

August 29, 2025

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

Re: Deferral Request

Dagger State TB

Incident Number nAPP2515348746

Lea County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of Matador Production Company (Matador), has prepared this *Deferral Request* (DR) to document assessment and soil sampling activities performed at the Dagger State TB (Site) in Unit L, Section 30, Township 21 South, Range 33 East, in Lea County, New Mexico (Figure 1). The purpose of the Site assessment and soil sampling activities was to assess for the presence or absence of impacts to soil following an equipment failure at the Site. Based on field observations following excavation, field screening activities, and soil sample laboratory analytical results, Matador is submitting this *DR*, describing Site assessment and excavation activities that have occurred and requesting deferral of final remediation for Incident Number nAPP2515348746 until the Site is reconstructed and/or the booster pad is abandoned.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Lea County, New Mexico (32.44983°, -103.61657°) and is associated with oil and gas exploration and production operations on State Trust Land (STL) managed by the New Mexico State Land Office (NMSLO).

On June 02, 2025, the fire tube on a heater treater developed a crack resulting in the release of crude oil inside the lined secondary containment and onto the pad surface. The crack in the fire tube resulted in the release of approximately 180 barrels (bbls) of crude oil; 164 bbls of crude oil were recovered via vacuum truck. Matador reported the release to the New Mexico Oil Conservation Division (NMOCD) on a Release Notification Form C-141 (Form C-141) on June 02, 2025. The release was assigned Incident Number NAPP2515348746. A 48-hour advance notice of a liner inspection was provided via email to the NMOCD office on July 11, 2025. A liner integrity inspection was conducted by Ensolum personnel on July 15, 2025, and the liner was determined to be insufficient to contain the release in question. The Form C-141 can be referenced within the NMOCD Incident Portal.

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 page 3 of the Form C-141, Site Assessment/Characterization. Potential Site receptors are identified on Figure 1.

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



According to the New Mexico Office of the State Engineer (NMOSE), the closest permitted groundwater well with depth to groundwater data is CP 1882 POD1, located approximately 3,538 feet northeast of the release area. CP 1882 POD1 had a depth to groundwater greater than 105 feet bgs and a total depth of 106 feet bgs. Three additional monitoring wells (CP 1878, CP 1883, and CP 1888) were included in the regional depth to water determine as it relates to reasonably assessing depth to groundwater beneath the Site. The wells had reported depths to groundwater greater than 105 feet below ground surface (bgs) and total depths of 105 feet bgs. There are no regional or Site-specific hydrogeological conditions, such as shallow surface water, karst features, wetlands, or vegetation to suggest the Site is conducive to shallow groundwater. All wells used for depth to groundwater determination are presented on Figure 1. The referenced well records are included in Appendix A.

A regional depth to groundwater variance request was submitted to the NMOCD on July 22, 2025, due to the close proximity of four monitoring wells with available depth to groundwater data within 1.20 miles of the Site. The regional depth to groundwater variance request was approved via email on July 23, 2025 (see Appendix E).

The closest continuously flowing or significant watercourse to the Site is an intermittent dry wash, located approximately 1.41 miles west of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area). Site receptors are identified on Figure 1.

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

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

CULTURAL AND BIOLOGICAL REVIEW

The release remained on pad and as such, an assessment of cultural properties had already been completed prior to the construction of the well pad. As such, the Cultural Properties Protection Rule (CPP) has been followed. No additional cultural resource surveys were completed in connection with this release.

The Site is located within the historical range of the Lesser Prairie Chicken (LPC), within an isolated population area, and is located within an NMSLO Candidate Conservation Agreement with Assurances (CCAA) area. The Site is not located within the range of the Dunes Sagebrush Lizard. No suitable habitat for the Dunes Sagebrush Lizard was identified at the Site. A review of the U.S. Fish and Wildlife Services Information for Planning and Consultation (IPaC) resources indicated there are no critical wildlife habitats at the Site. Threatened or endangered bird species (LPC or others) are potentially present in the area near the Site but have not been observed during field activities. No native vegetation/habitat outside of the well pad extent was disturbed during excavation activities. The Site area is greater than 1,000 feet to surface water, wetlands, or other sensitive receptors.



SITE ASSESSMENT ACTIVITIES

Between June 18 and June 19, 2025, Site assessment activities were conducted to evaluate the release extent based on information provided on the Form C-141 and visual observations. Ensolum personnel mapped the release extent and collected 15 lateral delineation soil samples (SS01 through SS15) and six vertical delineation soil samples (BH01 through BH06) from around and within the release extent at depths ranging from ground surface to 8 feet bgs. Soil from the lateral delineation samples (SS01 through SS15,) were field screened for TPH utilizing a calibrated PetroFLAG® soil analyzer system and chloride using Hach® chloride QuanTab® test strips. Soil from the vertical delineation soil samples (BH01 through BH06) were field screened for volatile organic compounds (VOCs) utilizing a calibrated Photoionization Detector (PID) and chloride using Hach® chloride QuanTab® test strips.

On July 15, 2025, Ensolum personnel returned to the Site and completed a liner integrity inspection, and four holes were identified in the lined secondary containment.

Ensolum personnel returned to the Site on July 22 and July 23, 2025, to advance three boreholes (BH07 through BH09) via hand auger at depths ranging from ground surface to 2 feet bgs inside the lined secondary containment and Ensolum personnel collected three additional lateral delineation soil samples (SS16 through SS18) at ground surface and 1-foot bgs around the west, south and east sides of the lined secondary containment. Due to the close proximity of the southern two holes, roughly 3 feet from each other, one borehole (BH09) was used to delineate the two holes at equidistance from each hole. Soil from lateral and vertical delineation samples (SS16 through SS18) and (BH07 through BH09) related to the deficient liner were field screened for TPH and chloride.

Ensolum personnel returned to the Site on July 28 and August 28, 2025, to collect additional lateral delineation soil samples SS01A through SS03A, SS05A, SS07A through SS09A, SS09B, and SS11A at ground surface to further evaluate the lateral extent of the release. Additional lateral delineation soil samples were field screened for TPH and chloride using the same method as previously described. Delineation soil sample locations are depicted on Figure 2. Lithologic Sample Logs are included in Appendix B. Photographs were taken during the liner integrity inspection and during soil sampling activities and a photographic log is included in Appendix C.

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

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for lateral delineation soil samples SS01 through SS08, SS10 through SS18, SS02A, SS03A, SS09A, SS09B, and SS11A, collected around the release extent, were compliant with the Site Closure Criteria and with the strictest Closure Criteria per NMOCD Table I. Laboratory analytical results for lateral delineation soil samples SS01A, SS05A, SS07A, SS08A and SS09, collected around the release extent, were compliant with the Site Closure Criteria per NMOCD Table I. Laboratory analytical results from delineation boreholes BH01 through BH06, collected from the on-pad release extent, and delineation borehole BH08 from under the secondary lined containment exceeded the Site Closure Criteria at ground surface. Borehole BH08 was in compliance with the Site Closure Criteria and



the strictest Closure Criteria at 1-foot bgs. Boreholes BH07 and BH09 indicated all COC's were in compliance with the strictest Closure Criteria at ground surface.

Laboratory analytical results from delineation boreholes BH02 and BH06 were in compliance with the Site Closure Criteria at a depth of 1-foot bgs and in compliance with the strictest Closure Criteria at 2 feet bgs. Borehole BH05 was compliant with the Site Closure Criteria at 0.5 feet bgs and in compliance with the strictest Closure Criteria at 5 feet bgs. Delineation borehole BH04 was compliant with the Site Closure Criteria at 4 feet bgs and with the strictest Closure Criteria at 6 feet bgs. Boreholes BH01 and BH03 were in compliance with the Site Closure Criteria and with the strictest Closure Criteria at 0.5 feet bgs. Laboratory analytical results are summarized in Table 1, and the complete laboratory analytical report is included as Appendix D.

EXCAVATION AND CONFIRMATION SOIL SAMPLING ACTIVITIES

Based on laboratory analytical results from vertical delineation, impacted soil was confirmed within the release extent, which required remedial action. Beginning on July 28 through August 01, 2025, Ensolum personnel were on Site to complete excavation of the accessible impacted soil within the release area. Impacted and waste-containing soil was excavated via hydro-vac, backhoe, front-end loader, hand tools, and belly dump trucks from the release extent outside of containment as indicated by visible staining and delineation soil sampling results. Excavation activities occurred on the north and west sides of the caliche pad and around associated production equipment. To direct excavation activities, Ensolum personnel screened soil for TPH and chloride.

Impacted soil was removed outside of the lined containment and based on field screening results and observations, impacted soil in accessible areas was completed. Impacted soil beneath the liner as indicated by borehole BH08 was inaccessible due to the presence of equipment and flowlines. Excavation to address impacted soil was completed to the maximum extent practicable (MEP). Tears in the liner have been repaired, limited exposure of potential future releases to the subsurface and potential vertical migration of residual petroleum hydrocarbons through the introduction of precipitation. The repairs also prevent human or wildlife exposure to COCs.

A confirmation sampling variance request was submitted to the NMOCD on July 17, 2025, to increase the frequency of confirmation sampling areas to every 400 square feet from the floor of the excavation and every 200 square feet from the sidewalls of the excavation, where applicable. The confirmation sampling variance request was approved via email on July 18, 2025 (see Appendix D). Following removal of impacted soil, Ensolum personnel collected 5-point composite soil samples representing at least 400 square feet from the floor of the excavation. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a resealable plastic bag and homogenizing the samples by thoroughly mixing. Composite soil samples (FS01 through FS50) were collected from the floor of the excavation at depths ranging from 0.5 feet to 3 feet bgs. Seven confirmation sidewall soil samples (SW01 through SW07) were collected from the sidewalls of the excavation extending deeper than 0.5 feet bgs. Excavation areas in which confirmation floor samples were collected at a depth of 0.5 feet bgs incorporated the sidewalls as part of the composite sample. 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 19,887 square feet. A total of approximately 738 cubic yards of impacted soil was removed during the excavation activities. The impacted soil was transported and properly disposed of at the Northern Delaware Basin Landfill.



LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for excavation floor samples FS02 through FS05, FS07, FS09, FS11 through FS13, FS15 through FS22, FS24 through FS29, FS31 through FS44, and FS46 through FS50, collected from the floor of the release extent, were compliant with the Site Closure Criteria and with the strictest Closure Criteria per NMOCD Table I at depths ranging from 0.5 feet to 3 feet bgs. Laboratory analytical results for excavation floor samples FS01, FS06, FS08, FS10, FS14, FS23, FS30, and FS45, collected from the floor of the release extent, were compliant with the Site Closure Criteria per NMOCD Table I at depths ranging from 0.5 feet bgs to 1-foot bgs. Laboratory analytical results from confirmation sidewall soil samples SW01 through SW07, collected from ground surface to 3 feet bgs, were all in compliance with the Site Closure Criteria and with the strictest Closure Criteria. Laboratory analytical results are summarized in Tables 2 and 3 and the complete laboratory analytical report is included as Appendix D.

DEFERRAL REQUEST

Matador is requesting deferral of final remediation due to the presence of active production equipment, process piping, the supports beneath them, preventing full excavation of impacted soil. The estimated area of remaining impacted soil measures approximately 895 square feet, and assuming a depth of up to 1-foot bgs under the lined containment based on the analytical results from surrounding confirmation samples and delineation borehole BH08, a total of approximately 33 cubic yards of impacted soil remains in place. The deferral area and delineation soil samples are depicted on Figure 4.

Impacted soil is limited to the area beneath active production equipment, where remediation would require a major facility deconstruction. The release extent has been laterally delineated by delineation soil samples SS01 through SS18, SS01A through SS03A, SS05A, SS07A through SS09A, and SS11A at ground surface and 1-foot bgs, sidewall soil samples SW01 through SW07 from ground surface to 3 feet bgs and vertically delineated by borehole samples BH01 through BH09 at depths ranging from 0.5 feet bgs to 8 feet bgs.

Matador does not believe deferment will result in imminent risk to human health, the environment, or groundwater. Regional depth to groundwater is estimated to be greater than 100 feet bgs, and all accessible impacted soil was removed to the MEP during excavation activities. Impacted soil is limited beneath the repaired liner, which is protective of human health, the environment, and groundwater. Based on the presence of active production equipment within the release area (lined containment only) and the complete lateral and vertical delineation of impacted soil remaining in place, Matador requests deferral of final remediation for Incident Number nAPP2515348746 until final reclamation of the well pad or major construction, whichever comes first.

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

Sincerely, **Ensolum**, **LLC**

Chad Hamilton
Project Geologist

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



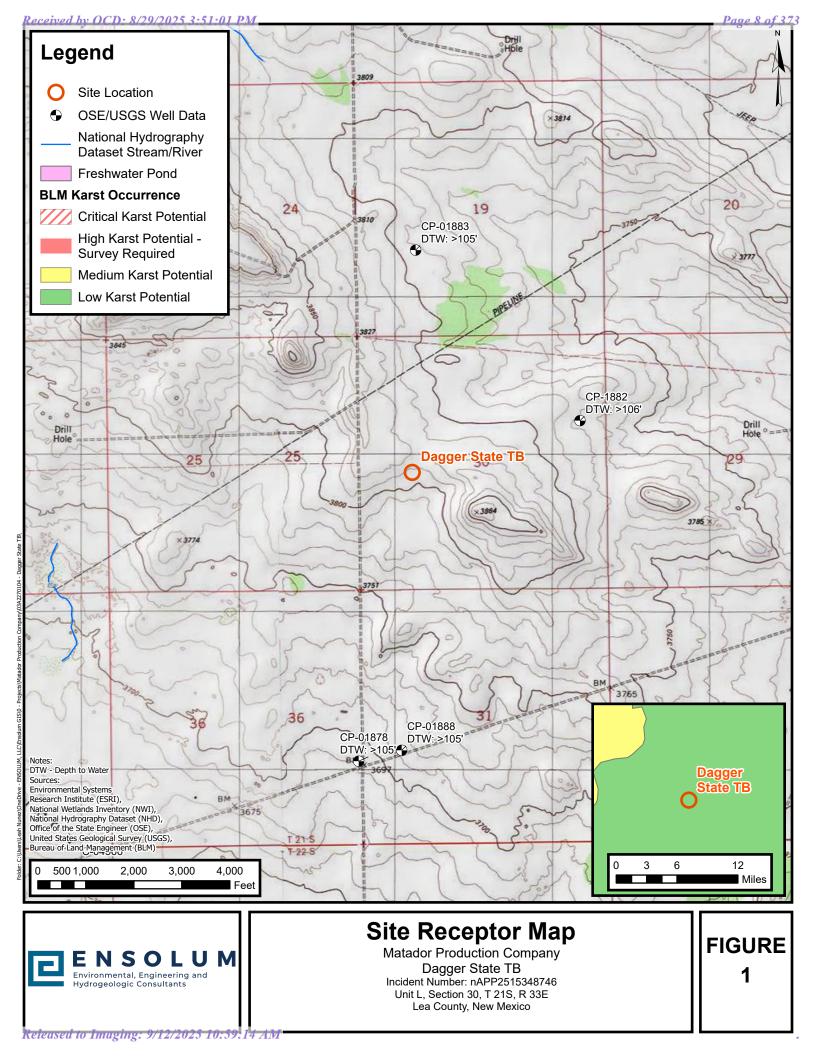
cc: Jason Touchet, Matador NMSLO

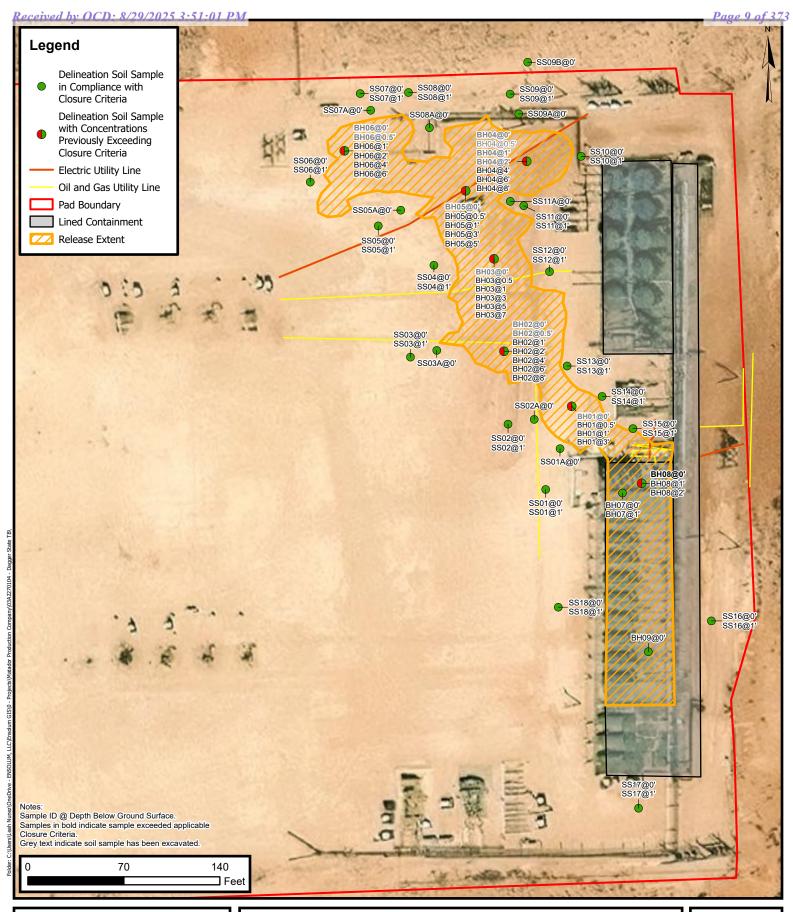
Appendices:

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



FIGURES



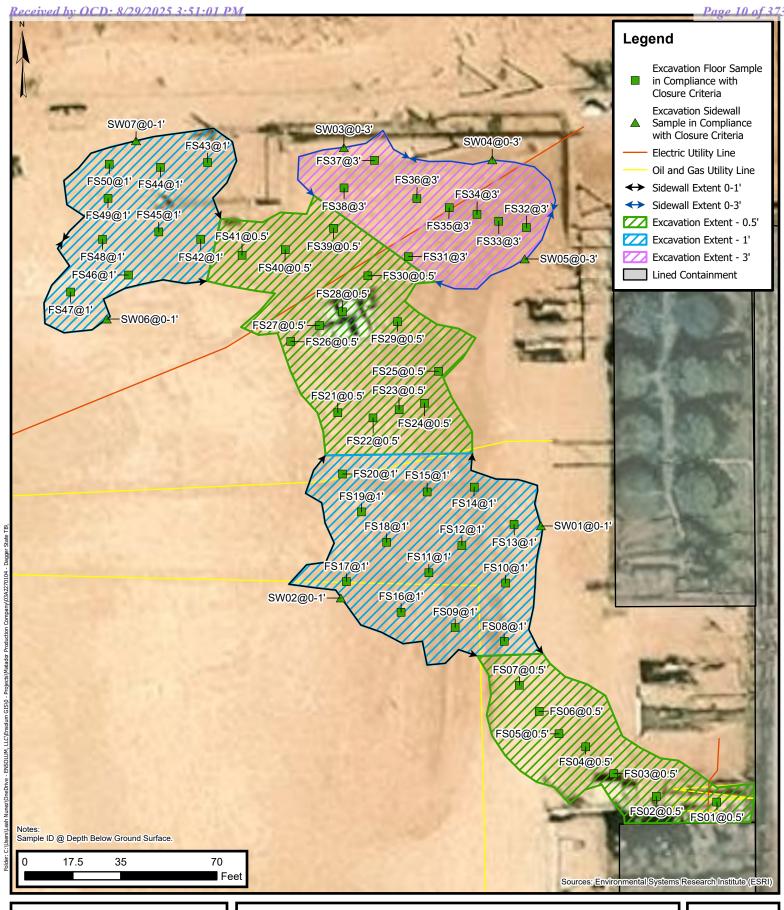




Delineation Soil Sample Locations

Matador Production Company
Dagger State TB
Incident Number: nAPP2515348746
Unit L, Section 30, T 21S, R 33E
Lea County, New Mexico

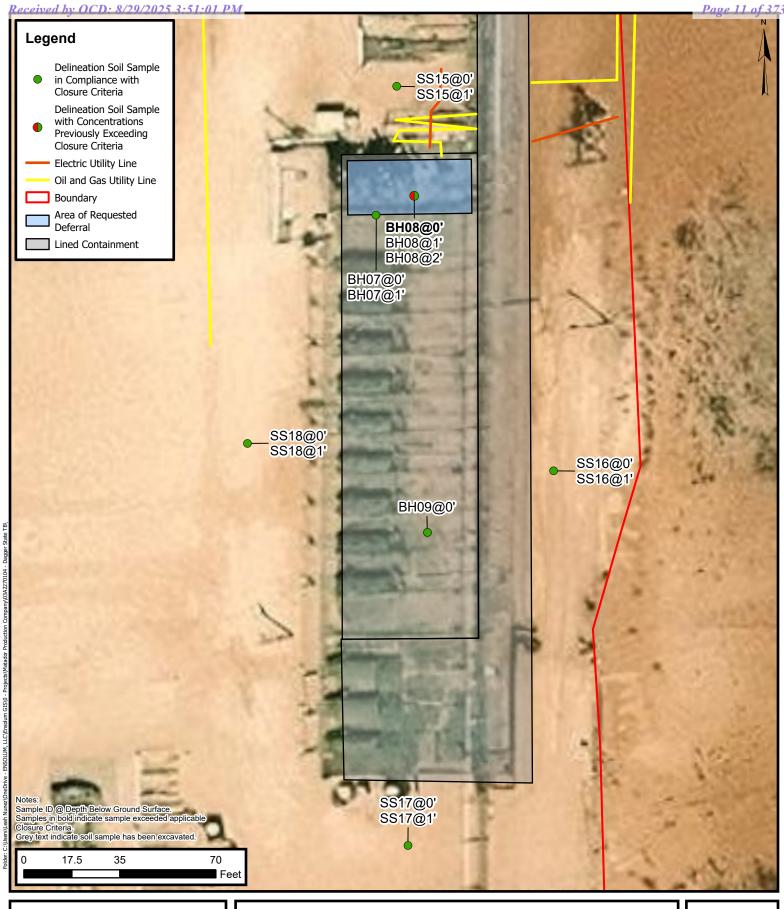
FIGURE 2





Excavation Soil Sample Locations

Matador Production Company Dagger State TB Incident Number: nAPP2515348746 Unit L, Section 30, T 21S, R 33E Lea County, New Mexico FIGURE 3





Area of Requested Deferral

Matador Production Company Dagger State TB Incident Number: nAPP2515348746 Unit L, Section 30, T 21S, R 33E Lea County, New Mexico FIGURE 4



TABLES



TABLE 1 **SOIL SAMPLE ANALYTICAL RESULTS**

	Dagger State TB Matador Production Company Lea County, New Mexico Somple Donth Region Total PREX TRU CRO TRU DRO GROUPE TOTAL TRU CRO														
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	1,000	2,500	20,000					
				Delin	eation Soil Sar	nples									
SS01	6/18/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	149					
SS01	6/18/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0					
SS01A	7/28/2025	0	<0.0250	<0.0500	<20.0	42.4	73.6	42.4	116	325					
SS02	6/18/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	57.2					
SS02	6/18/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	84.4					
SS02A	7/28/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	527					
SS03	6/18/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0					
SS03	6/18/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0					
SS03A	7/28/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	130					
SS04	6/18/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	24.8					
SS04	6/18/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0					
SS05	6/18/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0					
SS05	6/18/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0					
SS05A	7/28/2025	0	<0.0250	<0.0500	<20.0	101	63.7	101	165	<20.0					
SS06	6/18/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0					
SS06	6/18/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	31.4					
SS07	6/18/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	69.9					
SS07	6/18/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	490					
SS07A	7/28/2025	0	<0.0250	<0.0500	<20.0	51.3	51.6	51.3	103	<20.0					
SS08	6/19/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	52.8					
SS08	6/19/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	126					
SS08A	7/28/2025	0	<0.0250	<0.0500	<20.0	148	159.0	148	307	<20.0					
SS09	6/19/2025	0	<0.0250	<0.0500	<20.0	296	477	296	773	32.6					
SS09	6/19/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	257					
SS09A	7/28/2025	0	<0.0250	<0.0500	<20.0	27.0	<50.0	27.0	27.0	<20.0					
SS09B	8/28/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	188					
SS10	6/19/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0					
SS10	6/19/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0					
SS11	6/19/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0					
SS11	6/19/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0					
SS11A	7/28/2025	0	<0.0250	<0.0500	<20.0	37.1	<50.0	37.1	37.1	<20.0					
SS12	6/19/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	59.1					
SS12	6/19/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	85.7					





TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS Dagger State TB

	Dagger State TB Matador Production Company Lea County, New Mexico Sample Depth Benzene Total BTEX TPH GRO TPH DRO GRO+DRO Total TPH Chloride													
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	1,000	2,500	20,000				
				Delin	eation Soil San	nples	<u> </u>							
SS13	6/19/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	273				
SS13	6/19/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	49.8				
SS14	6/19/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0				
SS14	6/19/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	274				
SS15	6/19/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	39.0				
SS15	6/19/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	120				
SS16	7/23/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0				
SS16	7/23/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0				
SS17	7/23/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	283				
SS17	7/23/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	27.3				
SS18	7/23/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	45.6				
SS18	7/23/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0				
BH01	6/19/2025	0	0.289	34.01	307	30,400	10,600	30,707	41,307	601				
BH01	6/19/2025	0.5	<0.0250	0.186	<20.0	32.8	<50.0	32.8	<50.0	36.1				
BH01	6/19/2025	1	<0.0250	0.287	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0				
BH01	6/19/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0				
BH02	6/19/2025	0	0.344	37.95	274	16,800	5,390	17,074	22,464	143				
BH02	6/19/2025	0.5	0.234	43.68	468	11,500	3,270.0	11,968	15,238	275				
BH02	6/19/2025	1	<0.0250	<0.0500	<20.0	91.8	66.3	91.8	158.1	<20.0				
BH02	6/19/2025	2	<0.0250	0.288	<20.0	<25.0	<50.0	<25.0	<50.0	33.1				
BH02	6/19/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	23.2				
BH02	6/19/2025	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0				
BH02	6/19/2025	8	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0				
BH03	6/19/2025	0	<0.0250	4.75	53.8	3,310	1,030	3,364	4,394	<20.0				
BH03	6/19/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	71.8				
BH03	6/19/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	22.1				
BH03	6/19/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	82.1				
BH03	6/19/2025	5 7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	67.1				
BH03	6/19/2025		<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	66.1				
BH04 BH04	6/19/2025 6/19/2025	0 0.5	2.12 <0.0250	71.8 0.149	352 <20.0	13,500 402	3,990.0 184	13,852 402	17,842 586	28.5 <20.0				
BH04 BH04	6/19/2025	0.5	<0.0250	11.7	133	3,800	1,250	3,933	5,183	<20.0				
BH04	6/19/2025	2	<0.0250	58.1	566	10,500	3,710	11,066	14,776	<20.0				
BH04	6/19/2025	4	<0.0250	<0.0500	<20.0	49.7	58.9	49.7	109	<20.0				
אווט די	0/13/2023	7	₹0.0200	₹0.0000	~20.0	73.1	50.5	73.1	109	720.0				



TABLE 1 **SOIL SAMPLE ANALYTICAL RESULTS Dagger State TB Matador Production Company**

Lea County, New Mexico										
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
				Delir	neation Soil San	nples				
BH04	6/19/2025	6	<0.0250	<0.0500	<20.0	<25.0	82.4	<25.0	82.4	<20.0
BH04	6/19/2025	8	<0.0250	<0.0500	<20.0	<25.0	56.3	<25.0	56.3	<20.0
BH05	6/19/2025	0	0.0651	12.1	163	4,340	1,260	4,503	5,763	<20.0
BH05	6/19/2025	0.5	<0.0250	<0.0500	<20.0	56.9	53.2	56.9	110	<20.0
BH05	6/19/2025	1	<0.0250	<0.0500	<20.0	<25.0	53.9	<25.0	53.9	<20.0
BH05	6/19/2025	3	<0.0250	<0.0500	<20.0	52.1	67.2	52.1	119	65.5
BH05	6/19/2025	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	197
BH06	6/19/2025	0	0.0760	16.5	130	3,700	1,280	3,830	5,110	<20.0
BH06	6/19/2025	0.5	< 0.0250	3.98	53.4	1,920	725	1,973	2,698	<20.0
BH06	6/19/2025	1	<0.0250	<0.0500	<20.0	90.6	99.8	90.6	190	<20.0
BH06	6/19/2025	2	<0.0250	<0.0500	<20.0	<25.0	52.9	<25.0	52.9	<20.0
BH06	6/19/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	43.4
BH06	6/19/2025	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	246
BH07	7/22/2025	0	<0.0250	<0.0500	<20.0	119	151	119	270	117
BH07	7/22/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	69.8
BH08	7/23/2025	0	<0.0250	<0.0500	<20.0	3,510	2,180	3,510	5,690	324
BH08	7/23/2025	1	<0.0250	0.0509	<20.0	<25.0	<50.0	<25.0	<50.0	185
BH08	7/23/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH09	7/22/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0

Notes:

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

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.

