-025-53267
Incident Type	Release Other
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-53267] WEINBERGER FEDERAL COM #135H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	WEINBERGER FEDERAL COM #135 WELL PAD
Date Release Discovered	10/28/2024
Surface Owner	Private

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Human Error   Other (Specify)   Crude Oil   Released: 34 BBL   Recovered: 20 BBL   Lost: 14 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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

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

QUESTIONS, Page 2

Action 416425

QUESTI	IONS (continued)
Operator: MATADOR PRODUCTION COMPANY	OGRID: 228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	416425 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	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the C-129 form.
Initial Response	
The responsible party must undertake the following actions immediately unless they could create a s	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.
	iation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of evaluation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releate the OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are require ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface it does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Jason Touchet Title: EHS Field Rep Email: jason.touchet@matadorresources.com Date: 01/02/2025

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

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

QUESTIONS, Page 3

Action 416425

**QUESTIONS** (continued)

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	416425
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Site Characterization		
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)	
What method was used to determine the depth to ground water	NM OSE iWaters Database Search	
Did this release impact groundwater or surface water	No	
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:		
A continuously flowing watercourse or any other significant watercourse	Between 500 and 1000 (ft.)	
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	Greater than 5 (mi.)	
Any other fresh water well or spring	Between 1 and 5 (mi.)	
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)	
A wetland	Between 1000 (ft.) and ½ (mi.)	
A subsurface mine	Greater than 5 (mi.)	
An (non-karst) unstable area	Between 1000 (ft.) and ½ (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	Yes	

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to	the appropriate district office no later than 90 days after the release discovery date.
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination	n associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in m	illigrams per kilograms.)
Chloride (EPA 300.0 or SM4500 Cl B)	1210
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	16726
GRO+DRO (EPA SW-846 Method 8015M)	16300
BTEX (EPA SW-846 Method 8021B or 8260B)	12.1
Benzene (EPA SW-846 Method 8021B or 8260B)	3
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes complete which includes the anticipated timelines for beginning and completing the remediation.	d efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
On what estimated date will the remediation commence	12/10/2024
On what date will (or did) the final sampling or liner inspection occur	12/17/2024
On what date will (or was) the remediation complete(d)	12/17/2024
What is the estimated surface area (in square feet) that will be reclaimed	9877
What is the estimated volume (in cubic yards) that will be reclaimed	1640
What is the estimated surface area (in square feet) that will be remediated	9877
What is the estimated volume (in cubic yards) that will be remediated	1640
These estimated dates and measurements are recognized to be the best guess or calculation at the	ne time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to

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

General Information Phone: (505) 629-6116

Online Phone Directory <a href="https://www.emnrd.nm.gov/ocd/contact-us">https://www.emnrd.nm.gov/ocd/contact-us</a>

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

QUESTIONS, Page 4

Action 416425

**QUESTIONS** (continued)

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	416425
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

#### QUESTIONS

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

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

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

I hereby agree and sign off to the above statement

Name: Jason Touchet Title: EHS Field Rep

Email: jason.touchet@matadorresources.com

Date: 01/02/2025

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

General Information Phone: (505) 629-6116

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

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

QUESTIONS, Page 5

Action 416425

**QUESTIONS** (continued)

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	416425
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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

Phone: (505) 629-6116
Online Phone Directory
<a href="https://www.emnrd.nm.gov/ocd/contact-us">https://www.emnrd.nm.gov/ocd/contact-us</a>

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

QUESTIONS, Page 6

Action 416425

**QUESTIONS** (continued)

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	416425
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

#### QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	411331
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/17/2024
What was the (estimated) number of samples that were to be gathered	50
What was the sampling surface area in square feet	9804

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	9877	
What was the total volume (cubic yards) remediated	1640	
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	9877	
What was the total volume (in cubic yards) reclaimed	1640	
Summarize any additional remediation activities not included by answers (above)	N/A	

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 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

I hereby agree and sign off to the above statement

Title: EHS Field Rep
Email: jason.touchet@matadorresources.com
Date: 01/02/2025

General Information Phone: (505) 629-6116

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

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

QUESTIONS, Page 7

Action 416425

**QUESTIONS** (continued)

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	416425
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

Phone: (505) 629-6116

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

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

CONDITIONS

Action 416425

### **CONDITIONS**

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	416425
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

Create By	d Condition	Condition Date
nvele	z None	3/28/2025