* 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.

TPH: Total Petroleum Hydrocarbon

GRO: Gasoline Range Organics

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

DRO: Diesel Range Organics NMOCD: New Mexico Oil Conservation Division ORO: Oil Range Organics



TABLE 2 **SOIL SAMPLE ANALYTICAL RESULTS**

Dagger State TB

					or Production Co 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	1,000	2,500	20,000
				Excava	tion Floor Soil S	amples				
FS01	8/1/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<mark>616</mark>
FS02	8/1/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	92.3
FS03	8/1/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	284
FS04	8/1/2025	0.5	<0.0250	<0.0500	<20.0	80.7	<50.0	80.7	80.7	243
FS05	8/1/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	20.7
FS06	8/1/2025	0.5	<0.0250	<0.0500	<20.0	328	119	328	<mark>447</mark>	49.5
FS07	8/1/2025	0.5	<0.0250	<0.0500	<20.0	38.0	<50.0	38.0	38.0	398
FS08	7/28/2025	1	<0.0250	<0.0500	<20.0	315	130	315	<mark>445</mark>	120
FS09	7/29/2025	1	<0.0250	<0.0500	<20.0	75.8	<50.0	75.8	75.8	363
FS10	7/29/2025	1	<0.0250	<0.0500	<20.0	483	269	483	<mark>752</mark>	120
FS11	7/29/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	165
FS12	7/29/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	358
FS13	7/28/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	152
FS14	7/30/2025	1	<0.0250	<0.0500	<20.0	64.2	53.3	64.2	<mark>118</mark>	157
FS15	7/30/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	177
FS16	7/28/2025	1	<0.0250	<0.0500	<20.0	35.0	<50.0	35.0	<50.0	56.2
FS17	7/29/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	109
FS18	7/29/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	233
FS19	7/29/2025	1	<0.0250	<0.0500	<20.0	41.4	<50.0	41.4	<50.0	212
FS20	7/29/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	443
FS21	7/31/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	147
FS22	7/31/2025	0.5	<0.0250	<0.0500	<20.0	57.7	<50.0	57.7	57.7	72.0
FS23	7/31/2025	0.5	<0.0250	<0.0500	<20.0	172	66.6	172	<mark>239</mark>	113
FS24	7/31/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS25	7/31/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	74.9
FS26	7/31/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	38.7
FS27	7/31/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS28	7/31/2025	0.5	<0.0250	<0.0500	<20.0	36.4	<50.0	36.4	36.4	66.5
FS29	7/31/2025	0.5	<0.0250	<0.0500	<20.0	59.7	<50.0	59.7	59.7	29.1
FS30	7/31/2025	0.5	<0.0250	<0.0500	<20.0	575	<50.0	575	<mark>575</mark>	233
FS31	7/31/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	50.5
FS32	7/30/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	80.0





TABLE 2 **SOIL SAMPLE ANALYTICAL RESULTS**

Dagger State TB Matador Production Company Lea County. New Mexico

				Lea	County, New Me	XICO				
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	1,000	2,500	20,000
				Excava	tion Floor Soil S	Samples				
FS33	7/30/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	68.6
FS34	7/30/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	70.6
FS35	7/31/2025	3	<0.0250	<0.0500	<20.0	31.0	<50.0	31.0	31.0	32.9
FS36	7/31/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS37	7/31/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS38	7/31/2025	3	<0.0250	<0.0500	<20.0	71.0	<50.0	71.0	71.0	143
FS39	7/31/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	270
FS40	7/31/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS41	7/31/2025	0.5	<0.0250	<0.0500	<20.0	32.7	<50.0	32.7	32.7	77.5
FS42	8/1/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	465
FS43	8/1/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS44	8/1/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS45	8/1/2025	1	<0.0250	<0.0500	<20.0	287	111	287	<mark>398</mark>	345
FS46	8/1/2025	1	<0.0250	<0.0500	<20.0	26.6	<50.0	26.6	<50.0	245
FS47	8/1/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	261
FS48	8/1/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	147
FS49	8/1/2025	1	<0.0250	<0.0500	<20.0	28.0	<50.0	28.0	<50.0	<20.0
FS50	8/1/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0

Notes:

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

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated "<": Laboratory Analytical result is less than reporting limit

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

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



TABLE 3

SOIL SAMPLE ANALYTICAL RESULTS

Dagger State TB
Matador Production Company
Lea County, New Mexico

	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	1,000	2,500	20,000			
				Sic	dewall Soil Samp	les							
SW01	7/30/2025	0-1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	118			
SW02	7/30/2025	0-1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0			
SW03	7/31/2025	0-3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	105			
SW04	7/30/2025	0-3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	224			
SW05	7/30/2025	0-3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	76.4			
SW06	8/1/2025	0-1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	81.6			
SW07	8/1/2025	0-1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0			

Notes:

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

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

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

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

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



APPENDIX A

Well Log and Record

PAGE 1 OF 2

WELL TAG ID NO.



Z	OSE POD NO POD1 (T		.)		WELL TAG ID NO. n/a			OSE FILE NO(S CP-1882	S).			
ATIC	WELL OWN							PHONE (OPTIC				
202	Advanced :							832.672.470	0			
GENERAL AND WELL LOCATION	WELL OWNI 11490 Wes		ADDRESS Rd. Stuit 950					CITY Houston		STATE TX	77077	ZIP
NOV	WELL		DE	GREES	MINUTES	SECOND	S	<u> </u>				
AL A	LOCATIO		TITUDE	32	27	7.70	N		REQUIRED: ONE TENT	TH OF A SI	ECOND	
NER	(FROM GP	S) LO	NGITUDE	103	36	17.7	w	• DATUM REC	QUIRED: WGS 84			
1. GE	DESCRIPTION SE SE NE		NG WELL LOCATION TO 21S R33E	STREET ADDI	RESS AND COMMON	LANDMAR	KS – PLS	S (SECTION, TO	WNSHJIP, RANGE) WH	ERE AVAI	LABLE	
	LICENSE NO		NAME OF LICENSED		Jackie D. Atkins				NAME OF WELL DRI Atkins Eng		MPANY Associates, I	nc.
	DRILLING S' 10/06/		DRILLING ENDED 10/07/2021		MPLETED WELL (FT) rary well material			LE DEPTH (FT)	DEPTH WATER FIRS	T ENCOU	NTERED (FT)	
_	COMPLETE	O WELL IS:	ARTESIAN	DRY HO	LE SHALLOV	W (UNCONE	TINED)	STATIC WATER LEVEL IN COMPLETED WELL ()				
TIO	DRILLING FI	LUID:	AIR	MUD MUD	ADDITIVE	ES – SPECIF	,					
RMA	DRILLING M	ETHOD:	ROTARY	П намме	R CABLE TO	OOL [✓ OTHE	R - SPECIFY:	Hollo	w Stem	Auger	
INFO	DEPTH	(feet bgl)	BORE HOLE	CASING	MATERIAL AND	/OR	CA	ASING	CASING	CASIN	IG WALL	SLOT
CASING INFORMATION	FROM	то	DIAM (inches)		GRADE each casing string, a sections of screen)		CON	NECTION TYPE ling diameter)	INSIDE DIAM. (inches)		CKNESS nches)	SIZE (inches)
Se C	0	106	±6.5		Boring- HSA							-
DRILLING &												
RIL												
2. I												
				-								
									TGE ON MO	H 2 20	<u>171 aw@:;;</u>	7
	-											
			<u> </u>	<u> </u>	· · · · · · · · · · · · · · · · · · ·					<u> </u>		
7	DEPTH FROM	(feet bgl)	BORE HOLE DIAM. (inches)	1	ST ANNULAR SE VEL PACK SIZE-				AMOUNT (cubic feet)		METHO: PLACEM	
ERI/	TROM	10										
MAT												
LAR			-									-
ANNULAR MATERIAL												
3. A												
				<u></u>					<u> </u>			
FILE	OSE INTER	DALLUSE	1862		POD NO.	<u> </u>	-	WR-2	0 WELL RECORD	LOGO	Version 06/3	0/17)

LOCATION

	DEPTH (f	eet bgl)		COLOR ANI	D TYPE OF MATERIAL EN	ICOUN	TERED -		WAT	ER	ESTIMATED YIELD FOR
	FROM	то	THICKNESS (feet)	Į.	R-BEARING CAVITIES OF plemental sheets to fully de			5	BEAR (YES /		WATER- BEARING ZONES (gpm)
ł	0	9	9	Sar	nd, Fine-grained, poorly grad	ed, Red			Y	√ N	(8,-)
	9	19	10	Calic	he, with fine-grained sand, V	Vhite/Ta	n		Y	√N	
	19	69	50	Sand, F	ine-grained, poorly graded,	Tan/Bro	wn		Y	√N	
	69	79	10	Sand, Fine-gra	ained, poorly graded with cla	y, Reddi	ish Brown		Y	√N	
	79	106	27	Clay, Stiff, cons	solidated, with fine-grained s	and, Red	ldish Brown		Y	√N	
ų									Y	N	
4. HYDROGEOLOGIC LOG OF WELL					,				Y	N	,
OF						:		Ì	Y	N	
,0G									Y	N	
IC I									Y	N	
100									Y	N	
3EO									Y	N	
ROC									Y	N	
HAD									Y	N	
4									Y	N	
									Y	N	
									Y	N	
									Y	N	
		•			· · · · · · · · · · · · · · · · · · ·				Y	N	
									Y	N	
									Y	N	
	METHOD U	SED TO ES	STIMATE YIELD	OF WATER-BEARING	STRATA:			TOTA	AL ESTIM	IATED	
	PUM	P A	IR LIFT	BAILER OT	HER – SPECIFY:			WEI	L YIELD	(gpm):	0.00
NO	WELL TES	T TEST	RESULTS - ATT T TIME, END TI	ACH A COPY OF DAT ME, AND A TABLE SH	A COLLECTED DURING VIOWING DISCHARGE AN	WELL T	ESTING, INC	LUDI ER TH	NG DISCI E TESTIN	HARGE I	METHOD, DD.
VISION	MISCELLA	NEOUS INI	FORMATION:		la manuary and the soil b	anina h	alefillad vais	o deil	1 austin aa	from to	tal danth to tan
TEST; RIG SUPERV					als removed and the soil be ce, then hydrated bentonic						
SU											
RIC							ij	JSE ()II WOU	2 2021	. AMS117
EST	PRINT NAN	(E(S) OF D	RILL RIG SUPE	VISOR(S) THAT PRO	VIDED ONSITE SUPERVIS	ION OI	WELL CON	STRU	CTION O	THER TH	IAN LICENSEE:
5. T		• •	elo Trevino, Car	• •	VIBED CROSSE BOYER VI	<i></i>	W DDD COIL	DINO			
	Shane Eidil		oio ricemio, Car	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII							
FURE	CORRECT	RECORD O	F THE ABOVE I	DESCRIBED HOLE AN	EST OF HIS OR HER KNO D THAT HE OR SHE WILI PLETION OF WELL DRILI	LFILET					
. SIGNATURE	Jack Ats	éins		Jac	ckie D. Atkins				10/28	3/2021	
6.		SIGNAT	URE OF DRILLE	ER / PRINT SIGNEE	NAME					DATE	
	000000000000000000000000000000000000000						W/D 00 W/D	, , , , , , , , , , , , , , , , , , ,	CORP 6	.000	i 06/20/2017
	R OSE INTER E NO.	NAL USE			POD NO.		WR-20 WE TRN NO.	LL RE	COKD &	LUG (Ve	rsion 06/30/2017)
<u> </u>	CATION					WEI I	TAG ID NO.				PAGE 2 OF 2
						بإياب ١٠	-110.				



NO	OSE POD NO POD1 (T		0.)		WELL TAG ID I n/a	NO.		OSE FILE NO CP-1878)(S).			
ОСАТІ	WELL OWN			· · · · · ·				PHONE (OPT 832.672.47			····	
WELL L			IG ADDRESS Rd. Stuit 950	****				CITY Houston		STATE TX	77077	ZIP
GENERAL AND WELL LOCATION	WELL LOCATIO		E ATITUDE	DEGREES 32	MINUTES 25		.08 _N		Y REQUIRED: ONE TER	TH OF A SE	COND	
SNER	(FROM GP	L	ONGITUDE	103	37		2.58 W	<u> </u>	EQUIRED: WGS 84			
1. GF			ING WELL LOCATION T 6 T21S R32E	O STREET ADD	RESS AND COMM	ION LANDN	AARKS – PL	SS (SECTION, T	OWNSHJIP, RANGE) W	HERE AVAIL	ABLE	
	LICENSE NO 124		NAME OF LICENSE		Jackie D. Atki	ns			NAME OF WELL DI Atkins En	RILLING COM		nc.
	DRILLING S 09/21/		DRILLING ENDED 09/21/2021		OMPLETED WELL orary well mate		BORE HO	LE DEPTH (FT) 105	DEPTH WATER FII	RST ENCOUN n/a	TERED (FT)	
z	COMPLETE	O WELL IS	ARTESIAN	DRY HO	LE SHAL	LOW (UNC	ONFINED)		STATIC WATER LE	VEL IN COM n/a	PLETED WE	LL (FT)
ATIO	DRILLING F	LUID:	_ AIR	☐ MUD	ADDI	TTVES – SPI	CIFY:			**		
ORM	DRILLING M	ETHOD:	ROTARY	HAMME	R CABL	E TOOL	У отні	ER - SPECIFY:	Holl	ow Stem A	Auger	
2. DRILLING & CASING INFORMATION	DEPTH FROM	(feet bgl) TO	BORE HOLE DIAM (inches)	(include	MATERIAL A GRADE each casing strin sections of screen	ng, and	CON	ASING NECTION TYPE	CASING INSIDE DIAM. (inches)	THIC	G WALL KNESS ches)	SLOT SIZE (inches)
CA K	0	105	±6.5	Hote	Boring- HSA	<u> </u>	(add coup	oling diameter)	-	- 		
NG.											****	
										 		
2. Di				<u> </u>								
							ļ					
				+						<u> </u>		
.1	DEPTH	(feet bgl)	BORE HOLE	1	IST ANNULAR				AMOUNT		метно	
ANNULAR MATERIAL	FROM	ТО	DIAM. (inches)	GRA	VEL PACK SIZ	ZE-RANG	E BY INTI	ERVAL	(cubic feet)		PLACEN	MEN I
ATE				+		·						
RM									المناشيا وتباكيها يتباضا كباكيا	17 (D) (E) (D) (E))r Lughi er	**
ULA									USE Unition		nain Paga	
ANN												
3.				+								
EOP	OSE PETE	NIAT TIO	I						1 NEW T DECCE			0/150
	OSE INTER	P-	K18		POD	NO.		WR-	NO. //G	150° (V	ersion 06/3	U/17)
LOC	ATION N	lon		.32E	.34.4	24		WELL TAG	ID NO.		PAGE	1 OF 2

FROM TO (feet) INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES BEARING? WATER- (attach supplemental sheets to fully describe all units) (YES / NO) BEARING		DEPTH (eet bgl)		GOT OF 15				- 1			ESTIMATED
FROM TO (feet) (attach supplemental sheets to fully describe all units) (YES/NO) BEARING ZONES (grm 0 4 4 Sand, Fine-grained, poorly graded, Red Brown Y				THICKNESS								YIELD FOR
1		FROM	то	(feet)					3			
9 24 15 Sand, Fine-grained, poorly graded, with clay, Red Brown Y		0	4	4	Sand	Fine-grained, poorly	graded, Red Br	own		Y 🗸	N	
24 54 30 Sand, Fine-grained, poorly graded, with caliche, Brown Red Y		4	9	5	Sand, Fine-	grained, poorly graded	, with caliche, l	Red Brown		Y √	N	
Sand, Fine-grained, poorly graded, some clay Brown		9	24	15	Sand, Fine	-grained, poorly grade	d, with clay, Re	ed Brown		Y 🗸	N	
TIAM		24	54	30	Sand, Fine-	grained, poorly grade	l,with caliche, I	Brown Red		Y √	N	
HADOUGE TO THE PROOF THE P		54	105	51	Sand, Fi	ne-grained, poorly gra	ded, some clay	Brown		Y ✓	N	-
Y N Y N Y N	3									Y	N	
Y N Y N Y N	WE								ĺ	Y	N	
Y N Y N Y N	Q.						, -			Y	N	
Y N Y N Y N	8									Y	N	
Y N Y N Y N	i									Y	N	
Y N Y N Y N	2						· ·			Y	N	
Y N Y N Y N										Y	N	
Y N Y N Y N	S S								Î	Y	N	
Y N Y N Y N	HAT							•	Í	Y	N	
Y N	4				***					Y	N	
								<u> </u>	ŀ	Y	N	
Y N										Y	N	
				· - · · ·						Y	N	
Y N										Y	N	
Y N										Y	N	
Y N	İ									Y	N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: TOTAL ESTIMATED		METHOD U	SED TO ES	TIMATE YIELD	OF WATER-BEARIN	G STRATA:			TOTA	L ESTIMAT	ED	
PUMP AIR LIFT BAILER OTHER - SPECIFY: WELL YIELD (gpm): 0.00		PUMI	Al	R LIFT	BAILER O	THER - SPECIFY:			WEL	L YIELD (gj	pm):	0.00
WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.	NO	WELL TEST	TEST I	RESULTS - ATT. I TIME, END TII	ACH A COPY OF DA ME, AND A TABLE S	TA COLLECTED DU HOWING DISCHAR	RING WELL T	TESTING, INC	LUDIN ER THE	IG DISCHAF TESTING P	RGE N	ÆTHOD, D.
START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. MISCELLANEOUS INFORMATION:	VISI	MISCELLAN	NEOUS INF	ORMATION: _								
				fee	mporary well materi et below ground surf	als removed and the ace, then hydrated b	e soil boring b entonite chins	ackfilled usir s from ten fee	ng drill et belov	cuttings fro	m tot rface	al depth to ten
FRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE	SU			Lo	gs adapted from WS	P on-site geologist.	-			. 8		
0SE DITOCT 22 2021 PM2:43	RIG							î e	ar m	T CK Y 7/2 (2 <u>0</u> 21	PM7:43
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE	EST;	DD INT NAM	E(S) OE DE	OILL DIC CLIDED	VICODOS) THAT DO	NAIDED ONGITE CIT	DEBATEION O					
المراجعة						VIDED ORSITE SU	PERVISION O	r well con	SIKUC	TION OTHE	KIH	an licensee:
Shane Eldridge, Carmelo Trevino, Cameron Pruitt		Shalle Eldire	e, Carme	io rievino, Can								
THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND	٤,	THE UNDER	RSIGNED H	EREBY CERTIF	IES THAT, TO THE I	BEST OF HIS OR HE	R KNOWLED	GE AND BEL	IEF, TI	IE FOREGO	ING I	A TRUE AND
CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING: Jack Atkins Jackie D. Atkins 10-21-2021	ÚR.	AND THE P	ECORD OF	THE ABOVE D LDER WITHIN 3	ESCRIBED HOLE AT 0 DAYS AFTER COM	ND THAT HE OR SH IPLETION OF WELL	E WILL FILE DRILLING:	THIS WELL F	ECOR.	WITH THI	E STA	TE ENGINEER
NAT COLOR OF THE C	NAT		_									
		Jack At	Kins		Ja	ckie D. Atkins				10-21-20	21	
SIGNATURE OF DRILLER / PRINT SIGNEE NAME DATE	•• 		SIGNATU	JRE OF DRILLE	R / PRINT SIGNEE	NAME				DA	TE	
FOR OSE INTERNAL USE WR-20 WELL RECORD & LOG (Version 06/30/2017	FO	R OSE INTERN	JAL USE					WR-20 WE	I PEC	ORD & LOC	· (Ve-	sion 06/30/2017
FILE NO. (P-1878) POD NO. (TRN NO. 199550 4	_			378		POD NO.	1		100	950	7	31011 00/30/2017)
LOCATION WELL TAG ID NO. PAGE 2 OF 2												



NO	OSE POD NO POD1 (T		NO.)			WELL TAG ID NO. 11/a			OSE FILE NO	S).	•		
OCAT	WELL OWN Advanced			tners					PHONE (OPTI 832.672.470	•		•	-
GENERAL AND WELL LOCATION	WELL OWN 11490 We			ADDRESS I. Stuit 950					CITY Houston		STATE TX	77077	ZIP
Ę	WELL	· I		DE	GREES	MINUTES	SECON	DS		·			
[V]	LOCATIO	ON	T ATT	TUDE	32	27	4.30	0 _N	• ACCURACY	REQUIRED: ONE TENT	TH OF A	SECOND	
RA	(FROM GI	es)			103	36	57.1		* DATUM RE	QUIRED: WGS 84			
EZ				GITUDE					<u> </u>				ā · · ·
1. G	SE NE NV				STREET ADD	RESS AND COMMON	LANDMA	ARKS – PLS	ss (section, to	wnshjip, range) wh	ERE AVA	AILABLE	
	LICENSE NO).		NAME OF LICENSED	DRILLER					NAME OF WELL DRI	LLING C	OMPANY	
	124	49				Jackie D. Atkins				Atkins Eng	ineering	Associates,	Inc.
	DRILLING S	TARTED	,	DRILLING ENDED	DEPTH OF CO	MPLETED WELL (FI	<u> </u>	BORE HO	LE DEPTH (FT)	DEPTH WATER FIRS	T ENCO	UNTERED (FT)
	09/29/	/2021		09/29/2021	tempo	rary well materia	1		105		n/a		
										STATIC WATER LEV	EL IN CO	OMPLETED W	ELL (FT)
z	COMPLETE	D WELL:	IS:	ARTESIAN	DRY HO	LE SHALLO	W (UNCON	NFINED)			n/a	1	
110	DRILLING F	LUID:		AIR	MUD	ADDITIV	ES - SPECI	IFY:		I			
MA	DRILLING M	ÆTHOD:		ROTARY	П намме	R CABLE TO	OOI.	(V) OTHE	R - SPECIFY:	Hollo	w Sten	Auger	
FOR	DRILLING METHOD: ROTARY HAMMER CABLE TOOL OTHER - SPECIFY: Hollow Stem Auger DEPTH (feet bgl) BORE HOLE CASING MATERIAL AND/OR CASING CASING WALL OF CASING												
NI	U FROM TO DIAM GRADE CASING CASING WALL SLOT												
ING	FROM	10)		(include		and						
(inches) (include each casing string, and note sections of screen) (add coupling diameter) (inches) (inches) (inches) (inches)											(inches)		
38	U	10	<u> </u>	±6.5		Boring- HSA			-				<u> </u>
)NI						·	\longrightarrow		-				
III				 									
DF.													
7		ļ		 								·	
				 			\longrightarrow						
				<u>.</u>									
													
							\longrightarrow						+
		<u></u>		<u> </u>	<u> </u>					= -			<u> </u>
	DEPTH	(feet bg	1)	BORE HOLE		ST ANNULAR SE				AMOUNT	}	METHO	
TY	FROM	TC)	DIAM. (inches)	GRA	VEL PACK SIZE-	RANGE	BY INTE	RVAL	(cubic feet)		PLACE	MENT
TE													
MA													
AR										وما المام		و بسر ويعوري	
ğ	5 UDE U) UC) ZZ KVZI. PMZ/47												
ANNULAR MATERIAL													
ь. Г													
FOR	OSE INTER	NADU:	SE	<i></i>					WR-2	WELL REÇORD &	LOG (Version 06/3	30/1 <i>7</i>)
FILE	NO.	<u> </u>	·	885	_	POD NO		$oldsymbol{oldsymbol{I}}$	TRN 1		1100	1I	
LOC	ATION /	10r	1	21	5.33E	. 19.3	23		WELL TAG II	ONO.		PAGE	1 OF 2

	DEPTH (feet bgl)							• • •		ESTIMATED
1			THICKNESS		ID TYPE OF MATER ER-BEARING CAVIT					ATER ARING?	YIELD FOR WATER-
	FROM	то	(feet)		pplemental sheets to					S/NO)	BEARING
	0	14	14	Col	ists with Consension	1 1	1:4-4-		V	4 N	ZONES (gpm)
	14	24		<u> </u>	iche, with fine-grained				Y	•	
			10		ine-grained, poorly gra				Y	-	
	24	44	20		d, Fine-grained, poorly		·····		Y		·
	44	79	35		ne-grained, poorly grad			Brown	Y		
	79	105	26	C	Clay, Stiff, Brownish R	led, (R	ed Bed)		Y	-	
II.									Y		
HYDROGEOLOGIC LOG OF WELL									Y	N	
05									Y	N	
3									Y	N	
Cic									Y	N	
Š									Y	N	
25									Y	N	
8									Y	N	
H	:								Y	N	
4									Y	N	
					****				Y	N	
									Y	N	
									Y	N	
									Y	N	
									Y	N	
									Y	N	
	METHOD U	SED TO ES	TIMATE YIELD	OF WATER-BEARIN	G STRATA:				TOTAL EST	IMATED	
	PUMI			_	THER - SPECIFY:				WELL YIE	LD (gpm):	0.00
			IN EM 1		THEK - BI ECH 1:						
 -	WELL TES			ACH A COPY OF DAT ME, AND A TABLE SI							
VISION					HOWING DISCHARG	JE AN	D DKA	WDOWN OVE	K THE TEST	ING PERIO	υ.
RVI	MISCELLA	NEOUS INF	ORMATION: Te	amporary wen materia	als removed and the	soil b	oring b	ackfilled using	g drill cuttin	gs from tot	al depth to ten
UPE				et below ground surfa ogs adapted from WS		entoni	te chips	from ten feet	below grou	nd surface	to surface.
IGS			2.	-go waaptou nom w.b.	r on bite geologist.						
TEST; RIG SUPER								, May James	والمراجع والمراجعة والمراجعة	· ~~~	en e e e
TES	PRINT NAM	E(S) OF DE	RILL RIG SUPER	VISOR(S) THAT PRO	VIDED ONSITE SUF	ERVI	SION O	F WELL CONS	TRUCTION	OTHÉR TH	AN LICENSEE:
5.	Shane Eldric	ige, Carme	lo Trevino, Can	neron Pruitt							
	·										***
	THE UNDER	RSIGNED H RECORD OI	EREBY CERTIF THE ABOVE D	TES THAT, TO THE B DESCRIBED HOLE AN	BEST OF HIS OR HE ID THAT HE OR SH	R KNO E WIL	WLED	GE AND BELII THIS WELL RI	EF, THE FOR ECORD WIT	REGOING I H THE STA	S A TRUE AND TE ENGINEER
TUR	AND THE P	ERMIT HO	LDER WITHIN 3	0 DAYS AFTER COM	PLETION OF WELL	DRIL	LING:				
NA	Jack Ar	the in a		-	11 75 441				40		
6. SIGNATURE	guest All			Jac	ckie D. Atkins				10/	22/2021	
		SIGNATI	URE OF DRILLE	R / PRINT SIGNEE	NAME		_			DATE	
	OAF DESCRIPTION		····								
	R OSE INTERI E NO.	AL USE	1882	.,	POD NO.	,		TRN NO.		& LOG (Ver 1944	sion 06/30/2017)
	CATION		<u>, , , , , , , , , , , , , , , , , , , </u>		102110.		WEY.		<u>u</u>	1-1 CE	PAGE 2 OF 2
							WELL	TAG ID NO.			171015 2 01 2



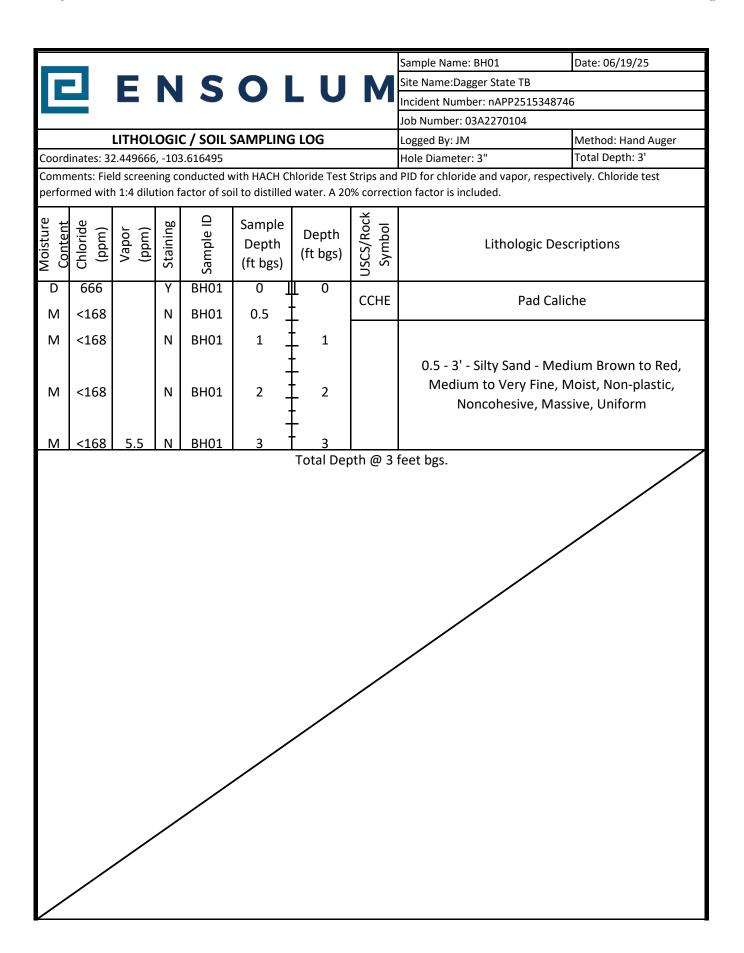
				. <u> </u>											
	OSE POD NO	•	(O.)		WELL TAG ID NO.			OSE FILE NO(S).						
ION	POD1 (T				n/a			CP-1888							
GENERAL AND WELL LOCATION	WELL OWN							PHONE (OPTIO							
100	Advanced 1							832.672.470	·V						
TT			NG ADDRESS Rd. Stuit 950		Houston		STATE TX	77077	ZIP						
WE	11490 WCS	uncimei	Ru. Stuft 950			Houston		17	77077						
	WELL			DEGREES	MINUTES	SECONI									
AL.	LOCATIO	N L	ATITUDE	32	26	0.21	N	ACCURACY REQUIRED: ONE TENTH OF A SECOND							
TER.	(FROM GP	S) L	ONGITUDE	103	37	2.09	W	* DATUM REQUIRED: WGS 84							
GE	DESCRIPTION	ON RELAT	ING WELL LOCATION	TO STREET ADDR	ESS AND COMMON	LANDMA	RKS PLS	S (SECTION, TO	WNSHJIP, RANGE) WH	ERE AVAII	ABLE				
1.	SE NW SV	V (Unit)	Letter L) Sec 31; T	21S.R33E.											
	LICENSE NO),	NAME OF LICENS	ED DRILLER					NAME OF WELL DRI	LLING CO	MPANY				
	124	19			Jackie D. Atkins				Atkins Eng	ineering A	Associates, I	nc.			
	DRILLING S		DRILLING ENDED		MPLETED WELL (F1	, ,		LE DEPTH (FT)	DEPTH WATER FIRE		NTERED (FT)				
	09/21/	2021	09/21/2021	tempor	rary well materia	11		105		n/a					
z	COMPLETE	WELL IS	: ARTESIAN	DRY HOL	E SHALLO	W (UNCON	(FINED)		STATIC WATER LEV	/EL IN CON n/a	APLETED WE	LL (FT)			
(TIO	DRILLING FI	LUID:	AIR	MUD	ADDITIV	ES – SPECI	IFY:								
2. DRILLING & CASING INFORMATION	DRILLING M	ETHOD:	ROTARY	П наммен	CABLE T	OOL	OTHE	R – SPECIFY:	Hollo	w Stem	Auger				
VFO.	DEPTH	(feet bgl)	BORE HOLE	CASING	MATERIAL AND	O/OR			CASING	CASD	CWALL	SLOT			
10 10	FROM	то	— BOKE HOLL		GRADE	.		ASING NECTION	INSIDE DIAM.		CASING WALL THICKNESS				
VSID			(inches)		each casing string, sections of screen)			TYPE ling diameter)	(inches)	(in	(inches)				
) 3	0	105	±6.5		Boring- HSA		<u> </u>	-	-			-			
ğ															
==															
M															
7															
								-				ļ			
												-			
									 	ļ					
	ПЕРТН	(feet bgl)	DODE HOLE	, , ,	ST ANNULAR SI	7AT MAT	TRRIAT A	AND	AMOUNT		метно	D OF			
;	FROM	TO	DIAM (inche	'	VEL PACK SIZE				(cubic feet)		PLACEN				
ANNULAR MATERIAL	TROM	10													
TA															
Z Z				+											
OILA									ريمار ي دردو وهر معمر وهاروس						
									DPE DIL MO	V 4 1 V 2	I HOUSE	5			
3. A															
FOR	OSE INTER	NAL US						WR-2	0 WELL RECORD	& LOG (\	/ersion 06/3	0/17)			
	E NO.	(1)	7-1888		POD NO	_	\mathcal{I}	TRN		CAC	Ł				
LOC	CATION			15.336	.3/2/	4	•	WELL TAG I	D NO.		PAGE	1 OF 2			

	DEPTH (i	eet bgl)							1		ESTIMATED
	ì	0,	THICKNESS		IND TYPE OF MATEI FER-BEARING CAVI				WA' BEAF	TER ING?	YIELD FOR WATER-
	FROM	то	(feet)		upplemental sheets to				1	/NO)	BEARING ZONES (gpm)
	0	4	4	Sano	d, Fine-grained, poorly	graded,	Red Brown		Y	√ N	
	4	9	5	Sand, Fine	-grained, poorly graded	, with c	aliche, Red	Brown	Y	√ N	
	9	24	15	Sand, Fin	e-grained, poorly grade	d, with	clay, Red B	rown	Y	√ И	
	24	54	30	Sand, Fine	grained, poorly graded	l,with ca	liche, Brow	n Red	Y	√N	
	54	105	51	Sand, F	ine-grained, poorly gra	ded, so	ne clay Bro	wn	Y	√ N	
1									Y	N	
4. HYDROGEOLOGIC LOG OF WELL									Y	N	
OF									Y	N	
00									Y	N	
101									Y	N	
001									Y	N	
3EO									Y	N	
ROC									Y	N	
HYD									Y	N	
4.									Y	N	
									Y	N	
	-								Y	N	
									Y	N	
								-	Y	N	
									Y	N	
									Y	N	
	METHOD U	SED TO ES	TIMATE YIELD	OF WATER-BEARI	NG STRATA:			T	OTAL ESTI	MATED	
	PUM	Р Па	IR LIFT	BAILER	OTHER - SPECIFY:			l v	VELL YIELI) (gpm):	0.00
									· · · · · ·		
/ISION	WELL TES				ATA COLLECTED DU SHOWING DISCHAR						
	MISCELLA	NEOUS INF	ORMATION: TA	emnorary well mate	rials removed and th	e soil b	oring back	filled using	trill cutting	from to	tal denth to ten
PER			fe	et below ground sur	rface, then hydrated l	entoni					
Su			L	ogs adapted from W	SP on-site geologist	•					
TEST; RIG SUPER											
EST	PRINT NAN	(E(S) OF DI	RILL RIG SUPER	(VISOR(S) THAT PR	OVIDED ONSITE SU	PERVI	SION OF W	ELL CONST	RUCTION O	THER TH	IAN LICENSEE:
S. 1			lo Trevino, Car	, ,							
			,								
딾					BEST OF HIS OR HI						
GR					MPLETION OF WELL						21 9M11/57
SIGNATURE											description of the patter 1 family 1
SIG	-	- a-	LD.	tel .	Jackie D. Atkins				11-4	-2021	
6.		SIGNAT	URE OF DRILLE	ER / PRINT SIGNE	E NAME					DATE	
					· · · · · · · · · · · · · · · · · · ·						
	R OSE INTER	NAL USE	100	~	BOD NO	,		R-20 WELL RN NO.	RECORD &	LOG (Ve	rsion 06/30/2017)
	E NO. (CATION		100	\$	POD NO.	$\overline{}$			10 3	07	PAGE 2 OF 2
	MION					i	WELL TA	G ID NO.			FAGE 2 OF 2



APPENDIX B

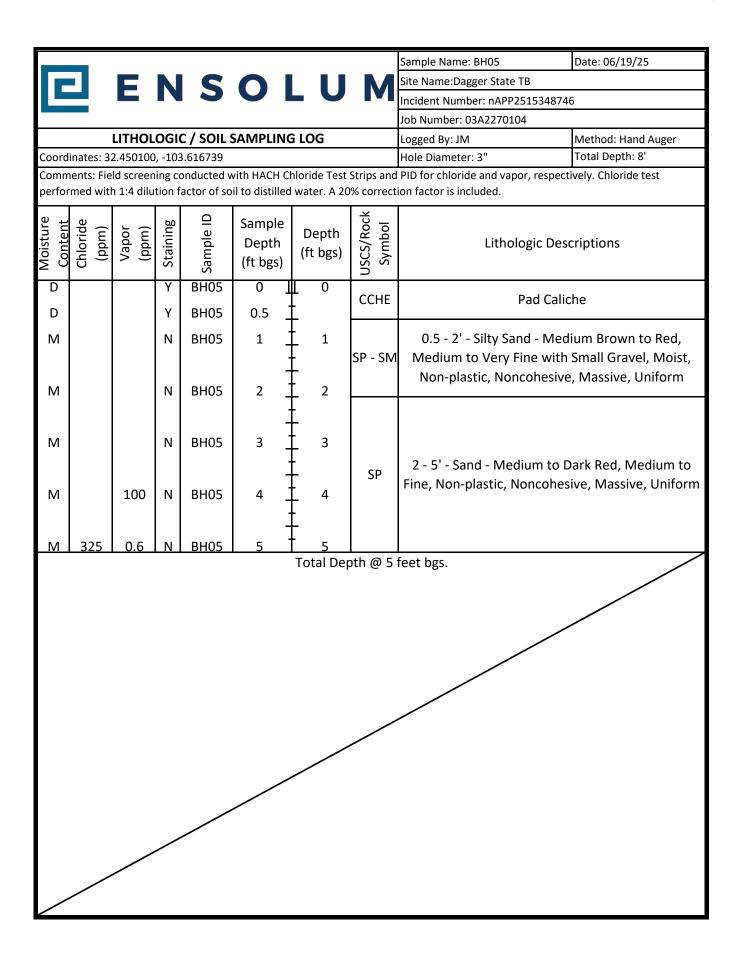
Lithologic Soil Sampling Logs



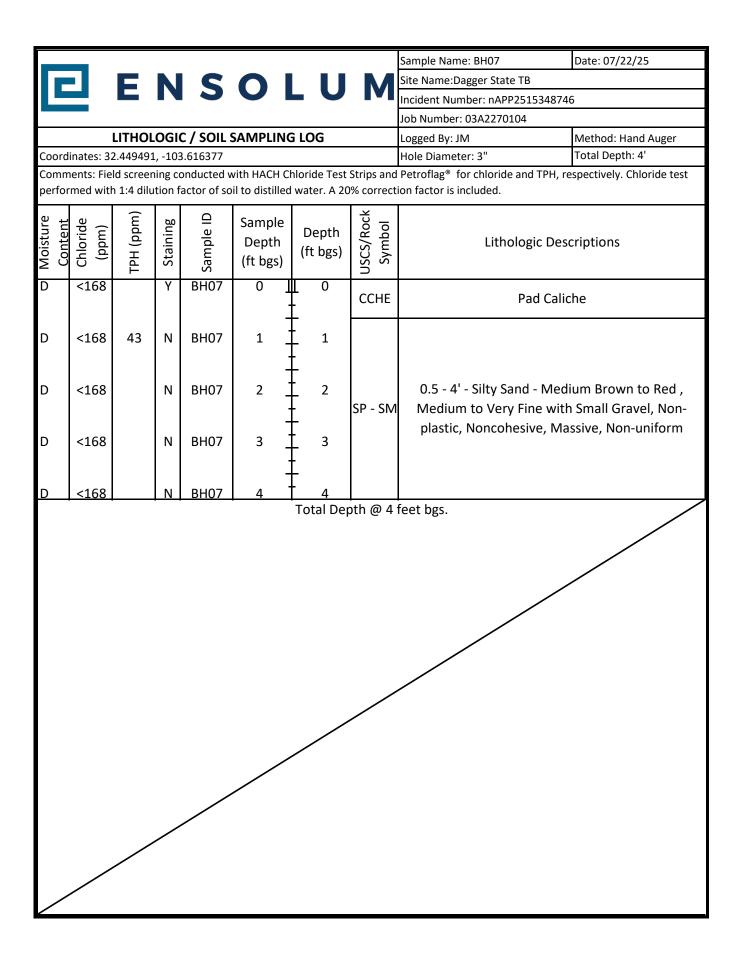
								Sample Name: BH02	Date: 06/19/25			
			M	S	0 1		M	Site Name:Dagger State TB				
						Incident Number: nAPP2515348746						
						Job Number: 03A2270104						
		LITHOL	OGI	C / SOIL S	SAMPLING	Logged By: JM Method: Hand Auger						
		2.449778				Hole Diameter: 3"	Total Depth: 8'					
			_			PID for chloride and vapor, respe on factor is included.	ctively. Chloride test					
Moisture Content	Content Chloride (ppm) Vapor (ppm) Staining Sample ID Debth (tt pds) USCS/Rock Symbol					•	Lithologic Descriptions					
D	<168	1,812	Υ	BH02	0 1	0	ССНЕ	Dad Ca	licho			
М	370	1,447	Υ	BH02	0.5	0.5	ССПЕ	Pad Ca				
М	<168	389	N	BH02	1 _	1	SP - SM	0.5 - 2' - Silty Sand - Medium Brown to Red, Medium to Very Fine with Small Gravel, Non- plastic, Noncohesive, Massive, Non-uniform,				
М	<168	45	N	BH02	2	2		Shar	·			
M	<168	8.8	N	вно2	3	- ² - - 3			r			
М	<168	6.4	Ν	BH02	4 <u>-</u>	- - - 4						
М		41	N	BH02	5 <u> </u>	5 - -	SP	2 - 8' - Silty Sand - Mediur to Fine, Non-plastic, No Unifo	ncohesive, Massive,			
М		0.3	N	BH02	6	6 -						
М			N	BH02	7 -	- 7 - 7						
М	<168	1	N	BH02	8	- 8						
	Total Depth @ 8 feet bgs.											
_												
	-											

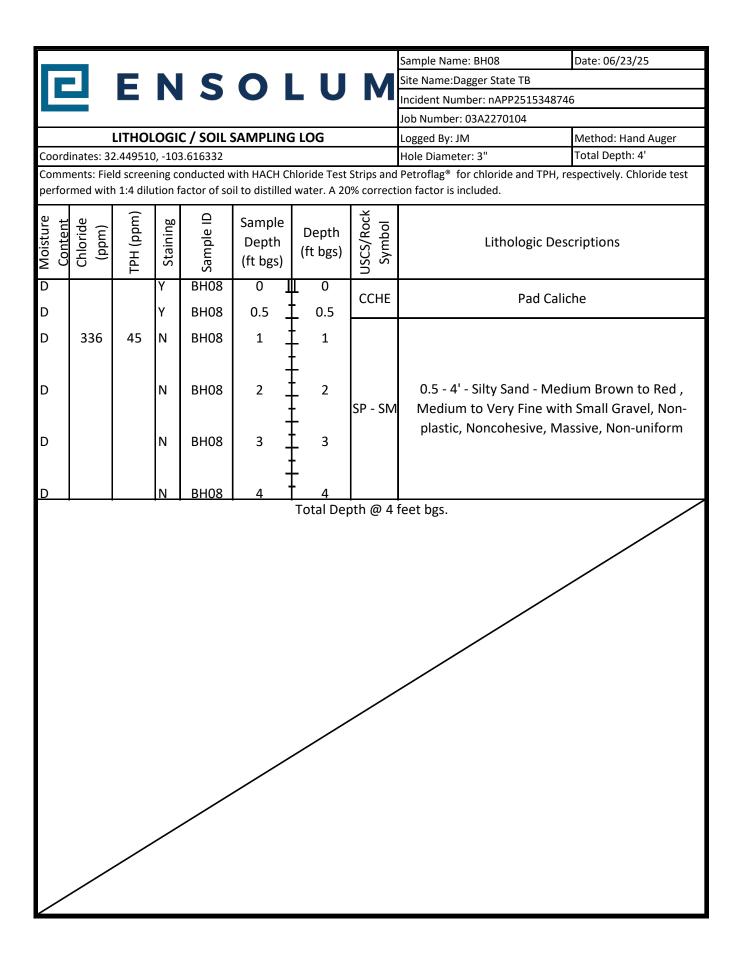
		_						Sample Name: BH03	Date: 06/19/25			
		E	N	S	0 1	Site Name:Dagger State TB						
		=		. /		Job Number: 03A2270104						
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: JM	Method: Hand Auger			
Coordinates: 32.449964, -103.616674 Comments: Field screening conducted with HACH Chloride Test Strips and								Hole Diameter: 3"	Total Depth: 7'			
			-				•	factors included.	ectively. Chloride test			
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions				
D			Υ	BH03	0	0	CCHE	Pad Ca	dicho			
D			Υ	BH03	0.5	0.5	CCHE					
М			N	BH03	1 _	1						
М			N	вн03	2	_ 2	SP - SM	1 - 4' - Sand with Gravel - Medium to Dark Ro Medium to Fine with Small to Large Gravel, N plastic, Noncohesive, Massive, Non-uniforn Sharp				
М		15	N	BH03	3 _	3						
М			N	BH03	4 _	- _ 4 -						
М		7.1	N	BH03	5 _	- _ 5 -	ССНЕ	4 -7' - Caliche - Medium to Light Brown Mediu				
М			N	BH03	6 _	_ _ 6 -	CCIIL	to Fine with Small to Lar Noncohesive,	-			
М	<168	1.3	N	BH03	7	7						
IVI	<108	1.5	IN	впиз	/	Total Dep	oth @ 7	feet bgs.				

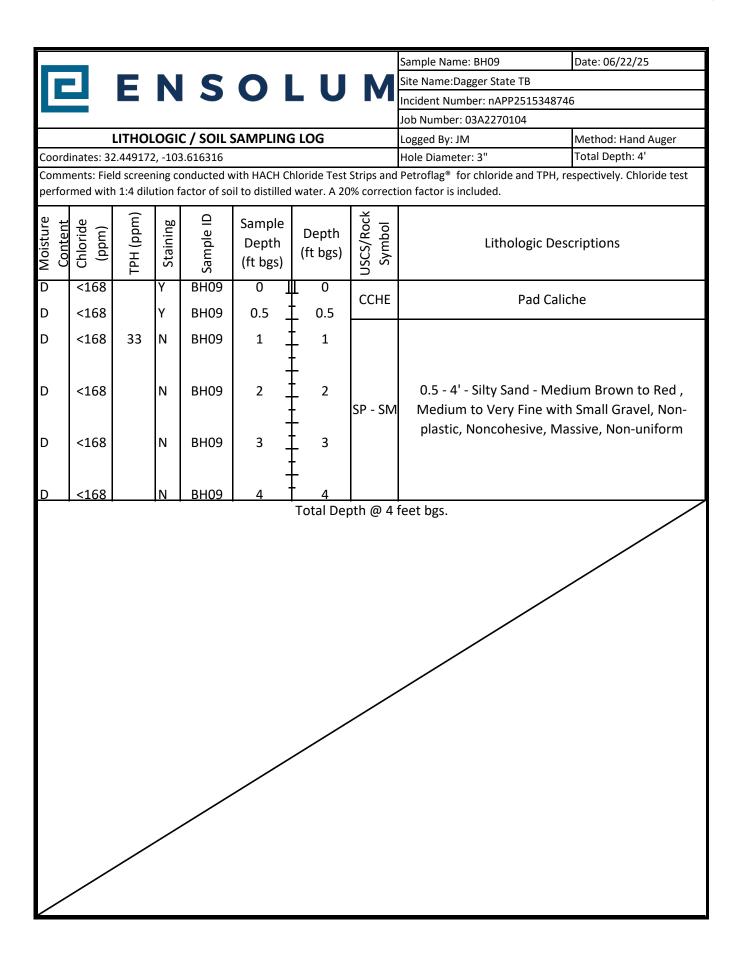
									5 . 06/10/05			
								Sample Name: BH04	Date: 06/19/25			
		E	N	S	0 1	Site Name:Dagger State TB						
		=		. /				Job Number: 03A2270104				
LITHOLOGIC / SOIL SAMPLING LOG Coordinates: 32.450158, -103.616593								Logged By: JM Method: Hand Auger				
					ii+h IIACII C	Hole Diameter: 3" PID for chloride and vapor, re	Total Depth: 8'					
			_				on factor is included.	espectively. Chioride test				
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs) Depth (ft bgs)			Lithologic Descriptions				
D			Υ	BH04	0	0	CCHE	Pad	Caliche			
D			Υ	BH04	0.5							
M			N	BH04	1 _	1						
М			N	ВН04	2	2	SP - SM	0.5 - 4' - Sand with Gravel - Medium to Dark F Medium to Fine with Small to Large Gravel, N plastic, Noncohesive, Massive, Non-uniforn Sharp				
М			N	BH04	3 _	3						
М			N	BH04	4 _	4						
М		45.4	N	BH04	5 <u>-</u>	- - 5						
М			N	BH04	6	6	ССНЕ	to Fine with Small to I	m to Light Brown Medium Large Gravel, Non-plastic, e, Non-uniform			
М		0	N	BH04	7 _	7						
М	<168	2	N	BH04	- 8	- 8						
						Total Dep	oth @ 8 ⁻	reet bgs.				



								Sample Name: BH06	Date: 06/19/25		
			N	C				Site Name:Dagger State TB			
ENSOLUM								Incident Number: nAPP2515348746			
								Job Number: 03A2270104			
		LITHOL	OGI	C / SOIL S	SAMPLING	LOG	Logged By: JM Method: Hand Auge				
Coordi								Hole Diameter: 3"	Total Depth: 6'		
			_			PID for chloride and vapor, respendance included.	ctively. Chloride test				
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic De	scriptions		
D			Υ	BH06	0 _	0	CCLIE	Dad Cal	icho		
D			Υ	BH06	0.5	<u>-</u>	CCHE	Pad Cal	icile		
М		311	N	вн06	1	1					
М			N	вн06	2	- _ 2 -	ССНЕ	0.5 - 4' - Caliche - Medi Medium to Fine with Smal plastic, Noncohesive, M	ll to Large Gravel, Non-		
М			N	BH06	3 _	3 -		Sharp			
М			N	ВН06	4 _	- _ 4 -					
М		34.5	N	вн06	5 -	- - 5 -	SP - SM	4 - 6' - Silty Sand - Med Medium to Very Fine wit plastic, Noncohesive, M	th Small Gravel, Non-		
М	<168	0.6	N	BH06	6	- 6					
						Total Dep					









APPENDIX C

Photographic Log



Photographic Log

Matador Production Company

Dagger State TB

nAPP2515348746





Photograph 1 Date: 07-02-2025 Photograph

Description: Lease Signage

View: Southeast

Photograph 2 Date: 06-18-2025

Description: Lateral Delineation SS03

View: South





Photograph 3 Date: 06-19-2025

Description: Lateral Delineation SS15

View: East

Photograph 4 Date: 06-19-2025

Description: Lateral Delineation SS09

View: East



Matador Production Company
Dagger State TB
nAPP2515348746





Photograph 5 Date: 06-19-2025

Description: Vertical Delineation BH01

View: Southeast

Photograph 6 Date: 06-19-2025

Description: Vertical Delineation BH04

View: Southeast





Photograph 7 Date: 06-19-2025

Description: Lateral Delineation SS15

View: East

Photograph 8 Date: 06-19-2025

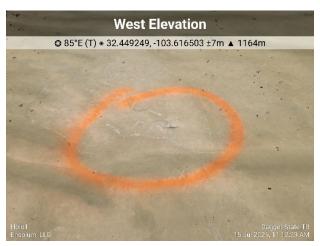
Description: Lateral Delineation SS09

View: East



Matador Production Company
Dagger State TB
nAPP2515348746





Photograph 9 Date: 07-02-2025

Description: Containment View: Southeast

Photograph 10

Description: Hole 1
View: East

Date: 07-15-2025





Photograph 11 Date Description: Hole 4

. View: East Date: 07-15-2025 Photograph 12

Description: BH07
View: Northeast

Date: 07-22-2025



Matador Production Company
Dagger State TB
nAPP2515348746





Photograph 13

Description: BH07 Patch

View: North

Date: 07-22-2025

Photograph 14 Description: BH09

View: West

Date: 07-22-2025

SW 264°W (T) ● 32.449226, -103.616279 ±3m ▲ 1142m

BH09 Patch
Ensolum, LLC

Dagger State TB
22 Jul 2025, 2:18:13 PM



Photograph 15

Description: BH09 Patch

View: West

Date: 07-22-2025

Photograph 16

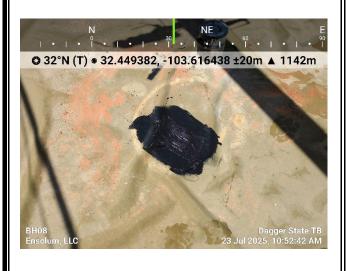
Description: BH08

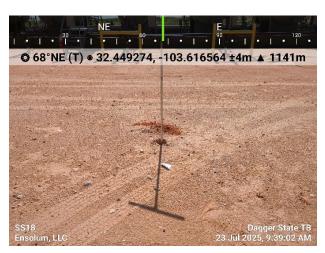
View: West

Date: 07-23-2025



Matador Production Company
Dagger State TB
nAPP2515348746





Date: 07-23-2025

Photograph 17 Date: 07-23-2025 P

Description: BH08

View: Northeast

Photograph 18
Description: SS18

View: East





Photograph 19 Date: 07-28-2025 Photograph 20 Date: 07-28-2025

Description: Hydrovac Daylighting Lines Description: Excavation Area 2

View: North View: West



Photographic Log Matador Production Company Dagger State TB

nAPP2515348746





Photograph 21
Description: SS01A

View: North

Date: 07-28-2025

Photograph 22 Description: SS08A

View: South

Date: 07-28-2025





Photograph 23

Description: Excavation

View: East

Date: 07-29-2025 Photogr

Photograph 24

Date: 07-29-2025

Description: Hydrovac Excavation

View: Southeast



Photographic Log Matador Production Company Dagger State TB nAPP2515348746





Photograph 25

Description: Excavation

View: West

Date: 07-29-2025

Photograph 26

Description: 3' Excavation

View: North

Date: 07-30-2025

Date: 07-30-2025





Date: 07-30-2025 Photograph 27

Description: Hydrovac Excavation

View: Southeast

Photograph 28

Description: Excavation

View: Northwest



Photographic Log Matador Production Company Dagger State TB nAPP2515348746





Photograph 29 Date: 07-31-2025

Description: 3' Excavation View: West

Photograph 30

Description: 0.5' Excavation

View: Southeast





Photograph 31

Date: 07-31-2025

Photograph 32

Date: 08-01-2025

Date: 07-31-2025

Description: 1' Excavation

View: South

Description: Waste Removal

View: Southwest



Photographic Log Matador Production Company

Dagger State TB nAPP2515348746





Photograph 33

Description: Excavation View: West

Date: 08-01-2025

Date: 08-01-2025

Photograph 34

Description: Excavation View: Northwest

Date: 08-01-2025

Date: 08-01-2025





Photograph 35

Description: 3' Excavation

View: North

Photograph 36

Description: 1' Excavation

View: Northwest



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: Dagger State TB

Work Order: E506166

Job Number: 23003-0002

Received: 6/20/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/26/25

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

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

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

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

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

Date Reported: 6/26/25

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

Project Name: Dagger State TB

Workorder: E506166

Date Received: 6/20/2025 6:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/20/2025 6:30:00AM, under the Project Name: Dagger State TB.

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

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues 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
SS01-0'	6
SS01-1'	7
SS02-0'	8
SS02-1'	9
SS03-0'	10
SS03-1'	11
SS04-0'	12
SS04-1'	13
SS05-0'	14
SS05-1'	15
SS06-0'	16
SS06-1'	17
SS07-0'	18
SS07-1'	19
QC Summary Data	20
QC - Volatile Organics by EPA 8021B	20
QC - Nonhalogenated Organics by EPA 8015D - GRO	21
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	22
QC - Anions by EPA 300.0/9056A	23
Definitions and Notes	24

Table of Contents (continued)

Chain of Custody etc. 25

Sample Summary

Matador Resources, LLC.	Project Name:	Dagger State TB	Donouted.
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	06/26/25 08:40

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01-0'	E506166-01A	Soil	06/18/25	06/20/25	Glass Jar, 2 oz.
SS01-1'	E506166-02A	Soil	06/18/25	06/20/25	Glass Jar, 2 oz.
SS02-0'	E506166-03A	Soil	06/18/25	06/20/25	Glass Jar, 2 oz.
SS02-1'	E506166-04A	Soil	06/18/25	06/20/25	Glass Jar, 2 oz.
SS03-0'	E506166-05A	Soil	06/18/25	06/20/25	Glass Jar, 2 oz.
SS03-1'	E506166-06A	Soil	06/18/25	06/20/25	Glass Jar, 2 oz.
SS04-0'	E506166-07A	Soil	06/18/25	06/20/25	Glass Jar, 2 oz.
SS04-1'	E506166-08A	Soil	06/18/25	06/20/25	Glass Jar, 2 oz.
SS05-0'	E506166-09A	Soil	06/18/25	06/20/25	Glass Jar, 2 oz.
SS05-1'	E506166-10A	Soil	06/18/25	06/20/25	Glass Jar, 2 oz.
SS06-0'	E506166-11A	Soil	06/18/25	06/20/25	Glass Jar, 2 oz.
SS06-1'	E506166-12A	Soil	06/18/25	06/20/25	Glass Jar, 2 oz.
SS07-0'	E506166-13A	Soil	06/18/25	06/20/25	Glass Jar, 2 oz.
SS07-1'	E506166-14A	Soil	06/18/25	06/20/25	Glass Jar, 2 oz.

Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/26/2025 8:40:29AM

SS01-0'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2525101
Benzene	ND	0.0250	1	06/20/25	06/20/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/20/25	
Toluene	ND	0.0250	1	06/20/25	06/20/25	
o-Xylene	ND	0.0250	1	06/20/25	06/20/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/20/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/20/25	
Surrogate: 4-Bromochlorobenzene-PID		98.0 %	70-130	06/20/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2525101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.0 %	70-130	06/20/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2526014
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/23/25	
Surrogate: n-Nonane		94.7 %	61-141	06/23/25	06/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2525105
Chloride	149	20.0	1	06/20/25	06/21/25	

Matador Resource	s, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway	y, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240		Project Manager:	Ashley Giovengo	6/26/2025 8:40:29AM

SS01-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2525101
Benzene	ND	0.0250	1	06/20/25	06/20/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/20/25	
Toluene	ND	0.0250	1	06/20/25	06/20/25	
o-Xylene	ND	0.0250	1	06/20/25	06/20/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/20/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/20/25	
Surrogate: 4-Bromochlorobenzene-PID		98.2 %	70-130	06/20/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	mg/kg Analyst: BA			Batch: 2525101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.2 %	70-130	06/20/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2526014
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/23/25	
Surrogate: n-Nonane		90.0 %	61-141	06/23/25	06/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2525105
		·		06/20/25	06/21/25	



Matador Resource	s, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway	y, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240		Project Manager:	Ashley Giovengo	6/26/2025 8:40:29AM

SS02-0'

		D				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2525101
Benzene	ND	0.0250	1	06/20/25	06/20/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/20/25	
Toluene	ND	0.0250	1	06/20/25	06/20/25	
o-Xylene	ND	0.0250	1	06/20/25	06/20/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/20/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/20/25	
Surrogate: 4-Bromochlorobenzene-PID		97.8 %	70-130	06/20/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g/kg Analyst: BA			Batch: 2525101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.6 %	70-130	06/20/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: KH		Batch: 2526014
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/23/25	
Surrogate: n-Nonane		90.8 %	61-141	06/23/25	06/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2525105
Chloride	57.2	20.0	1	06/20/25	06/21/25	•



Matador Resource	s, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway	y, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240		Project Manager:	Ashley Giovengo	6/26/2025 8:40:29AM

SS02-1'

		ъ .:				
Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		alyst: BA	7 mary 20d	Batch: 2525101
Benzene	ND	0.0250	1	06/20/25	06/20/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/20/25	
Toluene	ND	0.0250	1	06/20/25	06/20/25	
o-Xylene	ND	0.0250	1	06/20/25	06/20/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/20/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/20/25	
Surrogate: 4-Bromochlorobenzene-PID		98.3 %	70-130	06/20/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2525101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.0 %	70-130	06/20/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2526014
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/23/25	
Surrogate: n-Nonane		83.0 %	61-141	06/23/25	06/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2525105
Chloride	84.4	20.0	1	06/20/25	06/20/25	



Matador Resource	s, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway	y, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240		Project Manager:	Ashley Giovengo	6/26/2025 8:40:29AM

SS03-0'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2525101
Benzene	ND	0.0250	1	06/20/25	06/20/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/20/25	
Toluene	ND	0.0250	1	06/20/25	06/20/25	
o-Xylene	ND	0.0250	1	06/20/25	06/20/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/20/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/20/25	
Surrogate: 4-Bromochlorobenzene-PID		97.1 %	70-130	06/20/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2525101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.5 %	70-130	06/20/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2526014
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/23/25	
Surrogate: n-Nonane		89.0 %	61-141	06/23/25	06/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2525105
Chloride	ND	20.0	1	06/20/25	06/21/25	-



Matador Resource	s, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway	y, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240		Project Manager:	Ashley Giovengo	6/26/2025 8:40:29AM

SS03-1'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2525101
Benzene	ND	0.0250	1	06/20/25	06/20/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/20/25	
Toluene	ND	0.0250	1	06/20/25	06/20/25	
o-Xylene	ND	0.0250	1	06/20/25	06/20/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/20/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/20/25	
Surrogate: 4-Bromochlorobenzene-PID		97.7 %	70-130	06/20/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2525101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.1 %	70-130	06/20/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2526014
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/23/25	
Surrogate: n-Nonane		88.5 %	61-141	06/23/25	06/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2525105
Chloride	ND	20.0	1	06/20/25	06/21/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/26/2025 8:40:29AM

SS04-0'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: BA		Batch: 2525101
Benzene	ND	0.0250	1	06/20/25	06/20/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/20/25	
Toluene	ND	0.0250	1	06/20/25	06/20/25	
o-Xylene	ND	0.0250	1	06/20/25	06/20/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/20/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/20/25	
Surrogate: 4-Bromochlorobenzene-PID		99.9 %	70-130	06/20/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2525101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.8 %	70-130	06/20/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: KH		Batch: 2526014
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/23/25	
Surrogate: n-Nonane		88.7 %	61-141	06/23/25	06/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: IY		Batch: 2525105
Chloride	24.8	20.0	1	06/20/25	06/21/25	



Matador Resource	s, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway	y, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240		Project Manager:	Ashley Giovengo	6/26/2025 8:40:29AM

SS04-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2525101
Benzene	ND	0.0250	1	06/20/25	06/20/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/20/25	
Toluene	ND	0.0250	1	06/20/25	06/20/25	
o-Xylene	ND	0.0250	1	06/20/25	06/20/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/20/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/20/25	
Surrogate: 4-Bromochlorobenzene-PID		95.5 %	70-130	06/20/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g Analyst: BA			Batch: 2525101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.9 %	70-130	06/20/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2526014
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/23/25	
Surrogate: n-Nonane		92.8 %	61-141	06/23/25	06/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2525105
Chloride	ND	20.0	1	06/20/25	06/21/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/26/2025 8:40:29AM

SS05-0'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2525101
Benzene	ND	0.0250	1	06/20/25	06/20/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/20/25	
Toluene	ND	0.0250	1	06/20/25	06/20/25	
o-Xylene	ND	0.0250	1	06/20/25	06/20/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/20/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/20/25	
Surrogate: 4-Bromochlorobenzene-PID		97.9 %	70-130	06/20/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2525101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.6 %	70-130	06/20/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2526014
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/23/25	
Surrogate: n-Nonane		91.1 %	61-141	06/23/25	06/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: IY		Batch: 2525105
Chloride	ND	20.0	1	06/20/25	06/21/25	



Matador Resource	s, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway	y, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240		Project Manager:	Ashley Giovengo	6/26/2025 8:40:29AM

SS05-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2525101
Benzene	ND	0.0250	1	06/20/25	06/20/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/20/25	
Toluene	ND	0.0250	1	06/20/25	06/20/25	
o-Xylene	ND	0.0250	1	06/20/25	06/20/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/20/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/20/25	
Surrogate: 4-Bromochlorobenzene-PID		97.4 %	70-130	06/20/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	g mg/kg Analyst: BA		yst: BA		Batch: 2525101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.8 %	70-130	06/20/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2526014
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/23/25	
Surrogate: n-Nonane		90.0 %	61-141	06/23/25	06/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2525105
Chloride	ND	20.0	1	06/20/25	06/21/25	



Matador Resource	s, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway	y, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240		Project Manager:	Ashley Giovengo	6/26/2025 8:40:29AM

SS06-0'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	nlyst: BA		Batch: 2525101
Benzene	ND	0.0250	1	06/20/25	06/20/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/20/25	
Toluene	ND	0.0250	1	06/20/25	06/20/25	
o-Xylene	ND	0.0250	1	06/20/25	06/20/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/20/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/20/25	
Surrogate: 4-Bromochlorobenzene-PID		98.7 %	70-130	06/20/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2525101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.8 %	70-130	06/20/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2526014
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/23/25	
Surrogate: n-Nonane		90.3 %	61-141	06/23/25	06/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2525105
Chloride	ND	20.0	1	06/20/25	06/21/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/26/2025 8:40:29AM

SS06-1'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: BA		Batch: 2525101
Benzene	ND	0.0250	1	06/20/25	06/21/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/21/25	
Toluene	ND	0.0250	1	06/20/25	06/21/25	
o-Xylene	ND	0.0250	1	06/20/25	06/21/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/21/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/21/25	
Surrogate: 4-Bromochlorobenzene-PID		96.8 %	70-130	06/20/25	06/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: BA		Batch: 2525101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.0 %	70-130	06/20/25	06/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: KH		Batch: 2526014
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/23/25	
Surrogate: n-Nonane		87.3 %	61-141	06/23/25	06/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: IY		Batch: 2525105
Chloride	31.4	20.0	1	06/20/25	06/21/25	



Matador Resource	s, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway	y, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240		Project Manager:	Ashley Giovengo	6/26/2025 8:40:29AM

SS07-0'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2525101
Benzene	ND	0.0250	1	06/20/25	06/21/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/21/25	
Toluene	ND	0.0250	1	06/20/25	06/21/25	
o-Xylene	ND	0.0250	1	06/20/25	06/21/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/21/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/21/25	
Surrogate: 4-Bromochlorobenzene-PID		97.7 %	70-130	06/20/25	06/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2525101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.7 %	70-130	06/20/25	06/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2526014
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/24/25	
Surrogate: n-Nonane		85.7 %	61-141	06/23/25	06/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2525105
Chloride	69.9	20.0	1	06/20/25	06/21/25	



Matador Resource	s, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway	y, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240		Project Manager:	Ashley Giovengo	6/26/2025 8:40:29AM

SS07-1'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2525101
Benzene	ND	0.0250	1	06/20/25	06/21/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/21/25	
Toluene	ND	0.0250	1	06/20/25	06/21/25	
o-Xylene	ND	0.0250	1	06/20/25	06/21/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/21/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/21/25	
Surrogate: 4-Bromochlorobenzene-PID		98.7 %	70-130	06/20/25	06/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2525101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.0 %	70-130	06/20/25	06/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2526014
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/24/25	
Surrogate: n-Nonane		89.1 %	61-141	06/23/25	06/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2525105
Chloride	490	20.0	1	06/20/25	06/21/25	



QC Summary Data

				<u> </u>					
Matador Resources, LLC.		Project Name:		Dagger State TB					Reported:
5400 LBJ Freeway, Suite 1500		Project Number:		23003-0002					
Dallas TX, 75240		Project Manager:	1	Ashley Giovengo)				6/26/2025 8:40:29AN
		Volatile O	rganics	by 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 (2525101-BLK1)							Prepared: 0	6/20/25 A	nalyzed: 06/20/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.93		8.00		99.1	70-130			
LCS (2525101-BS1)							Prepared: 0	6/20/25 A	nalyzed: 06/20/25
Benzene	4.73	0.0250	5.00		94.6	70-130			
Ethylbenzene	4.64	0.0250	5.00		92.9	70-130			
Toluene	4.68	0.0250	5.00		93.7	70-130			
p-Xylene	4.67	0.0250	5.00		93.4	70-130			
o,m-Xylene	9.32	0.0500	10.0		93.2	70-130			
Total Xylenes	14.0	0.0250	15.0		93.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.94		8.00		99.2	70-130			
Matrix Spike (2525101-MS1)				Source: E	2506166-	08	Prepared: 0	6/20/25 A	nalyzed: 06/20/25
Benzene	4.68	0.0250	5.00	ND	93.7	70-130			
Ethylbenzene	4.59	0.0250	5.00	ND	91.8	70-130			
Toluene	4.63	0.0250	5.00	ND	92.6	70-130			
o-Xylene	4.61	0.0250	5.00	ND	92.1	70-130			
o,m-Xylene	9.20	0.0500	10.0	ND	92.0	70-130			
Total Xylenes	13.8	0.0250	15.0	ND	92.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.80		8.00		97.6	70-130			
Matrix Spike Dup (2525101-MSD1)				Source: E	2506166-	08	Prepared: 0	6/20/25 A	nalyzed: 06/20/25
Benzene	5.05	0.0250	5.00	ND	101	70-130	7.45	27	

0.0250

0.0250

0.0250

0.0500

0.0250

4.99

4.98

9.92

14.9

5.00

5.00

5.00

10.0

15.0

ND

ND

ND

ND

ND

99.1

99.9

99.6

99.2

99.3

70-130

70-130

70-130

70-130

70-130

70-130

7.58

7.59

7.80

7.48

7.59

26

20

25 23

26



Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

Matador Resources, LLC.	Project Name:	Dagger State TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	·
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/26/2025 8:40:29AM

Dallas TX, 75240		Project Manage	r: As	shley Gioveng	go				6/26/2025 8:40:29AM
	Non	halogenated	Analyst: BA						
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2525101-BLK1)							Prepared: 0	6/20/25 A	nalyzed: 06/20/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.82		8.00		85.3	70-130			
LCS (2525101-BS2)							Prepared: 0	6/20/25 A	nalyzed: 06/20/25
Gasoline Range Organics (C6-C10)	46.7	20.0	50.0		93.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.22		8.00		90.2	70-130			
Matrix Spike (2525101-MS2)				Source:	E506166-	08	Prepared: 0	6/20/25 A	nalyzed: 06/20/25
Gasoline Range Organics (C6-C10)	49.6	20.0	50.0	ND	99.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.28		8.00		91.0	70-130			
Matrix Spike Dup (2525101-MSD2)				Source:	E506166-	08	Prepared: 0	6/20/25 A	nalyzed: 06/20/25
Gasoline Range Organics (C6-C10)	51.0	20.0	50.0	ND	102	70-130	2.91	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.27		8.00		90.8	70-130			



QC Summary Data

Dagger State TB Matador Resources, LLC. Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 6/26/2025 8:40:29AM Dallas TX, 75240 Project Manager: Ashley Giovengo

Dallas 1X, /5240		Project Manage	r: As	sniey Gioveng	go				6/26/2025 8:40:29AF
	Nonha	logenated Or	ganics by	EPA 8015I	D - DRO	/ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2526014-BLK1)							Prepared: 0	6/23/25 A1	nalyzed: 06/23/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.8		50.0		91.7	61-141			
LCS (2526014-BS1)							Prepared: 0	6/23/25 Aı	nalyzed: 06/23/25
Diesel Range Organics (C10-C28)	244	25.0	250		97.7	66-144			
Surrogate: n-Nonane	45.1		50.0		90.2	61-141			
Matrix Spike (2526014-MS1)				Source:	E506166-	02	Prepared: 0	6/23/25 Aı	nalyzed: 06/23/25
Diesel Range Organics (C10-C28)	259	25.0	250	ND	104	56-156			
Surrogate: n-Nonane	47.7		50.0		95.4	61-141			
Matrix Spike Dup (2526014-MSD1)				Source:	E506166-	02	Prepared: 0	6/23/25 A1	nalyzed: 06/23/25
Diesel Range Organics (C10-C28)	263	25.0	250	ND	105	56-156	1.80	20	
Surrogate: n-Nonane	48.6		50.0		97.3	61-141			



QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500	Project Name: Project Number:	Dagger State TB 23003-0002	Reported:				
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/26/2025 8:40:29AM				
1. The 200 000000							

	Anions by EPA 300.0/9056A						Analyst: IY		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2525105-BLK1)							Prepared: 0	6/20/25 Ana	alyzed: 06/20/25
Chloride	ND	20.0							
LCS (2525105-BS1)							Prepared: 0	6/20/25 Ana	alyzed: 06/20/25
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2525105-MS1)				Source: E506166-04		Prepared: 06/20/25 Analyzed: 06/20/25			
Chloride	320	20.0	250	84.4	94.3	80-120			
Matrix Spike Dup (2525105-MSD1)				Source: E506166-04			Prepared: 06/20/25 Analyzed: 06/21/25		
Chloride	276	20.0	250	84.4	76.6	80-120	14.9	20	M2

QC Summary Report Comment:

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



Definitions and Notes

Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	06/26/25 08:40

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



						Chair	of Cus	toc	yk											Page of
	Clie	nt Inform	nation			Invoice Information	on		1868	No.	Lak	Use	e Onl	v	p#650	Ho		TAT		State
Client: N	Natador Prod				Cor	npany: Ensolum LLC			Lab V	VO#				1000	er			3D	Std	NM CO UT TX
	Dagger State					dress: 3122 National Parks	Hwy		E5	10	166)	230	Numb	200				X	X
Project N	/lanager: Ash	nley Giov	engo	<u> </u>	City	, State, Zip: Carlsbad NM,	88220		PARE											
Address:	3122 Nation	nal Parks	Hwy		Pho	ne: 575-988-0055			_				Ana	lysis	and I	Meth	od			EPA Program
	e, Zip: Carls		88220		Em	ail: agiovengo@ensolum	.com													SDWA CWA RCRA
	575-988-0055				Misc	ellaneous:										- 1				
Email: a	giovengo@er	nsolum.c	om				A THE RESERVE AND A SECOND	Juntos		3015	3015									Compliance Y or N PWSID#
				Cample Inf	ormatic				72577	by 8	by 8	021	560	300.0	Σ	Ķ	etals			PWSID#
Time				Sample Inf	ormatio	11	ю	7	Lab	ORC	DRO	by 8	by 8	ide	2	1005	Σ Σ			Remarks
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Field	Filter	lumber	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			Kernarko
12:52	6/18/2025	S	1			SS01-0'	4		1						х					1.0
14:19	6/18/2025	S	1			SS01-1'		6	2						х					2.8
11:27	6/18/2025	S	1			SS02-01	4		3						х					2.60
12:15	6/18/2025	S	1			SS02-1'	Ø.	20	4						х					2.1
11:34	6/18/2025	S	1			SS03-0'		4	5						х					2.3
12:20	6/18/2025	S	1			SS03-1'	Ť	(0						х					1.4
14:54	6/18/2025	S	1	_		SS04-0'			7						х					1.6
15:23	6/18/2025	S	1	_		SS04-1'			8						Х					2.3
13:53	6/18/2025	S	1			SS05-0'			9						х					1.7
14:50	6/18/2025	S	1			SS05-1'			10						Х					1.0
igonzale	z@ensolum. pler), attest to the	com hm	oir@enso	lum.com. oader	rinto@e	giovengo@ensolum.com, nsolum.com tampering with or intentionally misla														
	ed by: (Signatur		Date	19/25 7.	1)	Received by: (Signature)			1925	Time	103	3		BALL COM	AND THE PARTY OF	Witness Hearts		ed in ice at	an avg	st be received on ice the day they are temp above 0 but less than 6 °C on
FA	ed by: (Signatur	, Kour	Date U	19.25 Time	230	Received by: (Signature) Camder Briggs		-19	-25	Time 17	45				Rece	ived	on ice:		ab Us)/ N	se Only
Carn	ed by: (Signatur Len Bri	igh		20-25 Oo		Received by: (Signature)		i.2	0.25	We (30				T1			<u>T2</u>		<u>T3</u>
	ed by: (Signatur		Date	Time		Rodolied By Asign Pryfer (OU)	Dat			Time					AVG	Tem	p°C	. 1000		
	trix: S - Soil, Sd - S					1. 11.			ner Type											he analysis of the above samples i

applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.





Released to Imaging: 9/12/2025 10:59:14 AM

	Clie	nt Inform	ation			Invoice Inf	ormation			Minus	La	b Us	e Onl	ly				TAT			State	9
Client: N	Natador Prod	uction Co	mpany		Co	mpany: Ensolum L	LC		La	Lab WO# . Job Nu			lumb	er		1D 2D 3D Sto		Std	NM	CO UT	TX	
roject:	Dagger State	TB			Ad	ddress: 3122 Nation	al Parks Hwy		E	500	166		230	03.0	m_2	2			Х	X		
Project N	/lanager: Ash	nley Giov	engo			ty, State, Zip: Carlsb		20														
	3122 Nation	110 - 110 -			14.300.000	one: 575-988-005			_				Ana	lysis	and I	Meth	od		_		A Progra	
	e, Zip: Carlsl		88220		The same of the sa	mail: agiovengo@e	nsolum.com													SDWA	CWA	RCRA
	575-988-0055				- Mis	scellaneous:				10	10									Compliano	e Y	or N
maii: a	giovengo@e	isolum.c	om							801	801						<u>s</u>			PWSID#		01 14
CONTRACT.				Sample	Informati	on				O by	O by	8021	3260	300	Σ	t-3	Meta					
Time			No. of					e d	Lab	DRO/ORO by 8015	GRO/DRO by 8015	втех by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Remarks	
Sampled	Date Sampled	Matrix	Containers			Sample ID		Field	Lab Numb	er 8	GRC	вте	707	당	BGD	TCEC	RCR					
13:56	6/18/2025	S	1			SS06-0'			11						х					1 1		
		3	1						11					\perp	~	_	_	4		1.1		
14:53	6/18/2025	S	1			SS06-1'			17	X					Х		- 1			2.0		
								+	16			-		\dashv	\dashv	-+		-1-	+-	<u></u>		
		_								100												
		1							17111						\neg	\neg						
										4												
											\vdash		\square		_	_	_	_	₩			
									TO THE							- 1						
											\vdash		\vdash		\dashv	\dashv		-	1			
			-													- 1		1				
									nike la													
			_							19/4												
									12/17													
	_															-	_					
											1 1				- 1	- 1						
			66 -	1 0	1	agiovengo@ensolur		iltani	Dance			trall		25011				225@0	ncol	ım com		
						ensolum.com	ii.com, chan	inton	wenso	uiii.co	11, 163	Lieni	awei	isoui	111.00	,,,, D	31111111	Jiiswe	113010	aiii.coiii,		
, (field san	pler), attest to th	e validity and	authenticity	of this sample.	I am aware tha	t tampering with or intention	nally mislabeling	the sam	ple locat	on, date	or time	of coll	ection	is cons	idered	fraud	and may	be grour	nds for	legal action.		
Sampled by	:AK, JH																					
Relinquish	ed by: (Signatur	A L	Date	Til Color	me _ 11	Received by: (Signature	in Park	Date	10:	Time	12	1								ust be received o		
		1		19/25	1. 1	() Consol	OU THE		14.	5 1	00	0			enpeed	uent da	rea pac		eroca ucalia		rat less than o	E I I I I I
Relinquish	ed by: (Signatur	e)	Date	19-25	me 1 1 22	Received by: (Signature	2)	Date	19-2	Time	745				Doco	ivad	on ico	_)/ N	se Only		
Relinquis	ned by: (Signatur	el anle	Date		me U.SC	Received by: (Signature		Date	11-2	Time	, 13				кесе	ived	on ice	. ()/ N			
1	1 cm		60		2000	1:4:4	7/2 -		20.2	5/10	30				T1			T2			Т3	
Relinguish	ned by: (Signatur	e)	Date		me	Received by: (Signature	w.	Date		Time	_						7-7"					FER IN
	1. (2.020			3.8											AVG	Tem	p°C_					
																		v - VOA				



envirotech

Released to Imaging: 9/12/2025 10:59:14 AM

								6	50	616	06	Car	1 6	2012	5_						
	Clie	nt Inform	nation			Invoice Information	on	188		L	ab Us	e On	ly		ALA		TAT			State	е
ient: M	atador Prod	uction Co	ompany			mpany: Ensolum LLC			,WO			Job I				1D	2D 30	Std	NM	CO UT	TX
oject: D	agger State	TB				dress: 3122 National Parks		E	60	-		230	3 3.	000	2			X	X		
	lanager: Ash					y, State, Zip: Carlsbad NM,	88220				MA						PENDS				
	3122 Nation				Pho	one: 575-988-0055		_ 18			,	Ana	lysis	and l	Met	hod		_		PA Progra	
	e, Zip: Carls		88220		Em	nail: agiovengo@ensolum	.com		3										SDWA	CWA	RCRA
	75-988-0055				Miso	cellaneous:					1								o !!		L IN
nail: ag	iovengo@er	nsolum.c	om				1		8015	8015									Complian PWSID #		or N
									- A	by 8	8021	097	000.0	Σ	Ĕ	etal			PWSID#		
				Samp	ole Informatio	on	b 5	Lah	- 8	DRO	by 8	3y 8.	ide	- J	1005	Σ Σ				Remarks	
Time ampled	Date Sampled	Matrix	No. of Containers			Sample ID	Field	Lab Numbe	DRO/ORO by	GRO/DRO by	втех by	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Kemarks	î
15:26	6/18/2025	S	1			SS07-0'		13						Х					2.4		
15:28	6/18/2025	S	1			SS07-1'		14						х					1.7		
			_	-													+				
			-								-						_	+			
																	1	-			
- v-H																					
-																					
									9												
ddition	al Instructio	ns: Plea	se CC: cb	urton@en	solum.com, a	giovengo@ensolum.com,	chamilton	@ensolu	ım.co	m, ie	strel	la@e	nsou	lm.cc	om, l	osimr	nons@	ensolu	m.com,		
onzale	@ensolum	com. bm	oir@ens	olum.com.	oaderinto@e																
W	AK, JH	e validity and	a additerration	y or triis surripr	c. rum uware and	tumpering with or intentionally more											, ,				
	ed by: (Signatur	el el	Date	18125	Time - 11	Received by: (Signature)	Date	19.25	Time	30)									on ice the day but less than 6	
elinquishe	ed by: (Signatur	e) (0)	Date	0.1	Time (e32	Received by: (Signature)	Date 6-		Time					Rece	eived	on ic		Lab Us	e Only		
	ed by: (Signatur		Date		Time	Beceived by (Signature)	Date		Time	21	,				., v . u	OII IC					
Came	ed by: (Signatur	egys	G- Date	20-25	0045 Time	Received by: (Signature)	Date	60.65	Time		9.			<u>T1</u>			_ <u>T2</u>			<u>T3</u>	
	o o collection	-01		0 0:1			Con	tainer Tv	ne. a -	glass	n - n	oly/n	lastic	AVG	Ten	np °C	s. v - VC	DAI			

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





envirotech Inc.

Printed: 6/20/2025 7:58:45AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

• • • • • • • • • • • • • • • • • • • •	Client:	Matador Resources, LLC.	Date Received:	06/20/25	06:30	Work Order ID:	E506166
Emile agrocorgogogocolom.com Due Due: 0x20/25 17:00 (4 day TAT) L Does the sample ID marks the COC? Yes Carrier: Courier Yes Carri	Phone:	(972) 371-5200	Date Logged In:	06/19/25	13:38	Logged In By:	Caitlin Mars
1. Does the sample ID match the COC? 2. Does the number of samples per sampling site location match the COC 3. Were samples dropped of the yellen tor carrier? 4. Was the COC complete, i.e. signatures, dates/times, requested analyses? 5. Were all samples received within bolding time? 5. Were all samples received within bolding time? 6. Were all samples received with bolding time? 7. Was a sample Couler received? 7. Was a sample couler received? 8. Sample Couler received? 8. Lyes, was cooler received? 9. Was the sample (a) received infact, i.e., not broken? 9. Was the sample coler received? 11. Lyes, were custody-security seals infact? 12. Was the sample covered on ice? 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments. 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOC analyses? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the paperprint volum/weight or number of samples containers collected? 20. Were field sample labels filled out with the minimum information: Sample ID march the containers and very labeled for VOC analyses? 19. Is the paperprint volum/weight or number of sample containers collected? 20. Were field sample labels filled out with the minimum information: Sample ID received in correct preserved? 21. Lyes the COC or field labels indicate the samples were preserved? 22. Are sample(3) correctly preserved? 23. La lab filtration required and/or requested for dissolved metals? 24. Is lab filtration required and/or requested for dissolved metals? 25. Are sampled have more than one phase, i.e., multiphase? 26. Does the sample have more than one phase, i.e., multiphase? 27. If yes, does the COC specify which phase(s) is to be analyzed? 28. Are samples required to get sent to a subcontract laboratory? 28. As a samples required to get sent to a subcontract laboratory? 29. Was a subcontract laboratory spe	Email:	agiovengo@ensolum.com		06/26/25	17:00 (4 day TAT)		
1. Does the sample ID match the COC? 2. Does the number of samples per sampling site location match the COC 3. Were samples dropped of the yellen tor carrier? 4. Was the COC complete, i.e. signatures, dates/limes, requested analyses? 5. Were all samples received within blothing time? 5. Were all samples received within blothing time? 6. Dot the COC indicate standard TAT; or Expedited TAT? 6. Dot the COC indicate standard TAT; or Expedited TAT? 7. Was a sample colour received? 7. Was a sample colour received? 8. Lyes, was cooler received? 9. Was the sample (s) received intact, i.e., not broken? 9. Was the sample colour received? 10. Were caustody-security seals intact? 11. Hyes, were caustody-security seals intact? 12. Was the sample received on ice? 13. Sec COC for Individual sample tomps. Samples outside of 0°C-6°C will be received in comments. Sample Couler to a sample sample sample samples are received within 13. minuses of sampling 14. Are aqueous VOC samples present? 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOC analyses? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in VOC analyses? 19. Is the appropriate volume/weight or number of sample containers collected? 20. Were field sample labels filled out with the minimum information: 21. Sample ID received in the correct containers? 22. Are sample(3) correctly preserved? 22. Are sample(3) correctly preserved? 23. Are samples of correctly required and/or requested for dissolved metals? 24. Is lab filtration required and/or requested for dissolved metals? 25. Base to COC or field labels indicate the samples were preserved? 26. Base to COC specify which phase(s) is to be analyzed? 27. If yes, does the COC specify which phase(s) is to be analyzed? 28. Are samples contend to present on one phase, i.e., multiphase? 29. Was a subcontract laboratory specified by the client and if so who? 29. Was a subcontract laboratory specified by the cli							
2. Does the number of samples agric location match the COC 3. Were samples droped off by client or carrier? 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? 5. Were all samples received within holding time? 6. Note Analysis, such as play which should be conducted in the field, i.e., 15 minute hold time, are not included in this dissuession. Sample Tern Around Time (TAX) 6. Did the COC indicate standard TAT, or Expedited TAT? 7. Was a sample cooler received? 7. Was a sample cooler received? 8. If yes, was cooler received in good condition? 9. Wes the sample's precived in inact, i.e., not broken? 9. Was the sample's received in inact, i.e., not broken? 10. Were custedly-security seals intact? 11. If yes, were custodly-security seals present? 12. Was the sample received on ice? 13. Sec COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments. 15. Initiates of sampling 13. Sec COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments. 15. Are aqueous VOC samples present? 16. Are aqueous VOC samples present? 17. Was a trip blank (TB) included for VOC analyses? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Use the appropriate volume/weight or number of sample containers collected? 20. Were field sample labels filled out with the minimum information: 21. Does the COC or field labels indicate the samples were preserved? 21. Loes the COC or field labels indicate the samples were preserved? 22. Are sample(s) correctly preserved? 23. Are samples have more than one phase, i.e., multiphase? 24. Is his filtration required and/or requested for dissolved metals? 25. Does the sample have more than one phase, i.e., multiphase? 26. Does the sample have more than one phase, i.e., multiphase? 27. If yes, does the COC specify which phase(s) is to be analyzed? 28. Are samples captured to get sent to a subcontract laboratory? 29. Was a subcontract Laboratory specified by the client and if so who? 29. Was a su	Chain of	Custody (COC)					
3. Were samples dropped off by client or carrier? 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? 5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minus hold time, are not included in this diseaseion. Sample Tern Around Time (TAT) 6. Did the COC indicates standard TAT, or Expedited TAT? Yes Sample Conlete 7. Was a sample cooler received? 8. If yes, was cooler received in good condition? 9. Was the sample(s) received intact, i.e., not broken? 9. Was the sample(s) received intact, i.e., not broken? 10. Were custody/security seals present? 11. If yes, were custody/security seals intact? 12. Was the sample received on ice? 13. See COC for individual sample temps. Samples outside of 0"C-6"C will be recorded in comments. Sample Container 14. Are aqueous VOC samples present? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the properties volume/weight or number of sample containers? 19. Is the properties volume-weight or number of sample containers? 20. Wes Telled Label 20. Were field sample labels filled our with the minimum informattior: 21. Sample ID? 22. Are sample(s) correctly preserved? 23. Lis ab filtration required and/or requested for dissolved metals? 24. Is lab filtration required and/or requested for dissolved metals? 25. Lis and the COC or field labels indicate the samples were preserved? 26. Loss the sample have more than one phase, i.e., multiphase? 27. If yes, does the COC specify which phase(s) is to be analyzed? 28. Are samples have fearing than 6.8 multiphase(s) is to be analyzed? 28. Are samples have fearing than 6.9 in the correct clument of the correct correct preserved? 29. Wes a subcontract Laboratory specified by the client and if so who? 20. Wes a subcontract Laboratory specified by the client and if so who? 20. Wes a subcontract Laboratory specified by the				Yes			
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes 5. Were all samples received within holding time? Now Arabays, such as pff which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion. Sample Turn Around Time (TXD) 7. Did the COC indicate standard TAT, or Expedited TAT? 8. If yes, was cooler received? 7. Was a sample cooler received? 9. Was be sample ooler received in good condition? 9. Yes 8. If yes, was cooler received in good condition? 9. Was the sample's received inact, i.e., not broken? 10. Were custody/security seals present? 11. If yes, were custody/security seals intact? 12. Was the sample received on ize? 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments. Sample Container 14. Are asquoous VOC samples oclected in VOA Vials? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (peaized or less)? 17. Was a trip bank (T8) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Test Collectors name? 10. Does the COC or field labels indicate the samples were preserved? 10. No 11. If yes, does the COC specify which phase(s) is to be analyzed? 10. No 10. Subnoturact Laboratory 10. Does the sample have more than one phase, i.e., multiphase? 20. Tirye, does the COC specify which phase(s) is to be analyzed? 21. Type, does the COC specify which phase(s) is to be analyzed? 22. Are sample(s) correctly preserved? 23. Are samples for correct on than one phase, i.e., multiphase? 24. Is also filterated Laboratory 25. Are samples for exquired to get sent to a subcontract laboratory? 10. No 10. Subcontract Laboratory specified by the client and if so who? 10. Was a subcontract Laboratory specified by the client and if so who? 10. Was a subcontract Laboratory specified by the client and if so who? 10. Subcontract Laborator	2. Does th	he number of samples per sampling site location ma	tch the COC	Yes			
5. Were all samples received within holding time? Noe Analysis with an pit which should be conducted in the field, i.e., 15 minute hold time, are not included in this disacesion. Sample Turn Around Time (TAT) 6. Did the COC indicate standard TAT, or Expedited TAT? 7 Yes Sample Cooler 7. Was a sample cooler received? 8. If yes, was cooler received in good condition? 9. Was the sample(s) received intact, i.e., not broken? 10. Were cutsofdy/security seals intact? 11. If yes, were cutsofdy/security seals intact? 12. Was the sample received on itse? Note: Themand preservation is not required, if samples are received within 15 minutes of sampling 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments. Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the proprinter volume/weight or number of sample containers collected? 19. Wes 19. Date/Time Collected? 19. Date/Time Collected? 20. Were field sample labels filled out with the minimum information: 19. Sample Dro 10. Date/Time Collected? 21. Tess miple Correctly preserved? 22. Are sample(s) correctly preserved? No. 10. Manuel Area of the sample was preserved and/or requested for dissolved metals? No. 10. Multiphase Sample have more than one phase, i.e., multiphase? 19. Lose the sample have more than one phase, i.e., multiphase? 27. If yes, does the COC specify which phase(s) is to be analyzed? No. 28. Are samples prequired to get sent to a subcontract laboratory? 29. Was a subcontract Laboratory, specified by the client and if so who? No. Subcontract Lab: NA	3. Were s	amples dropped off by client or carrier?		Yes	Carrier: Courier		
Note: Analysis, such as plf which should be conducted in the field, it. 15 minute hold time, are not included in this discussion.	4. Was th	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes			
La, 15 minute hold time, are not included in this disussision. Comments/Resolution Sample Turn Around Time (TAT) Yes 6. Did the COC indicate standard TAT, or Expedited TAT? Yes 8. If yes, was cooler received? Yes 8. If yes, was cooler received in good condition? Yes 9. Was the sample(s) received intact, i.e., not broken? Yes 10. Were custody/security seals intact? NA 11. If yes, were custody/security seals intact? NA 12. Was the sample received on ice? Yes Note: Thermal presention is not required, if samples are received within 15 minutes of sampling Thermal presention is not required, if samples are received within 15 minutes of sampling be temps. Samples outside of 0°C-6°C will be recorded in comments. Sample Container No 14. Are aqueous VOC samples present? No 15. Are VOC samples collected in VOA Vials? NA 16. Is the head space less than 6-8 mm (pea sized or less)? NA 17. Was a trip blank (TB) included for VOC canalyses? Yes 19. Is the appropriate volume/weight or number of sample containers collected? Yes Collectors name? Yes Sample ID?	5. Were a		:	Yes			
Sample Turn Around Time (TAT) 6. Did the COC indicate standard TAT, or Expedited TAT? 7. Was a sample cooler received? 7. Was a sample cooler received? 7. Was a sample cooler received in good condition? 7. Was a sample cooler received in good condition? 8. If yes, was cooler received in good condition? 9. Was the sample (s) received intact, i.e., not broken? 10. Were custody/security seals present? 11. If yes, were custody/security seals intact? 12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments. Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples present? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Owere field sample labels filled out with the minimum information: Sample ID? Date: Time Collected? Collectors name? Sample Preservation. 10. Date: Time Collected? Collectors pame? 10. Does the COC or field labels indicate the samples were preserved? 10. No. 10. In the sample have more than one phase, i.e., multiphase? 10. Does the COC or field labels indicate the samples were preserved? 10. Subcontract Laboratory 10. Subcontract Laboratory 10. Subcontract Laboratory specified by the client and if so who? 10. A Subcontract Lab.		*	•			Comment	ts/Resolution
6. Did the COC indicate standard TAT, or Expedited TAT? Sample Cooler 7. Was a sample cooler received? 8. If yes, was cooler received in good condition? 9. Was the sample(s) received in good condition? 10. Were custody/security seals present? 11. If yes, were custody/security seals present? 11. If yes, were custody/security seals intact? 12. Was the sample received on ice? Not: Themal preservation is not required, if samples are received within 15 minutes of sampling 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments. Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analysse? 19. Is the appropriate volume/weight or number of sample containers or less than 18. Are non-VOC samples placed in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Sample ID? Date/Time Collected? Collectors name? Yes Sample IPSecretation 12. Does the COC of field labels indicate the samples were preserved? No No Multiphase Sample Martix 26. Does the sample have more than one phase, i.e., multiphase? No No Multiphase Sample Martix 27. If yes, does the COC specify which phase(s) is to be analyzed? No Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? pecified by the client and if so who? No Subcontract Laboratory No Subcontract Laboratory specified by the client and if so who? No Subcontract Laboratory specified by the client and if so who? No Subcontract Laboratory specified by the client and if so who? No Subcontract Laboratory specified by the client and if so who? No Subcontract Laboratory specified by the client and if so who? No Subcontract Laboratory specified by the client and if so who? No Subcontract Laboratory	Sample T						
Sample Cooler 7. Was a sample cooler received in good condition? 9. Was the sample(s) received in good condition? 9. Was the sample(s) received intact, i.e., not broken? 9. Was the sample(s) received intact, i.e., not broken? 10. Were custody/security seals present? 10. Were custody/security seals present? 11. If yes, were custody/security seals intact? 12. Was the sample received on ice? 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments. 15. Initiates of sampling 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments. Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples present? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the spapropriate volume/weight or number of sample containers collected? 20. Were field sample labels filled out with the minimum information: Sample ID? 20. Were field sample labels filled out with the minimum information: Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? 22. Are sample(s) correctly preserved? 23. Is lab filtration required and/or requested for dissolved metals? 24. Is lab filtration required and/or requested for dissolved metals? 25. Does the sample Matrix 26. Does the COC specify which phase(s) is to be analyzed? 27. If yes, does the COC specify which phase(s) is to be analyzed? 28. Are samples required to get sent to a subcontract laboratory? 28. Are samples required to get sent to a subcontract laboratory? 29. Was a subcontract laboratory specified by the client and if so who? 29. Was a subcontract laboratory specified by the client and if so who? 29. Was a subcontract laboratory specified by the client and if so who?				Yes			
8. If yes, was cooler received in good condition? 9. Was the sample(s) received intact, i.e., not broken? 10. Were custody/security seals present? 11. If yes, were custody/security seals intact? 12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of samplies. 13. Sea COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments. Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Is the appropriate volume/weight or number of sample containers collected? 20. Were field sample labels filled out with the minimum information: Sample IDS: Date-Time Collected? Collectors name? 21. Does the COC or field labels indicate the samples were preserved? 22. Are sample(s) correctly preserved? 23. Are sample fabre more than one phase, i.e., multiphase? 24. Is lab filtration required and/or requested for dissolved metals? Multiphase Sample Matrix 25. Does the COC specify which phase(s) is to be analyzed? 26. Nos Subcontract Laberatory 27. If yes, does the COC specify which phase(s) is to be analyzed? 28. Are samples required to get sent to a subcontract laboratory? 29. Was a subcontract Laboratory specified by the client and if so who? No Subcontract Lab: NA							
9. Was the sample(s) received intact, i.e., not broken? 10. Were custodly/security seals present? 11. If yes, were custodly/security seals intact? 12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments. Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 19. Is the appropriate volume/weight or number of sample containers or less than on-VOC samples collected in the correct containers or less than propriate volume/weight or number of sample containers or less than for number of sample containers or less than propriate volume/weight or number of sample containers or less than propriate volume/weight or number of sample containers or less than propriate volume/weight or number of sample containers or less than propriate volume/weight or number of sample containers or less than propriate volume/weight or number of sample containers or less than propriate volume/weight or number of sample containers or less than propriate volume/weight or number of sample containers or less than propriate volume/weight or number of sample containers or less than propriate volume/weight or number of sample containers or less than propriate volume/weight or number of sample containers or less than propriate volume/weight or number of sample containers or less than propriate volume/weight or number of sample containers or less than propriate volume/weight or number of sample containers or less than propriate volume/weight or number of sample containers or less than propriate volume/weight or number of sample containers or less than propriate volume/weight or number of sample containers or less than propriate volume/weight or number of sample containers or less than propriate volume/weight or number of samp	7. Was a	sample cooler received?		Yes			
10. Were custody/security seals present? 11. If yes, were custody/security seals intact? 12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments. Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Date/Time Collected? Collectors name? Sample ID? Date/Time Collected? Collectors name? 21. Does the COC or field labels indicate the samples were preserved? NA 22. Are sample(s) correctly preserved? NA 24. Is lab filtration required and/or requested for dissolved metals? Multiphase Sample Marrix 26. Does the sample have more than one phase, i.e., multiphase? 27. If yes, does the COC specify which phase(s) is to be analyzed? No Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No Subcontract Laboratory specified by the client and if so who? NA Subcontract Lab: NA	8. If yes,	was cooler received in good condition?		Yes			
11. If yes, were custody/security seals intact? 12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments. Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Is the appropriate volume/weight or number of sample containers collected? 20. Were field sample labels filled out with the minimum information: Sample ID? Date Time Collected? Collectors name? 21. Does the COC or field labels indicate the samples were preserved? 22. Are samples) correctly preserved? 23. Are samples) correctly preserved? 24. Is lab filtration required and/or requested for dissolved metals? 25. No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? 27. If yes, does the COC specify which phase(s) is to be analyzed? 28. Are samples required to get sent to a subcontract laboratory? 28. Are samples required to get sent to a subcontract laboratory? 28. Are samples required to get sent to a subcontract laboratory? 39. No 39. Subcontract Laboratory specified by the client and if so who? 30. Subcontract Lab: NA	9. Was th	e sample(s) received intact, i.e., not broken?		Yes			
11. If yes, were custody/security seals intact? 12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments. Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Is the appropriate volume/weight or number of sample containers collected? 20. Were field sample labels filled out with the minimum information: Sample ID? Date Time Collected? Collectors name? 21. Does the COC or field labels indicate the samples were preserved? 22. Are samples) correctly preserved? 23. Are samples) correctly preserved? 24. Is lab filtration required and/or requested for dissolved metals? 25. No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? 27. If yes, does the COC specify which phase(s) is to be analyzed? 28. Are samples required to get sent to a subcontract laboratory? 28. Are samples required to get sent to a subcontract laboratory? 28. Are samples required to get sent to a subcontract laboratory? 39. No 39. Subcontract Laboratory specified by the client and if so who? 30. Subcontract Lab: NA	10. Were	custody/security seals present?					
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments. Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? NA 16. Is the head space less than 6-8 mm (pea sized or less)? NA 17. Was a trip blank (TB) included for VOC analyses? NA 18. Are non-VOC samples collected in the correct containers? Yes 19. Is the appropriate volume/weight or number of sample containers collected? Yes Field Label 20. Were field sample labels filled out with the minimum information: Sample Toy Date/Time Collected? Yes Collectors name? Yes 21. Does the COC or field labels indicate the samples were preserved? NA 24. Is lab filtration required and/or requested for dissolved metals? No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No Multiphase Sample have more than one phase, i.e., multiphase? No Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No Subcontract Laboratory 29. Was a subcontract laboratory specified by the client and if so who? No Subcontract Laboratory specified by the client and if so who? No Subcontract Laboratory specified by the client and if so who? No Subcontract Laboratory specified by the client and if so who? No Subcontract Laboratory specified by the client and if so who? No Subcontract Laboratory specified by the client and if so who? No Subcontract Laboratory No Subcontract Laboratory specified by the client and if so who? No Subcontract Laboratory specified by the client and if so who? No Subcontract Laboratory specified by the client and if so who? No Subcontract Laboratory specified by the client and if so who? No Subcontract Laboratory No Subcontract Laboratory No							
Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments. Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Were field sample labels filled out with the minimum information: 19. Sample ID? 10. Date/Time Collected? 10. Does the COC or field labels indicate the samples were preserved? 21. Loos the COC or field labels indicate the samples were preserved? 22. Are sample(s) correctly preserved? 23. Are sample(s) correctly preserved? 24. Is lab filtration required and/or requested for dissolved metals? 25. Does the sample have more than one phase, i.e., multiphase? 26. Does the sample have more than one phase, i.e., multiphase? 27. If yes, does the COC specify which phase(s) is to be analyzed? 28. Are samples required to get sent to a subcontract laboratory? 29. Was a subcontract Laboratory specified by the client and if so who? NA Subcontract Lab: NA	12. Was th	ne sample received on ice?					
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments. Sample Container		•	re received within	105			
Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? 21. Does the COC or field labels indicate the samples were preserved? 22. Are sample(s) correctly preserved? No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No Multiphase Sample Matrix 27. If yes, does the COC specify which phase(s) is to be analyzed? No Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No NA Subcontract Lab: NA							
14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Date Field Label 20. Were field sample labels filled out with the minimum information: 10. Sample ID? 10. Date Time Collected? 10. Collectors name? 11. Does the COC or field labels indicate the samples were preserved? 12. Does the COC or field labels indicate the samples were preserved? 13. NA 14. Is lab filtration required and/or requested for dissolved metals? 15. No 16. If yes, does the COC specify which phase(s) is to be analyzed? 16. Does the sample have more than one phase, i.e., multiphase? 17. If yes, does the COC specify which phase(s) is to be analyzed? 18. Are samples required to get sent to a subcontract laboratory? 18. Are samples required to get sent to a subcontract laboratory? 18. Are samples required to get sent to a subcontract laboratory? 18. Are samples required to get sent to a subcontract laboratory? 18. Are samples required to get sent to a subcontract laboratory? 18. Are samples required to get sent to a subcontract laboratory? 18. Are samples required to get sent to a subcontract laboratory? 18. Are samples required to get sent to a subcontract laboratory? 18. As Subcontract Laboratory specified by the client and if so who? 18. Subcontract Lab: NA	13. See C	COC for individual sample temps. Samples outside	of 0°C-6°C will be	recorded	in comments.		
15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Were field sample labels filled out with the minimum information: 10. Sample ID? 10. Date/Time Collected? 11. Does the COC or field labels indicate the samples were preserved? 12. Are sample(s) correctly preserved? 13. Is lab filtration required and/or requested for dissolved metals? 14. Is lab filtration required and/or requested for dissolved metals? 15. No 16. Multiphase Sample Matrix 16. Does the sample have more than one phase, i.e., multiphase? 17. If yes, does the COC specify which phase(s) is to be analyzed? 18. Are samples required to get sent to a subcontract laboratory? 18. Are samples required to get sent to a subcontract laboratory? 18. Are samples required to get sent to a subcontract laboratory? 18. Are samples required to get sent to a subcontract laboratory? 18. Are samples required to get sent to a subcontract laboratory? 18. Are samples required to get sent to a subcontract laboratory? 18. Are samples required to get sent to a subcontract laboratory? 18. Are samples required to get sent to a subcontract laboratory? 18. Are samples required to get sent to a subcontract laboratory? 18. As Subcontract Laboratory specified by the client and if so who? 18. Are samples required to get sent to a subcontract laboratory? 18. As Subcontract Laboratory specified by the client and if so who? 19. As Subcontract Laboratory specified by the client and if so who?							
16. Is the head space less than 6-8 mm (pea sized or less)? NA 17. Was a trip blank (TB) included for VOC analyses? NA 18. Are non-VOC samples collected in the correct containers? Yes 19. Is the appropriate volume/weight or number of sample containers collected? Yes Field Label 20. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? Yes Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? NA 24. Is lab filtration required and/or requested for dissolved metals? No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No No Subcontract Laboratory specified by the client and if so who? NA Subcontract Lab: NA							
17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? 10. Does the COC or field labels indicate the samples were preserved? 11. Does the COC or field labels indicate the samples were preserved? 12. Are sample(s) correctly preserved? 13. Is lab filtration required and/or requested for dissolved metals? 14. Is lab filtration required and/or requested for dissolved metals? 15. No Multiphase Sample Matrix 16. Does the sample have more than one phase, i.e., multiphase? 17. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory NA Subcontract Laboratory NA Subcontract Laboratory specified by the client and if so who? NA Subcontract Lab: NA							
18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? Yes Field Label 20. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? As is lab filtration required and/or requested for dissolved metals? No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No No Subcontract Labirator Laboratory specified by the client and if so who? No Subcontract Lab: NA							
19. Is the appropriate volume/weight or number of sample containers collected? Field Label 20. Were field sample labels filled out with the minimum information: Sample ID? Sample ID? Sample Gollected? Collectors name? Yes Collectors name? Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? No Multiphase Sample Matrix Co. Does the sample have more than one phase, i.e., multiphase? No 27. If yes, does the COC specify which phase(s) is to be analyzed? No Subcontract Laboratory No Subcontract Laboratory No Subcontract Laboratory specified by the client and if so who? No Subcontract Lab: NA		• • • •					
Field Label 20. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? Yes Collectors name? Yes Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No Tif yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory NA Subcontract Laboratory NA Subcontract Laboratory NA Subcontract Laboratory specified by the client and if so who? NA Subcontract Lab: NA							
20. Were field sample labels filled out with the minimum information: Sample ID? Yes Date/Time Collected? Collectors name? Yes Collectors name? 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? No 24. Is lab filtration required and/or requested for dissolved metals? No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No 71. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA		· · · · · · · · · · · · · · · · · · ·	iners collected?	Yes			
Sample ID? Date/Time Collected? Collectors name? Yes Collectors name? Yes Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No 7. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA							
Date/Time Collected? Collectors name? Yes Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No No No Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No No Subcontract Laboratory specified by the client and if so who? NA Subcontract Lab: NA		-	ormation:	Voc			
Collectors name? Yes Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? NA 24. Is lab filtration required and/or requested for dissolved metals? No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No 27. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA		•					
Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? No 24. Is lab filtration required and/or requested for dissolved metals? No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No 27. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA							
22. Are sample(s) correctly preserved? 24. Is lab filtration required and/or requested for dissolved metals? No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No 27. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA	Sample I	Preservation_					
24. Is lab filtration required and/or requested for dissolved metals? No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No 27. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA	21. Does	the COC or field labels indicate the samples were p	reserved?	No			
Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No 27. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA	22. Are s	ample(s) correctly preserved?		NA			
26. Does the sample have more than one phase, i.e., multiphase? No 27. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA	24. Is lab	filtration required and/or requested for dissolved m	etals?	No			
27. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA	Multipha	ase Sample Matrix					
Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA	26. Does	the sample have more than one phase, i.e., multiple	ase?	No			
28. Are samples required to get sent to a subcontract laboratory? No 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA	27. If yes	, does the COC specify which phase(s) is to be anal	lyzed?	NA			
28. Are samples required to get sent to a subcontract laboratory? No 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA	Subconti	ract Laboratory					
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA			ory?	No			
Client Instruction			-	NA	Subcontract Lab: NA		
	Client I	nstruction					
	<u>Cheme II</u>	isti uction					
	1						

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name: Dagger State TB

Work Order: E506181

Job Number: 23003-0002

Received: 6/23/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/26/25

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

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

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

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

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

Date Reported: 6/26/25

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

Project Name: Dagger State TB

Workorder: E506181

Date Received: 6/23/2025 6:45:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/23/2025 6:45:00AM, under the Project Name: Dagger State TB.

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

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues 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
	SS08-0'	6
	SS08-1'	7
	SS09-0'	8
	SS09-1'	9
	SS11-0'	10
	SS11-1'	11
	SS12-0'	12
	SS12-1'	13
	SS14-0'	14
	SS14-1'	15
	SS10-0'	16
	SS10-1'	17
	SS13-0'	18
	SS13-1'	19
	SS15-0'	20
	SS15-1'	21
C	C Summary Data	22
	QC - Volatile Organics by EPA 8021B	22
	QC - Nonhalogenated Organics by EPA 8015D - GRO	23
	OC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	2/

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:	Dagger State TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Keporteu:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	06/26/25 16:36

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS08-0'	E506181-01A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
SS08-1'	E506181-02A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
SS09-0'	E506181-03A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
SS09-1'	E506181-04A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
SS11-0'	E506181-05A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
SS11-1'	E506181-06A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
SS12-0'	E506181-07A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
SS12-1'	E506181-08A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
SS14-0'	E506181-09A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
SS14-1'	E506181-10A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
SS10-0'	E506181-11A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
SS10-1'	E506181-12A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
SS13-0'	E506181-13A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
SS13-1'	E506181-14A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
SS15-0'	E506181-15A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
SS15-1'	E506181-16A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.

Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/26/2025 4:36:16PM

SS08-0'

		L300101 01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: BA		Batch: 2525112
Benzene	ND	0.0250	1	06/20/25	06/24/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/24/25	
Toluene	ND	0.0250	1	06/20/25	06/24/25	
o-Xylene	ND	0.0250	1	06/20/25	06/24/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/24/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/24/25	
Surrogate: 4-Bromochlorobenzene-PID		96.9 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: BA		Batch: 2525112
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.5 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: KH		Batch: 2526036
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/24/25	
Surrogate: n-Nonane		91.3 %	61-141	06/23/25	06/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: DT		Batch: 2526008
Chloride	52.8	20.0	1	06/23/25	06/24/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/26/2025 4:36:16PM

SS08-1'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2525112
Benzene	ND	0.0250	1	06/20/25	06/24/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/24/25	
Toluene	ND	0.0250	1	06/20/25	06/24/25	
o-Xylene	ND	0.0250	1	06/20/25	06/24/25	
o,m-Xylene	ND	0.0500	1	06/20/25	06/24/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/24/25	
Surrogate: 4-Bromochlorobenzene-PID		97.4 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2525112
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.7 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2526036
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/24/25	
Surrogate: n-Nonane		99.0 %	61-141	06/23/25	06/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2526008
Chloride	126	20.0	1	06/23/25	06/24/25	



Chloride

Sample Data

Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/26/2025 4:36:16PM

SS09-0'

E506181-03						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: BA		Batch: 2525112
Benzene	ND	0.0250	1	06/20/25	06/24/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/24/25	
Toluene	ND	0.0250	1	06/20/25	06/24/25	
o-Xylene	ND	0.0250	1	06/20/25	06/24/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/24/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/24/25	
Surrogate: 4-Bromochlorobenzene-PID		96.3 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: BA		Batch: 2525112
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2526036
Diesel Range Organics (C10-C28)	296	25.0	1	06/23/25	06/24/25	
Oil Range Organics (C28-C36)	477	50.0	1	06/23/25	06/24/25	
Surrogate: n-Nonane		91.0 %	61-141	06/23/25	06/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: DT		Batch: 2526008

20.0

32.6

06/23/25

06/24/25



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/26/2025 4:36:16PM

SS09-1'

E50613	81-04
--------	-------

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2525112
Benzene	ND	0.0250	1	06/20/25	06/23/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/23/25	
Toluene	ND	0.0250	1	06/20/25	06/23/25	
o-Xylene	ND	0.0250	1	06/20/25	06/23/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/23/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/23/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	06/20/25	06/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2525112
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.4 %	70-130	06/20/25	06/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2526036
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/24/25	
Surrogate: n-Nonane		93.3 %	61-141	06/23/25	06/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: DT		Batch: 2526008
imons by Elife Colors Cecil						



Anions by EPA 300.0/9056A

Chloride

Sample Data

Matador Resources, LLC.	Proje	ect Name: Dagge	er State TB	
5400 LBJ Freeway, Suite	500 Proje	ect Number: 23003	-0002 Repo	orted:
Dallas TX, 75240	Proje	ect Manager: Ashley	y Giovengo 6/26/2025	4:36:16PM

SS11-0'

E506181-05							
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst:	: BA		Batch: 2525112
Benzene	ND	0.0250		1	06/20/25	06/24/25	
Ethylbenzene	ND	0.0250		1	06/20/25	06/24/25	
Toluene	ND	0.0250		1	06/20/25	06/24/25	
o-Xylene	ND	0.0250		1	06/20/25	06/24/25	
p,m-Xylene	ND	0.0500		1	06/20/25	06/24/25	
Total Xylenes	ND	0.0250		1	06/20/25	06/24/25	
Surrogate: 4-Bromochlorobenzene-PID		95.0 %	70-130		06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2525112	
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/20/25	06/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.3 %	70-130		06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KH		Batch: 2526036
Diesel Range Organics (C10-C28)	ND	25.0		1	06/23/25	06/24/25	
Oil Range Organics (C28-C36)	ND	50.0		1	06/23/25	06/24/25	
Surrogate: n-Nonane		93.5 %	61-141		06/23/25	06/24/25	

mg/kg

20.0

mg/kg

ND

Analyst: DT

06/23/25

06/24/25



Batch: 2526008

Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/26/2025 4:36:16PM

SS11-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2525112
Benzene	ND	0.0250	1	06/20/25	06/24/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/24/25	
Toluene	ND	0.0250	1	06/20/25	06/24/25	
o-Xylene	ND	0.0250	1	06/20/25	06/24/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/24/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/24/25	
Surrogate: 4-Bromochlorobenzene-PID		95.4 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2525112
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.5 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2526036
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/24/25	
Surrogate: n-Nonane		95.7 %	61-141	06/23/25	06/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: DT		Batch: 2526008



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/26/2025 4:36:16PM

SS12-0'

E5061	01	α
F-506 I	ΛI	-11/

	Panartina				
Result	Limit	Dilutio	n Prepared	Analyzed	Notes
mg/kg	mg/kg	An	alyst: BA		Batch: 2525112
ND	0.0250	1	06/20/25	06/24/25	
ND	0.0250	1	06/20/25	06/24/25	
ND	0.0250	1	06/20/25	06/24/25	
ND	0.0250	1	06/20/25	06/24/25	
ND	0.0500	1	06/20/25	06/24/25	
ND	0.0250	1	06/20/25	06/24/25	
	95.8 %	70-130	06/20/25	06/24/25	
mg/kg	mg/kg	An	Analyst: BA		Batch: 2525112
ND	20.0	1	06/20/25	06/24/25	
	94.0 %	70-130	06/20/25	06/24/25	
mg/kg	mg/kg	An	alyst: KH		Batch: 2526036
ND	25.0	1	06/23/25	06/24/25	
ND	50.0	1	06/23/25	06/24/25	
	94.0 %	61-141	06/23/25	06/24/25	
mg/kg	mg/kg	An	alyst: DT		Batch: 2526008
	mg/kg ND	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 25.0 mg/kg mg/kg ND 25.0 ND 50.0 94.0 %	Result Limit Dilution mg/kg mg/kg An 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 95.8 % 70-130 mg/kg mg/kg An ND 20.0 1 94.0 % 70-130 1 ND 25.0 1 ND 50.0 1 94.0 % 61-141 61-141	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 06/20/25 ND 0.0250 1 06/20/25 ND 0.0250 1 06/20/25 ND 0.0500 1 06/20/25 ND 0.0250 1 06/20/25 ND 0.0250 1 06/20/25 mg/kg 70-130 06/20/25 mg/kg mg/kg Analyst: BA ND 20.0 1 06/20/25 mg/kg mg/kg Analyst: KH ND 25.0 1 06/23/25 ND 50.0 1 06/23/25 94.0 % 61-141 06/23/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 06/20/25 06/24/25 ND 0.0500 1 06/20/25 06/24/25 ND 0.0250 1 06/20/25 06/24/25 MD 0.0250 1 06/20/25 06/24/25 mg/kg mg/kg Analyst: BA ND 20.0 1 06/20/25 06/24/25 mg/kg mg/kg Analyst: BA ND 20.0 1 06/20/25 06/24/25 mg/kg mg/kg Analyst: KH ND 25.0 1 06/23/25 06/24/25 ND 50.0 1 06/23/25 06/24/25 ND 50.0



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/26/2025 4:36:16PM

SS12-1'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2525112
Benzene	ND	0.0250	1	06/20/25	06/24/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/24/25	
Toluene	ND	0.0250	1	06/20/25	06/24/25	
o-Xylene	ND	0.0250	1	06/20/25	06/24/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/24/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/24/25	
Surrogate: 4-Bromochlorobenzene-PID		95.5 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2525112
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.0 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2526036
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/24/25	
Surrogate: n-Nonane		88.1 %	61-141	06/23/25	06/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2526008
Chloride	85.7	20.0	1	06/23/25	06/24/25	
Chioride	00.7	20.0				



Sample Data

Matador Resources, LLC.	Proje	ect Name: Dagge	er State TB	
5400 LBJ Freeway, Suite	500 Proje	ect Number: 23003	-0002 Repo	orted:
Dallas TX, 75240	Proje	ect Manager: Ashley	y Giovengo 6/26/2025	4:36:16PM

SS14-0'

E506181-09						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2525112
Benzene	ND	0.0250	1	06/20/25	06/24/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/24/25	
Toluene	ND	0.0250	1	06/20/25	06/24/25	
o-Xylene	ND	0.0250	1	06/20/25	06/24/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/24/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/24/25	
Surrogate: 4-Bromochlorobenzene-PID		95.4 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2525112
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.2 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2526036
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/24/25	
Surrogate: n-Nonane		88.4 %	61-141	06/23/25	06/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2526008
Chloride	ND	20.0	1	06/23/25	06/24/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/26/2025 4:36:16PM

SS14-1'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2525112
Benzene	ND	0.0250	1	06/20/25	06/24/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/24/25	
Toluene	ND	0.0250	1	06/20/25	06/24/25	
o-Xylene	ND	0.0250	1	06/20/25	06/24/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/24/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/24/25	
Surrogate: 4-Bromochlorobenzene-PID		96.6 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2525112
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2526036
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/24/25	
Surrogate: n-Nonane		87.2 %	61-141	06/23/25	06/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2526008
•	274	20.0	-	06/23/25	06/24/25	·



Matador Resources, LLC.	Proje	ect Name: Dagge	er State TB	
5400 LBJ Freeway, Suite	500 Proje	ect Number: 23003	-0002 Repo	orted:
Dallas TX, 75240	Proje	ect Manager: Ashley	y Giovengo 6/26/2025	4:36:16PM

SS10-0'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2525112
Benzene	ND	0.0250	1	06/20/25	06/24/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/24/25	
Toluene	ND	0.0250	1	06/20/25	06/24/25	
o-Xylene	ND	0.0250	1	06/20/25	06/24/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/24/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/24/25	
Surrogate: 4-Bromochlorobenzene-PID		95.2 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2525112
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2526036
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/24/25	
Surrogate: n-Nonane		88.4 %	61-141	06/23/25	06/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2526008
Chloride	ND	20.0	1	06/23/25	06/24/25	•



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/26/2025 4:36:16PM

SS10-1'

		D :				
	D 1	Reporting	D.1:	ъ.		N
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2525112
Benzene	ND	0.0250	1	06/20/25	06/24/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/24/25	
Toluene	ND	0.0250	1	06/20/25	06/24/25	
o-Xylene	ND	0.0250	1	06/20/25	06/24/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/24/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/24/25	
Surrogate: 4-Bromochlorobenzene-PID		95.2 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2525112
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2526036
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/24/25	
Surrogate: n-Nonane		88.0 %	61-141	06/23/25	06/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2526008
Chloride	ND	20.0	1	06/23/25	06/24/25	_
Chioriac		20.0				



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/26/2025 4:36:16PM

SS13-0'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2525112
Benzene	ND	0.0250	1	06/20/25	06/24/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/24/25	
Toluene	ND	0.0250	1	06/20/25	06/24/25	
o-Xylene	ND	0.0250	1	06/20/25	06/24/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/24/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/24/25	
Surrogate: 4-Bromochlorobenzene-PID		93.7 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2525112
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.0 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2526036
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/24/25	
Surrogate: n-Nonane		90.8 %	61-141	06/23/25	06/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2526008
Chloride	273	20.0	1	06/23/25	06/24/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/26/2025 4:36:16PM

SS13-1'

	Reporting				
Result	Limit	Dilutio	n Prepared	Analyzed	Notes
mg/kg	mg/kg	An	alyst: BA		Batch: 2525112
ND	0.0250	1	06/20/25	06/24/25	
ND	0.0250	1	06/20/25	06/24/25	
ND	0.0250	1	06/20/25	06/24/25	
ND	0.0250	1	06/20/25	06/24/25	
ND	0.0500	1	06/20/25	06/24/25	
ND	0.0250	1	06/20/25	06/24/25	
	93.3 %	70-130	06/20/25	06/24/25	
mg/kg	mg/kg	An	alyst: BA		Batch: 2525112
ND	20.0	1	06/20/25	06/24/25	
	93.8 %	70-130	06/20/25	06/24/25	
mg/kg	mg/kg	An	alyst: KH		Batch: 2526036
ND	25.0	1	06/23/25	06/24/25	
ND	50.0	1	06/23/25	06/24/25	
	87.1 %	61-141	06/23/25	06/24/25	
	07.12 70				
mg/kg	mg/kg	An	alyst: DT		Batch: 2526008
	mg/kg ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 mg/kg mg/kg ND 20.0 93.8 % mg/kg mg/kg mg/kg ND 25.0	Result Limit Dilution mg/kg mg/kg An 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 An ND 20.0 1 93.8 % 70-130 mg/kg mg/kg An ND 25.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 06/20/25 ND 0.0250 1 06/20/25 ND 0.0250 1 06/20/25 ND 0.0250 1 06/20/25 ND 0.0500 1 06/20/25 ND 0.0250 1 06/20/25 mg/kg mg/kg Analyst: BA ND 20.0 1 06/20/25 mg/kg mg/kg Analyst: KH ND 25.0 1 06/23/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 06/20/25 06/24/25 ND 0.0500 1 06/20/25 06/24/25 ND 0.0250 1 06/20/25 06/24/25 mg/kg mg/kg Analyst: BA ND 20.0 1 06/20/25 06/24/25 mg/kg mg/kg Analyst: BA MD 20.0 1 06/20/25 06/24/25 mg/kg mg/kg Analyst: KH ND 25.0 1 06/23/25 06/24/25



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/26/2025 4:36:16PM

SS15-0'

	Panartina					
Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	BA		Batch: 2525112
ND	0.0250		1	06/20/25	06/24/25	
ND	0.0250		1	06/20/25	06/24/25	
ND	0.0250		1	06/20/25	06/24/25	
ND	0.0250		1	06/20/25	06/24/25	
ND	0.0500		1	06/20/25	06/24/25	
ND	0.0250		1	06/20/25	06/24/25	
	94.1 %	70-130		06/20/25	06/24/25	
mg/kg	mg/kg		Analyst:	BA		Batch: 2525112
ND	20.0		1	06/20/25	06/24/25	
	93.4 %	70-130		06/20/25	06/24/25	
mg/kg	mg/kg		Analyst:	KH		Batch: 2526036
ND	25.0		1	06/23/25	06/24/25	
ND	50.0		1	06/23/25	06/24/25	
	90.3 %	61-141		06/23/25	06/24/25	
mg/kg	90.3 % mg/kg		Analyst:		06/24/25	Batch: 2526008
	mg/kg ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 mg/kg mg/kg ND 20.0 93.4 % mg/kg MD 25.0	Result Limit Dile mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 70-130 mg/kg mg/kg ND 20.0 mg/kg mg/kg ND 25.0	Result Limit Dilution mg/kg mg/kg Analyst: 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 70-130 mg/kg mg/kg Analyst: ND 20.0 1 mg/kg mg/kg Analyst: ng/kg Mg/kg Analyst:	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 06/20/25 ND 0.0250 1 06/20/25 ND 0.0250 1 06/20/25 ND 0.0250 1 06/20/25 ND 0.0500 1 06/20/25 ND 0.0250 1 06/20/25 mg/kg 70-130 06/20/25 mg/kg mg/kg Analyst: BA ND 20.0 1 06/20/25 mg/kg mg/kg Analyst: KH ND 25.0 1 06/23/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 06/20/25 06/24/25 ND 0.0500 1 06/20/25 06/24/25 ND 0.0250 1 06/20/25 06/24/25 mg/kg mg/kg Analyst: BA ND 20.0 1 06/20/25 06/24/25 mg/kg mg/kg Analyst: BA ND 20.0 1 06/20/25 06/24/25 mg/kg Analyst: KH ND 25.0 1 06/23/25 06/24/25



Chloride

Sample Data

Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/26/2025 4:36:16PM

SS15-1'

		E506181-16				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: BA		Batch: 2525112
Benzene	ND	0.0250	1	06/20/25	06/24/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/24/25	
Toluene	ND	0.0250	1	06/20/25	06/24/25	
o-Xylene	ND	0.0250	1	06/20/25	06/24/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/24/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/24/25	
Surrogate: 4-Bromochlorobenzene-PID		96.6 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: BA		Batch: 2525112
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.0 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: KH		Batch: 2526036
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/24/25	
Surrogate: n-Nonane		86.9 %	61-141	06/23/25	06/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ai	nalyst: DT		Batch: 2526008

20.0

120

06/23/25

06/24/25



QC Summary Data

Dagger State TB Matador Resources, LLC. Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 Dallas TX, 75240 Project Manager: Ashley Giovengo 6/26/2025 4:36:16PM **Volatile Organics by EPA 8021B** Analyst: BA Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2525112-BLK1) Prepared: 06/20/25 Analyzed: 06/23/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.89 8.00 98.7 70-130 LCS (2525112-BS1) Prepared: 06/20/25 Analyzed: 06/23/25 5.61 112 70-130 5.00 Benzene 0.0250 Ethylbenzene 5.50 0.0250 5.00 110 70-130 5.57 0.0250 5.00 111 70-130 Toluene 108 o-Xylene 5.41 0.0250 5.00 70-130 11.1 10.0 111 70-130 0.0500 p.m-Xvlene 110 70-130 16.5 15.0 Total Xylenes 0.0250 8.00 97.8 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.83 Matrix Spike (2525112-MS1) Source: E506181-04 Prepared: 06/20/25 Analyzed: 06/23/25 5.28 0.0250 5.00 ND 70-130 Benzene ND 103 70-130 Ethylbenzene 5.17 0.0250 5.00 Toluene 5.24 0.0250 5.00 ND 105 70-130 5.08 ND 102 70-130 5.00 0.0250 o-Xylene p,m-Xylene 10.4 0.0500 10.0 ND 104 70-130 0.0250 15.0 ND 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.06 8.00 Matrix Spike Dup (2525112-MSD1) Source: E506181-04 Prepared: 06/20/25 Analyzed: 06/23/25 5.63 0.0250 5.00 ND 113 70-130 6.53 27

ND

ND

ND

ND

ND

110

112

108

110

110

99.3

5.00

5.00

5.00

10.0

15.0

8.00

5.49

5 58

5.41

11.0

16.5

7.95

0.0250

0.0250

0.0250

0.0500

0.0250

70-130

70-130

70-130

70-130

70-130

70-130

6.05

6 34

6.24

5.90

6.01

26

20

25

23

26



Ethylbenzene Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

Matador Resources, LLC.	Project Name:	Dagger State TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/26/2025 4:36:16PM

Dallas TX, 75240		Project Manage	r: As	shley Gioveng	go			6/2	6/2025 4:36:16PM
	Non	halogenated	Organics l	by EPA 80	15D - G	RO			Analyst: BA
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2525112-BLK1)							Prepared: 0	6/20/25 Anal	yzed: 06/23/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		8.00		95.7	70-130			
LCS (2525112-BS2)							Prepared: 0	6/20/25 Anal	yzed: 06/23/25
Gasoline Range Organics (C6-C10)	48.0	20.0	50.0		96.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.5	70-130			
Matrix Spike (2525112-MS2)				Source:	E506181-	04	Prepared: 0	6/20/25 Anal	yzed: 06/23/25
Gasoline Range Organics (C6-C10)	44.1	20.0	50.0	ND	88.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.5	70-130			
Matrix Spike Dup (2525112-MSD2)				Source:	E506181-	04	Prepared: 0	6/20/25 Anal	yzed: 06/23/25
Gasoline Range Organics (C6-C10)	43.8	20.0	50.0	ND	87.6	70-130	0.781	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.62		8.00		95.3	70-130			

QC Summary Data

Matador Resources, LLC.Project Name:Dagger State TBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo6/26/2025 4:36:16PM

Danas 17, 73240		1 Toject Ivianage	7.5	micy Gloveng	30			0	20/2023 1.30.1011
	Nonha	logenated Or	ganics by l	EPA 8015I	O - DRO	/ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2526036-BLK1)							Prepared: 0	6/23/25 Ana	llyzed: 06/24/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	44.6		50.0		89.1	61-141			
LCS (2526036-BS1)							Prepared: 0	6/23/25 Ana	alyzed: 06/24/25
Diesel Range Organics (C10-C28)	230	25.0	250		92.1	66-144			
Surrogate: n-Nonane	45.1		50.0		90.2	61-141			
Matrix Spike (2526036-MS1)				Source:	E506181-0	04	Prepared: 0	6/23/25 Ana	alyzed: 06/24/25
Diesel Range Organics (C10-C28)	265	25.0	250	ND	106	56-156			
Surrogate: n-Nonane	46.7		50.0		93.4	61-141			
Matrix Spike Dup (2526036-MSD1)				Source:	E506181-0	04	Prepared: 0	6/23/25 Ana	alyzed: 06/24/25
Diesel Range Organics (C10-C28)	271	25.0	250	ND	108	56-156	2.22	20	
Surrogate: n-Nonane	49.0		50.0		98.1	61-141			

Matrix Spike Dup (2526008-MSD1)

Chloride

514

QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager	: 23	agger State TE 3003-0002 shley Gioveng					Reported: 6/26/2025 4:36:16PM
		Anions	by EPA 3	300.0/9056 <i>A</i>	1				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2526008-BLK1)							Prepared: 0	6/23/25 A	analyzed: 06/24/25
Chloride	ND	20.0							
LCS (2526008-BS1)							Prepared: 0	6/23/25 A	nalyzed: 06/24/25
Chloride	259	20.0	250		104	90-110			
Matrix Spike (2526008-MS1)				Source:	E506181-	04	Prepared: 0	6/23/25 A	nalyzed: 06/24/25
Chloride	507	20.0	250	257	99.8	80-120			

250

20.0

Source: E506181-04

103

80-120

1.34

QC Summary Report Comment:

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



Prepared: 06/23/25 Analyzed: 06/24/25

20

Definitions and Notes

Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	06/26/25 16:36

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Chain of Custody

Client Information						Invoice Information						La	b Us	e On	ly			TAT				State		
Client: N	Natador Prod	luction Co	vnganv		Company: Ensolum LLC			la	Lab WO# Job Nun					Num	ber 1D 2D 3D Sto			Std	NM CO UT TX					
	Dagger State							_ F	5	20	181		221	B	m	2				X	X			
	lanager: Asl		engo			City, State, Zip: Carlsbad NM, 88220						. 0						713	sell je		NEW Y	TO INCH	N. Spinor	
						Phone: 575-988-0055				Г	4.54			Ana	lysis	and	Met	hod				EP	A Progra	m
Address: 3122 National Parks Hwy City, State, Zip: Carlsbad NM, 88220					900000	Email: agiovengo@ensolum.com				8				7.110	19313	una	11100	l	_		-	SDWA CWA RCRA		
Phone: 575-988-0055							olum.com													1 1		JUVA	CVVA	HORA
-					IVIISO	Miscellaneous:										1				ΙI		Compliano	e Y	or N
Email: a	giovengo@e	nsolum.co	OIII								3015	3015						10		ΙI		PWSID#	e i i	OI IV
	and the same of the			Cana	-l- l-f						by 8	by 8	021	097	00.0	Σ	ř	etal		ll		PWSID#		
		Sample Information								-	ORO	ORG	λ 8	ıy 82	de 3	-5	500	Σ					Remarks	
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID			Numb Numb		er	DRO/ORO by 8015	GRO/DRO by 8015	втех by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals					Kemarks	
15:00	6/19/2025	S	1	SS08-0 ¹				(Q.						Х						4.9			
15:04	6/19/2025	S	1			SS08-1'			2							х						4.7		
13:12	6/19/2025	S	1		SS09-0'				3							Х						5,0		
13:14	6/19/2025	S	1	SS09-1'			1		4							х						5.1		
11:30	6/19/2025	S	1	SS11-0'				5							х						4.9			
13:30	6/19/2025	S	1	SS11-1'				0							х						4.8			
13:36	6/19/2025	S	1	SS12-0'				7							х						4.6			
14:56	6/19/2025	S	1		SS12-1'		1		8							х						4.9		
13:10	6/19/2025	S	1			SS14-0'			9							х						4.2		
14:46	6/19/2025	S	1			SS14-1'			10							х						4.3		
Addition	al Instructio	ns: Plea	se CC: cbu	ırton@en	solum.com, a	giovengo@ensolum.co	om, chami	lton(@ensol	lum.	.com	n, ies	trell	a@e	nsou	lm.c	om,	bsim	mon	s@er	nsolu	ım.com,		
Land Control of the C					oaderinto@e		952		55			95H								539				
						tampering with or intentionally	y mislabeling th	he sam	ple locati	ion, d	date o	r time	of col	ection	is con	sidere	d frau	d and n	nay be	ground	ds for I	legal action.		
Sampled by:	Aboubaka	r Kone																						
Relinquish	ed by: (Signatur	<u>e</u>)	Date	29/25	Time 7.11	Received by: (Signature)	Parker	Date	20.25	5	Time	15	5			174.	(2)	0.33				st be received of temp above 0		
Relinquished by: (Signature) Date 125.25		Time 1545	Received by: (Signature)	4	Date	20/24		Time	w				Rec	eive	d on i	ice:		ab Us	Jse Only					
					Date	23:25	25 Time 45			-		T1								<u>T3</u>				
Relinquish	ed by: (Signatur	re)	Date		Time	1000 000				Time						AVG Temp °C								
Sample Mat	rix: S - Soil, Sd - S	olid, Sg - Sluc	dge, A - Aque	ous. 0 - Othe	r			Con	tainer Ty	ype:	g - g	glass,	p - p	oly/p	lastic					- VOA	1			A CAR ST
						rangements are made. Haza	ardous sampl															he analysis o	of the abov	e samples is
						liability of the laboratory is																13		

envirotec

	Page
ははないのである。	104 0/373

Cha	:	-10		
Cha	in (OT C	ust	oay

								Custody												
Client Information				Invoice Information					Lab Use Only						Т	AT		State		
Client: N	1atador Prod	uction Co	ompany		Company: Ensolum LLC				Lab WO# Job N					o Number			3D Sto	NM CO UT TX		
Project: Dagger State TB								E506181 8308000						-		X	State NM CO UT TX X			
Project Manager: Ashley Giovengo				City, State, Zip: Carlsh		.0	- 1885								Section 1	Dan Maria				
Address: 3122 National Parks Hwy City, State, Zip: Carlsbad NM, 88220					Phone: 575-988-0055							Analysis and Me				nod	rr	EPA Program		
			88220		Email: agiovengo@	ensolum.com											1 1	SDWA	CWA	RCRA
	75-988-0055				Miscellaneous:								Camaliana	- I v	or N					
Email: a	giovengo@er	nsolum.c	om						3015	3015					- 1	v	1 1	Complianc PWSID #	e r	OF IN
				Sample In	formation			71.77.79	O by	O by 8	8021	3260	300.0	Σ	S-TX	Metal		PVV3ID#		
Time Sampled	Date Sampled	Matrix	No. of Containers	•	Sample ID		Field	Lab lumber	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals			Remarks	
11:27	6/19/2025	S	1		SS10-0'			11						х				4.5		
13:22	6/19/2025	S	1		SS10-1'		1	2						Х				43		
11:37	6/19/2025	S	1		SS13-0'			3						Х				5.1		
13:39	6/19/2025	S	1		SS13-1'			4						Х				50		
						- 1														
		_																		
																		97-		
igonzale	z@ensolum.o oler), attest to the	com. bm validity and	oir@ensol	lum.com. oade	m.com, agiovengo@ensolun erinto@ensolum.com a aware that tampering with or intention					5)		752								
	ed by: (Signature		Date 6/	20/25 Time	Received by: (Signatur	th Parko	Date	20.2	Time	111,	5							must be received o		
1 pipe	ed by: (Signature	Hark	Date	20.25 Time	Received by: (Signatur	g h	Date 6/0		Time					Rece	ived	on ice:	Lab U	Use Only N		
di	ed by: (Signature	70	Pate		35am Received by: (Signatur	7	Date O'a	325	Time	45	-			<u>T1</u>			<u>T2</u>		<u>T3</u>	
Relinquish	ed by: (Signature	e)	Date	Time	Received by: (Signatur	e)	Date		Time			917		4110	_	- 00				
C		-1:4 c- cl-	des A Asuss	ous, 0 - Other			Contai	ner Type	1	alacc	n n	oly/pl		AVG			- VOAT		X I S II D W	

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

Released to Imaging: 9/12/2025 10:59:14 AM

Chain of Custody

Client Information Invoice Informat								mation					Lab Use Only							Stat	e
Client. N	Natador Prod	AND THE PROPERTY OF THE				Company: Ensolum LLC Address: 3122 National Parks Hwy									or		10	TAT	4 100	ALCO LUT	TTVT
	agger State		ompany								ZI	1	1001	Jumber 1D 2D 3D Std					State NM CO UT TX X		
	Manager: Ash		engo		Contract of the Contract of th	y, State, Zip: Carlsbad I		0			10		R5() 2		(3/5)		TO SERVICE				
Address: 3122 National Parks Hwy						one: 575-988-0055				Analysis and Method									PA Progra	am	
	e, Zip: Carlsl					nail: agiovengo@ensolum.com								İ	T				SDWA	CWA	RCRA
	75-988-005				100000	cellaneous:															
Email: a	giovengo@e	nsolum.c	om						7.53	115	115								Complia	nce Y	or N
										by 8(by 80	121	90	0.00	Σ	¥	tals		PWSID :	#]	
				Sample	Information	on				ORO.	ORC	oy 80	y 82	de 3(z نٰ	- 500	8 Me	1 1		Domonic	
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID		Field	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	ВТЕХ by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals			Remarks	
13:03	6/19/2025	S	1			SS15-0'			15						Х				5.0		
14:52	6/19/2025	S	1			SS15-1'			160						Х				51		
											Н			\neg							
														\dashv							
															_						
Addition	al Instruction	ns. Plea	se CC: ch	urton@ensol	um com a	agiovengo@ensolum.co	m. chami	lton@	ensolur	n.cor	n. ies	trell	a@ei	nsoul	m.cc	om. b	osimi	mons@enso	lum.com.		
igonzale	z@ensolum.	com. bm	oir@enso	lum.com. oad	derinto@e	ensolum.com					**		7.7547			100		1800	Net.	`	
, (field sam	pler), attest to the	validity and	dauthenticity	of this sample. I a	am aware that	tampering with or intentionally	mislabeling t	he sampl	e location	date o	or time	of coll	ection	is cons	idered	fraud	and m	ay be grounds fo	r legal action	40	
Sampled by						I- 12 11 15 18 1	W 1 0	Is .		T				-	Cl-		-i +b	rmal preservation n	bi	d on ion the day	*h a a.a
	ed by: (Signatur	ell	Date	129/25 Time	7:11	Received by: (Signature)	Farker	Date .	20:20	5)	115	5		1000				acked in ice at an a	vg temp above		
Relinquish	ed by: (Signatur	e) Kan	Date U	20.25 17	445	Received by: (Signature)	1	Date	ops	Time 17	20				Rece	eived	l on id		Use Only N		
Relinquish	ed by: (Signatur	e)	Date	hiks E	235am	Received by: (Signature)		Date (0.2	3:25	Lime (O	15				T1			T2		<u>T3</u>	
Relinquish	ed by: (Signatur	e)	Date	Tim		Received by: (Signature)		Date		Time					AVG	Tem	np °C				
	rix: S - Soil, Sd - S	-1:-1 C- Cl-						10000		1		-					- P -	ss, v - VOA			



envirotechis

envirotechis

Printed: 6/23/2025 11:56:28AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

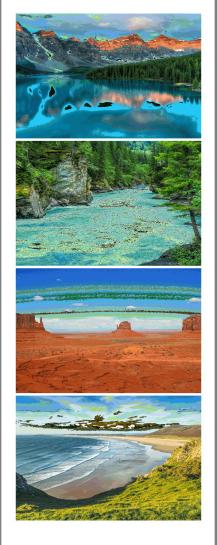
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Matador Resources, LLC.	Date Received:	06/23/25	06:45	Work Order ID:	E506181
Phone:	(972) 371-5200	Date Logged In:	06/20/25	13:28	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	06/27/25	17:00 (4 day TAT)		
Chain of	Custody (COC)					
	ne sample ID match the COC?		Yes			
	ne number of samples per sampling site location ma	tch the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: Courier		
	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes			
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss		Yes		<u>Comment</u>	s/Resolution
Sample T	Curn Around Time (TAT)					
	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			
	were custody/security seals intact?		NA			
	e sample received on ice?					
	Note: Thermal preservation is not required, if samples at 15 minutes of sampling		Yes	·		
	OC for individual sample temps. Samples outside of	of 0°C-6°C will be	recorded	in comments.		
	Container 1 12 12		3.7			
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA 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			
Field Lab						
	field sample labels filled out with the minimum inf ample ID?	ormation:	Yes			
	eate/Time Collected?					
	ollectors name?		Yes Yes			
Sample F	reservation		103			
	the COC or field labels indicate the samples were p	reserved?	No			
	ample(s) correctly preserved?		NA			
	filtration required and/or requested for dissolved m	etals?	No			
	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 anal		NA			
		, 200.	INA			
	act Laboratory	0	3.7			
	amples required to get sent to a subcontract laborator subcontract laboratory specified by the client and it	•	No NA	Subcontract Lab: NA		
Client In	<u>nstruction</u>					

envirotech Inc.

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: Dagger State TB

Work Order: E506182

Job Number: 23003-0002

Received: 6/23/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/27/25

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

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

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

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

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

Date Reported: 6/27/25

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

Project Name: Dagger State TB

Workorder: E506182

Date Received: 6/23/2025 6:45:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/23/2025 6:45:00AM, under the Project Name: Dagger State TB.

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

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues 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
BH01-0'	6
BH01-0.5'	7
BH01-1'	8
BH01-3'	9
BH02-0'	10
BH02-0.5'	11
BH02-1'	12
BH02-2'	13
BH02-4'	14
BH02-6'	15
BH02-8'	16
BH03-0'	17
BH03-0.5'	18
BH03-1'	19
BH03-3'	20
BH03-5'	21
BH03-7'	22
BH04-0'	23
BH04-0.5'	24
BH04-1'	25

Table of Contents (continued)

QC Summary Data	26
QC - Volatile Organics by EPA 8021B	26
QC - Nonhalogenated Organics by EPA 8015D - GRO	27
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	28
QC - Anions by EPA 300.0/9056A	29
Definitions and Notes	30
Chain of Custody etc.	31

Sample Summary

ſ	Matador Resources, LLC.	Project Name:	Dagger State TB	Reported:
l	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
l	Dallas TX, 75240	Project Manager:	Ashley Giovengo	06/27/25 11:22

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01-0'	E506182-01A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
BH01-0.5'	E506182-02A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
BH01-1'	E506182-03A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
BH01-3'	E506182-04A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
BH02-0'	E506182-05A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
BH02-0.5'	E506182-06A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
BH02-1'	E506182-07A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
BH02-2'	E506182-08A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
BH02-4'	E506182-09A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
BH02-6'	E506182-10A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
BH02-8'	E506182-11A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
BH03-0'	E506182-12A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
BH03-0.5'	E506182-13A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
BH03-1'	E506182-14A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
BH03-3'	E506182-15A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
BH03-5'	E506182-16A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
BH03-7'	E506182-17A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
BH04-0'	E506182-18A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
BH04-0.5'	E506182-19A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
BH04-1'	E506182-20A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/27/2025 11:22:05AM

BH01-0' E506182-01

E300182-01								
Reporting								
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: BA		Batch: 2525113		
Benzene	0.289	0.125	5	06/20/25	06/24/25			
Ethylbenzene	5.47	0.125	5	06/20/25	06/24/25			
Toluene	5.35	0.125	5	06/20/25	06/24/25			
o-Xylene	6.78	0.125	5	06/20/25	06/24/25			
p,m-Xylene	16.1	0.250	5	06/20/25	06/24/25			
Total Xylenes	22.9	0.125	5	06/20/25	06/24/25			
Surrogate: 4-Bromochlorobenzene-PID		108 %	70-130	06/20/25	06/24/25			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: BA		Batch: 2525113		
Gasoline Range Organics (C6-C10)	307	100	5	06/20/25	06/24/25			
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.2 %	70-130	06/20/25	06/24/25			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2526025		
Diesel Range Organics (C10-C28)	30400	1250	50	06/23/25	06/25/25	Т9		
Oil Range Organics (C28-C36)	10600	2500	50	06/23/25	06/25/25			
Surrogate: n-Nonane		284 %	61-141	06/23/25	06/25/25	S5		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2526009		
Chloride	601	20.0	1	06/23/25	06/23/25			

Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/27/2025 11:22:05AM

BH01-0.5'

E506182-02						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2525113
Benzene	ND	0.0250	1	06/20/25	06/24/25	
Ethylbenzene	0.0255	0.0250	1	06/20/25	06/24/25	
Toluene	0.0320	0.0250	1	06/20/25	06/24/25	
o-Xylene	0.0428	0.0250	1	06/20/25	06/24/25	
o,m-Xylene	0.0854	0.0500	1	06/20/25	06/24/25	
Total Xylenes	0.128	0.0250	1	06/20/25	06/24/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2525113
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.2 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2526025
Diesel Range Organics (C10-C28)	32.8	25.0	1	06/23/25	06/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/25/25	
Surrogate: n-Nonane		98.1 %	61-141	06/23/25	06/25/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2526009
Chloride	36.1	20.0	1	06/23/25	06/23/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/27/2025 11:22:05AM

BH01-1'

E506182-03	
Reporting	

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2525113
Benzene	ND	0.0250	1	06/20/25	06/24/25	
Ethylbenzene	0.0267	0.0250	1	06/20/25	06/24/25	
Toluene	0.0822	0.0250	1	06/20/25	06/24/25	
o-Xylene	0.0611	0.0250	1	06/20/25	06/24/25	
p,m-Xylene	0.117	0.0500	1	06/20/25	06/24/25	
Total Xylenes	0.178	0.0250	1	06/20/25	06/24/25	
Surrogate: 4-Bromochlorobenzene-PID		98.5 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2525113
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2526025
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/25/25	
Surrogate: n-Nonane		89.4 %	61-141	06/23/25	06/25/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2526009
· · · · · · · · · · · · · · · · · · ·						

Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/27/2025 11:22:05AM

BH01-3'

E50	61	22	ΩA
E50	OΙ	04.	-U4

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2525113
Benzene	ND	0.0250	1	06/20/25	06/24/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/24/25	
Toluene	ND	0.0250	1	06/20/25	06/24/25	
o-Xylene	ND	0.0250	1	06/20/25	06/24/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/24/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/24/25	
Surrogate: 4-Bromochlorobenzene-PID		99.6 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2525113
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	Analyst: NV		Batch: 2526025
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/26/25	
Surrogate: n-Nonane		88.9 %	61-141	06/23/25	06/26/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2526009
Chloride	ND	20.0	1	06/23/25	06/23/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/27/2025 11:22:05AM

BH02-0'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: BA		Batch: 2525113
Benzene	0.344	0.125	5	06/20/25	06/24/25	
Ethylbenzene	5.99	0.125	5	06/20/25	06/24/25	
Toluene	7.22	0.125	5	06/20/25	06/24/25	
o-Xylene	7.28	0.125	5	06/20/25	06/24/25	
p,m-Xylene	17.1	0.250	5	06/20/25	06/24/25	
Total Xylenes	24.4	0.125	5	06/20/25	06/24/25	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: BA		Batch: 2525113
Gasoline Range Organics (C6-C10)	274	100	5	06/20/25	06/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.6 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2526025
Diesel Range Organics (C10-C28)	16800	500	20	06/23/25	06/25/25	Т9
Oil Range Organics (C28-C36)	5390	1000	20	06/23/25	06/25/25	
Surrogate: n-Nonane		250 %	61-141	06/23/25	06/25/25	S5
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2526009
Chloride	143	20.0	1	06/23/25	06/23/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/27/2025 11:22:05AM

BH02-0.5'

E506182-06						
Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: BA		Batch: 2525113
Benzene	0.234	0.125	5	06/20/25	06/24/25	
Ethylbenzene	7.15	0.125	5	06/20/25	06/24/25	
Toluene	6.40	0.125	5	06/20/25	06/24/25	
o-Xylene	8.60	0.125	5	06/20/25	06/24/25	
p,m-Xylene	21.3	0.250	5	06/20/25	06/24/25	
Total Xylenes	29.9	0.125	5	06/20/25	06/24/25	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: BA		Batch: 2525113
Gasoline Range Organics (C6-C10)	468	100	5	06/20/25	06/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		102 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2526025
Diesel Range Organics (C10-C28)	11500	500	20	06/23/25	06/26/25	Т9
Oil Range Organics (C28-C36)	3270	1000	20	06/23/25	06/26/25	
Surrogate: n-Nonane		275 %	61-141	06/23/25	06/26/25	S5
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2526009
Chloride	275	20.0	1	06/23/25	06/23/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/27/2025 11:22:05AM

BH02-1'

		2000102 0.				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		st: BA	7 mary zect	Batch: 2525113
Benzene	ND	0.0250	1	06/20/25	06/24/25	Butch. 2020113
Ethylbenzene	ND	0.0250	1	06/20/25	06/24/25	
Toluene	ND	0.0250	1	06/20/25	06/24/25	
o-Xylene	ND	0.0250	1	06/20/25	06/24/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/24/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/24/25	
Surrogate: 4-Bromochlorobenzene-PID		98.6 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2525113
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.3 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2526025
Diesel Range Organics (C10-C28)	91.8	25.0	1	06/23/25	06/24/25	
Oil Range Organics (C28-C36)	66.3	50.0	1	06/23/25	06/24/25	
Surrogate: n-Nonane		90.6 %	61-141	06/23/25	06/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2526009
Chloride	ND	20.0	1	06/23/25	06/23/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/27/2025 11:22:05AM

BH02-2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2525113
Benzene	ND	0.0250	1	06/20/25	06/24/25	
Ethylbenzene	0.0537	0.0250	1	06/20/25	06/24/25	
Toluene	0.0925	0.0250	1	06/20/25	06/24/25	
o-Xylene	0.0605	0.0250	1	06/20/25	06/24/25	
p,m-Xylene	0.0818	0.0500	1	06/20/25	06/24/25	
Total Xylenes	0.142	0.0250	1	06/20/25	06/24/25	
Surrogate: 4-Bromochlorobenzene-PID		98.2 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2525113
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.9 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: NV		Batch: 2526025
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/24/25	
Surrogate: n-Nonane		93.1 %	61-141	06/23/25	06/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: DT		Batch: 2526009



Sample Data

Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/27/2025 11:22:05AM

BH02-4'

		E506182-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2525113
Benzene	ND	0.0250	1	06/20/25	06/24/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/24/25	
Toluene	ND	0.0250	1	06/20/25	06/24/25	
o-Xylene	ND	0.0250	1	06/20/25	06/24/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/24/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/24/25	
Surrogate: 4-Bromochlorobenzene-PID		98.6 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2525113
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.4 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2526025
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/24/25	
Surrogate: n-Nonane		93.6 %	61-141	06/23/25	06/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2526009
Chloride	23.2	20.0	1	06/23/25	06/23/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/27/2025 11:22:05AM

BH02-6'

E506182-10

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2525113
Benzene	ND	0.0250	1	06/20/25	06/24/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/24/25	
Toluene	ND	0.0250	1	06/20/25	06/24/25	
o-Xylene	ND	0.0250	1	06/20/25	06/24/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/24/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/24/25	
Surrogate: 4-Bromochlorobenzene-PID		97.6 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2525113
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2526025
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/24/25	
Surrogate: n-Nonane		91.6 %	61-141	06/23/25	06/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2526009
· · · · · · · · · · · · · · · · · · ·	ND	20.0	1	06/23/25	06/23/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/27/2025 11:22:05AM

BH02-8'

	Reporting				
Result	Limit	Dilutio	n Prepared	Analyzed	Notes
mg/kg	mg/kg	An	nalyst: BA		Batch: 2525113
ND	0.0250	1	06/20/25	06/24/25	
ND	0.0250	1	06/20/25	06/24/25	
ND	0.0250	1	06/20/25	06/24/25	
ND	0.0250	1	06/20/25	06/24/25	
ND	0.0500	1	06/20/25	06/24/25	
ND	0.0250	1	06/20/25	06/24/25	
	99.9 %	70-130	06/20/25	06/24/25	
mg/kg	mg/kg	An	nalyst: BA		Batch: 2525113
ND	20.0	1	06/20/25	06/24/25	
	94.8 %	70-130	06/20/25	06/24/25	
mg/kg	mg/kg	An	Analyst: NV		Batch: 2526025
ND	25.0	1	06/23/25	06/24/25	
ND	50.0	1	06/23/25	06/24/25	
	90.7 %	61-141	06/23/25	06/24/25	
		Λ.,	nalyst: DT		Batch: 2526009
mg/kg	mg/kg	All	iaryst. D1		Batch: 2320009
	mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	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 20.0250 MB/kg mg/kg MD 20.0 94.8 % mg/kg ND 25.0 ND 50.0 90.7 %	Result Limit Dilution mg/kg mg/kg Ar 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 20.0 1 94.8 % 70-130 mg/kg mg/kg Ar ND 25.0 1 ND 50.0 1 90.7 % 61-141 61-141	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 06/20/25 ND 0.0250 1 06/20/25 ND 0.0250 1 06/20/25 ND 0.0500 1 06/20/25 ND 0.0250 1 06/20/25 ND 0.0250 1 06/20/25 mg/kg mg/kg Analyst: BA ND 20.0 1 06/20/25 mg/kg mg/kg Analyst: NV ND 25.0 1 06/23/25 ND 50.0 1 06/23/25 ND 50.0 1 06/23/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 06/20/25 06/24/25 ND 0.0500 1 06/20/25 06/24/25 ND 0.0250 1 06/20/25 06/24/25 mg/kg mg/kg Analyst: BA ND 20.0 1 06/20/25 06/24/25 mg/kg mg/kg Analyst: BA ND 20.0 1 06/20/25 06/24/25 mg/kg mg/kg Analyst: NV ND 25.0 1 06/23/25 06/24/25 ND 50.0 1 06/23/25 06/24/25 ND 50.0 1 06/23/25 06/24/25



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/27/2025 11:22:05AM

BH03-0'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2525113
Benzene	ND	0.0250	1	06/20/25	06/26/25	
Ethylbenzene	0.751	0.0250	1	06/20/25	06/26/25	
Toluene	0.427	0.0250	1	06/20/25	06/26/25	
o-Xylene	1.07	0.0250	1	06/20/25	06/26/25	
p,m-Xylene	2.50	0.0500	1	06/20/25	06/26/25	
Total Xylenes	3.57	0.0250	1	06/20/25	06/26/25	
Surrogate: 4-Bromochlorobenzene-PID		23.1 %	70-130	06/20/25	06/26/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2525113
Gasoline Range Organics (C6-C10)	53.8	20.0	1	06/20/25	06/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		19.9 %	70-130	06/20/25	06/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2526025
Diesel Range Organics (C10-C28)	3310	25.0	1	06/23/25	06/24/25	
Oil Range Organics (C28-C36)	1030	50.0	1	06/23/25	06/24/25	
Surrogate: n-Nonane		119 %	61-141	06/23/25	06/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2526009
Chloride	ND	20.0	1	06/23/25	06/23/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/27/2025 11:22:05AM

BH03-0.5'

		E506182-13				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	nalyst: BA		Batch: 2525113
Benzene	ND	0.0250	1	06/20/25	06/24/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/24/25	
Toluene	ND	0.0250	1	06/20/25	06/24/25	
o-Xylene	ND	0.0250	1	06/20/25	06/24/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/24/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/24/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	nalyst: BA		Batch: 2525113
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.2 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	nalyst: NV		Batch: 2526025
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/26/25	
Surrogate: n-Nonane		91.8 %	61-141	06/23/25	06/26/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	nalyst: DT		Batch: 2526009
Chloride	71.8	20.0	1	06/23/25	06/23/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/27/2025 11:22:05AM

BH03-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2525113
Benzene	ND	0.0250	1	06/20/25	06/24/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/24/25	
Toluene	ND	0.0250	1	06/20/25	06/24/25	
o-Xylene	ND	0.0250	1	06/20/25	06/24/25	
o,m-Xylene	ND	0.0500	1	06/20/25	06/24/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/24/25	
Surrogate: 4-Bromochlorobenzene-PID		99.3 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2525113
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.3 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2526025
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/24/25	
Surrogate: n-Nonane		93.6 %	61-141	06/23/25	06/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2526009
	<u> </u>	<u> </u>		<u> </u>		



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/27/2025 11:22:05AM

BH03-3'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	nlyst: BA		Batch: 2525113
Benzene	ND	0.0250	1	06/20/25	06/24/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/24/25	
Toluene	ND	0.0250	1	06/20/25	06/24/25	
o-Xylene	ND	0.0250	1	06/20/25	06/24/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/24/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/24/25	
Surrogate: 4-Bromochlorobenzene-PID		99.7 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2525113
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.4 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2526025
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/24/25	
Surrogate: n-Nonane		94.5 %	61-141	06/23/25	06/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2526009
· · · · · · · · · · · · · · · · · · ·	82.1	20.0		06/23/25	06/23/25	



Chloride

Sample Data

Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/27/2025 11:22:05AM

BH03-5'

E506182-16								
	Reporting							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: BA		Batch: 2525113		
Benzene	ND	0.0250	1	06/20/25	06/24/25			
Ethylbenzene	ND	0.0250	1	06/20/25	06/24/25			
Toluene	ND	0.0250	1	06/20/25	06/24/25			
o-Xylene	ND	0.0250	1	06/20/25	06/24/25			
p,m-Xylene	ND	0.0500	1	06/20/25	06/24/25			
Total Xylenes	ND	0.0250	1	06/20/25	06/24/25			
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	06/20/25	06/24/25			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: BA		Batch: 2525113		
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/24/25			
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	06/20/25	06/24/25			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: NV		Batch: 2526025		
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/24/25			
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/24/25			
Surrogate: n-Nonane		91.8 %	61-141	06/23/25	06/24/25			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: DT		Batch: 2526009		

20.0

67.1

06/23/25

06/23/25



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/27/2025 11:22:05AM

BH03-7'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2525113
Benzene	ND	0.0250	1	06/20/25	06/24/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/24/25	
Toluene	ND	0.0250	1	06/20/25	06/24/25	
o-Xylene	ND	0.0250	1	06/20/25	06/24/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/24/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/24/25	
Surrogate: 4-Bromochlorobenzene-PID		99.9 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2525113
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.3 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2526025
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/24/25	
Surrogate: n-Nonane		98.9 %	61-141	06/23/25	06/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2526009
Chloride	66.1	20.0	1	06/23/25	06/23/25	·



Chloride

Sample Data

Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/27/2025 11:22:05AM

BH04-0'

E506182-18							
Reporting							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: BA		Batch: 2525113	
Benzene	2.12	0.125	5	06/20/25	06/24/25		
Ethylbenzene	10.0	0.125	5	06/20/25	06/24/25		
Toluene	23.2	0.125	5	06/20/25	06/24/25		
o-Xylene	10.3	0.125	5	06/20/25	06/24/25		
p,m-Xylene	26.1	0.250	5	06/20/25	06/24/25		
Total Xylenes	36.5	0.125	5	06/20/25	06/24/25		
Surrogate: 4-Bromochlorobenzene-PID		108 %	70-130	06/20/25	06/24/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: BA		Batch: 2525113	
Gasoline Range Organics (C6-C10)	352	100	5	06/20/25	06/24/25		
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.8 %	70-130	06/20/25	06/24/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2526025	
Diesel Range Organics (C10-C28)	13500	500	20	06/23/25	06/26/25	Т9	
Oil Range Organics (C28-C36)	3990	1000	20	06/23/25	06/26/25		
Surrogate: n-Nonane		256 %	61-141	06/23/25	06/26/25	S5	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	:: DT		Batch: 2526009	

20.0

28.5

06/23/25

06/23/25



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/27/2025 11:22:05AM

BH04-0.5'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: BA		Batch: 2525113
Benzene	ND	0.0250	1	06/20/25	06/24/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/24/25	
Toluene	ND	0.0250	1	06/20/25	06/24/25	
o-Xylene	0.0433	0.0250	1	06/20/25	06/24/25	
p,m-Xylene	0.106	0.0500	1	06/20/25	06/24/25	
Total Xylenes	0.149	0.0250	1	06/20/25	06/24/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: BA		Batch: 2525113
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.8 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2526025
Diesel Range Organics (C10-C28)	402	25.0	1	06/23/25	06/24/25	
Oil Range Organics (C28-C36)	184	50.0	1	06/23/25	06/24/25	
Surrogate: n-Nonane		94.1 %	61-141	06/23/25	06/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2526009
Chloride	ND	20.0	1	06/23/25	06/23/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/27/2025 11:22:05AM

BH04-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2525113
Benzene	ND	0.125	5	06/20/25	06/24/25	
Ethylbenzene	0.712	0.125	5	06/20/25	06/24/25	
Toluene	1.02	0.125	5	06/20/25	06/24/25	
o-Xylene	2.95	0.125	5	06/20/25	06/24/25	
p,m-Xylene	6.99	0.250	5	06/20/25	06/24/25	
Total Xylenes	9.94	0.125	5	06/20/25	06/24/25	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2525113
Gasoline Range Organics (C6-C10)	133	100	5	06/20/25	06/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.5 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2526025
Diesel Range Organics (C10-C28)	3800	25.0	1	06/23/25	06/24/25	Т9
Oil Range Organics (C28-C36)	1250	50.0	1	06/23/25	06/24/25	
Surrogate: n-Nonane		140 %	61-141	06/23/25	06/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2526009
· · · · · · · · · · · · · · · · · · ·	ND	20.0		06/23/25	06/23/25	·



o-Xylene

p,m-Xylene

Total Xylenes

QC Summary Data

Matador Resources, LLC. Dagger State TB Project Name: Reported: Project Number: 5400 LBJ Freeway, Suite 1500 23003-0002 Dallas TX, 75240 Project Manager: Ashley Giovengo 6/27/2025 11:22:05AM **Volatile Organics by EPA 8021B** Analyst: BA Spike Source RPD Reporting Rec Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2525113-BLK1) Prepared: 06/20/25 Analyzed: 06/24/25 ND 0.0250 ND Ethylbenzene 0.0250 ND Toluene 0.0250

Surrogate: 4-Bromochlorobenzene-PID	7.18		8.00	89.8	70-130	
LCS (2525113-BS1)					I	Prepared: 06/20/25 Analyzed: 06/24/25
Benzene	5.73	0.0250	5.00	115	70-130	
Ethylbenzene	5.62	0.0250	5.00	112	70-130	
Toluene	5.69	0.0250	5.00	114	70-130	
o-Xylene	5.50	0.0250	5.00	110	70-130	
p,m-Xylene	11.3	0.0500	10.0	113	70-130	
Total Xylenes	16.8	0.0250	15.0	112	70-130	
Surrogate: 4-Bromochlorobenzene-PID	7.43		8.00	92.9	70-130	

ND

ND

ND

0.0250

0.0500

0.0250

Matrix Spike (2525113-MS1)				Source:	E506182-	05	Prepared: 06/20/25 Analyzed: 06/24/25
Benzene	28.1	0.125	25.0	0.344	111	70-130	
Ethylbenzene	32.3	0.125	25.0	5.99	105	70-130	
Toluene	33.8	0.125	25.0	7.22	106	70-130	
o-Xylene	33.5	0.125	25.0	7.28	105	70-130	
p,m-Xylene	68.9	0.250	50.0	17.1	104	70-130	
Total Xylenes	102	0.125	75.0	24.4	104	70-130	
Surrogate: 4-Bromochlorobenzene-PID	42.2		40.0		106	70-130	

Matrix Spike Dup (2525113-MSD1)				Source: E506182-05			Prepared: 06	5/20/25 Analyzed: 06/24/25	
Benzene	28.8	0.125	25.0	0.344	114	70-130	2.36	27	
Ethylbenzene	32.9	0.125	25.0	5.99	108	70-130	1.94	26	
Toluene	34.5	0.125	25.0	7.22	109	70-130	1.99	20	
o-Xylene	34.2	0.125	25.0	7.28	108	70-130	2.09	25	
p,m-Xylene	70.2	0.250	50.0	17.1	106	70-130	1.86	23	
Total Xylenes	104	0.125	75.0	24.4	107	70-130	1.93	26	
Surrogate: 4-Bromochlorobenzene-PID	42.5		40.0		106	70-130			

Surrogate: 1-Chloro-4-fluorobenzene-FID

40.1

QC Summary Data

Matador Resources, LLC.Project Name:Dagger State TBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo6/27/2025 11:22:05AM

Dallas TX, 75240		Project Manage	r: As	hley Gioveng	go			6/2	7/2025 11:22:05AM
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO			Analyst: BA
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2525113-BLK1)							Prepared: 0	6/20/25 Anal	yzed: 06/24/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.5	70-130			
LCS (2525113-BS2)							Prepared: 0	6/20/25 Anal	yzed: 06/24/25
Gasoline Range Organics (C6-C10)	49.7	20.0	50.0		99.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.83		8.00		97.9	70-130			
Matrix Spike (2525113-MS2)				Source:	E506182-	05	Prepared: 0	6/20/25 Anal	yzed: 06/24/25
Gasoline Range Organics (C6-C10)	495	100	250	274	88.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	39.7		40.0		99.3	70-130			
Matrix Spike Dup (2525113-MSD2)				Source:	E506182-	05	Prepared: 0	6/20/25 Anal	yzed: 06/24/25
Gasoline Range Organics (C6-C10)	513	100	250	274	95.6	70-130	3.51	20	

100

70-130

QC Summary Data

Matador Resources, LLC.Project Name:Dagger State TBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo6/27/2025 11:22:05AM

Result mg/kg mg/	Dallas TX, 75240		Project Manager	r: As	shley Gioveng	go			6/27/	2025 11:22:05AM
Result R		Nonha	logenated Or	ganics by	EPA 80151	D - DRO	/ORO		A	nalyst: NV
Prepared: 06/23/25 Analyzed: 06/23/25	Analyte	Result	, .	•		Rec		RPD		
ND 25.0 ND 25.0 ND 50.0 Surrogate: n-Nonane 46.4 50.0 92.8 61-141		mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
ND 50.0 Source: Range Organics (C28-C36) ND 50.0 Source: n-Nonane 46.4 50.0 92.8 61-141	Blank (2526025-BLK1)							Prepared: 0	6/23/25 Analy	zed: 06/23/25
CLCS (2526025-BS1) Prepared: 06/23/25 Analyzed: 06/23/25	Diesel Range Organics (C10-C28)	ND	25.0							
Prepared: 06/23/25 Analyzed: 06/23/25	Dil Range Organics (C28-C36)	ND	50.0							
Diesel Range Organics (C10-C28) 258 25.0 250 103 66-144 Surrogate: n-Nonane 46.0 50.0 91.9 61-141 Matrix Spike (2526025-MS1) Source: E506182-05 Prepared: 06/23/25 Analyzed: 06/25/25 Diesel Range Organics (C10-C28) 15300 500 250 16800 NR 56-156 56-141 530 Matrix Spike Dup (2526025-MSD1) Source: E506182-05 Prepared: 06/23/25 Analyzed: 06/25/25 Matrix Spike Dup (2526025-MSD1) Source: E506182-05 Prepared: 06/23/25 Analyzed: 06/25/25 Diesel Range Organics (C10-C28) 16000 500 250 16800 NR 56-156 4.92 20 M4	Surrogate: n-Nonane	46.4		50.0		92.8	61-141			
Matrix Spike (2526025-MS1) Source: E506182-05 Prepared: 06/23/25 Analyzed: 06/25/25 Diesel Range Organics (C10-C28) 15300 500 250 16800 NR 56-156 M4 Surrogate: n-Nonane 118 50.0 236 61-141 83 Matrix Spike Dup (2526025-MSD1) Source: E506182-05 Prepared: 06/23/25 Analyzed: 06/25/25 Diesel Range Organics (C10-C28) 16000 500 250 16800 NR 56-156 4.92 20 M4	LCS (2526025-BS1)							Prepared: 0	6/23/25 Analy	zed: 06/23/25
Matrix Spike (2526025-MS1) Source: E506182-05 Prepared: 06/23/25 Analyzed: 06/25/25 Diesel Range Organics (C10-C28) 15300 500 250 16800 NR 56-156 M4 Surrogate: n-Nonane 118 50.0 236 61-141 S Matrix Spike Dup (2526025-MSD1) Source: E506182-05 Prepared: 06/23/25 Analyzed: 06/25/25 Diesel Range Organics (C10-C28) 1600 500 250 16800 NR 56-156 4.92 20 M4	Diesel Range Organics (C10-C28)	258	25.0	250		103	66-144			
Diesel Range Organics (C10-C28) 15300 500 250 16800 NR 56-156 M4 Surrogate: n-Nonane 118 50.0 236 61-141 S5 Matrix Spike Dup (2526025-MSD1) Source: E506182-05 Prepared: 06/23/25 Analyzed: 06/25/25 Diesel Range Organics (C10-C28) 16000 500 250 16800 NR 56-156 4.92 20 M4	Surrogate: n-Nonane	46.0		50.0		91.9	61-141			
Source Surrogate: n-Nonane 118 50.0 236 61-141 S3 Matrix Spike Dup (2526025-MSD1) Source: E506182-05 Prepared: 06/23/25 Analyzed: 06/25/25 Diesel Range Organics (C10-C28) 16000 500 250 16800 NR 56-156 4.92 20 M4	Matrix Spike (2526025-MS1)				Source:	Source: E506182-05			6/23/25 Analy	zed: 06/25/25
Matrix Spike Dup (2526025-MSD1) Source: E506182-05 Prepared: 06/23/25 Analyzed: 06/25/25 Diesel Range Organics (C10-C28) 16000 500 250 16800 NR 56-156 4.92 20 M4	Diesel Range Organics (C10-C28)	15300	500	250	16800	NR	56-156			M4
Diesel Range Organics (C10-C28) 16000 500 250 16800 NR 56-156 4.92 20 M4	Surrogate: n-Nonane	118		50.0		236	61-141			S5
	Matrix Spike Dup (2526025-MSD1)				Source:	E506182-	05	Prepared: 0	6/23/25 Analy	zed: 06/25/25
Surrogate: n-Nonane 120 50.0 240 61-141 S5	Diesel Range Organics (C10-C28)	16000	500	250	16800	NR	56-156	4.92	20	M4
	Surrogate: n-Nonane	120		50.0		240	61-141			S5

Matrix Spike Dup (2526009-MSD1)

Chloride

372

QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager	23	agger State TF 3003-0002 shley Gioveng				(Reported: 5/27/2025 11:22:05AM
		Anions	by EPA 3	600.0/9056 <i>A</i>	1				Analyst: DT
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2526009-BLK1)							Prepared: 0	6/23/25 Ar	nalyzed: 06/23/25
Chloride	ND	20.0							
LCS (2526009-BS1)							Prepared: 0	6/23/25 Ar	nalyzed: 06/23/25
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2526009-MS1)				Source:	E506182-	05	Prepared: 0	6/23/25 Ar	nalyzed: 06/23/25
Chloride	400	20.0	250	143	103	80-120			

250

20.0

Source: E506182-05

91.7

80-120

7.32

143

QC Summary Report Comment:

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



Prepared: 06/23/25 Analyzed: 06/23/25

20

Definitions and Notes

ſ	Matador Resources, LLC.	Project Name:	Dagger State TB	
١	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
١	Dallas TX, 75240	Project Manager:	Ashley Giovengo	06/27/25 11:22

Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The M4 associated LCS spike recovery was acceptable.

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

T9 DRO includes undifferentiated early eluting analytes characteristic of GRO.

Analyte NOT DETECTED at or above the reporting limit ND

Not Reported NR

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



envirotech Analytical Laboratory

Client Information Invoice Information Lab Use Only TAT State Company: Ensolum LLC Job Number 1D 2D 3D Std NM CO UT TX Client: Matador Production Company Lab WO# E500187 Address: 3122 National Parks Hwy 13003.0002 Project Name: Dagger State TB Project Manager: Ashley Giovengo City, State, Zip: Carlsbad NM, 88220 Phone: 575-988-0055 Analysis and Method **EPA Program** Address: 3122 National Parks Hwy City, State, Zip: Carlsbad NM, 88220 **SDWA CWA RCRA** Email: agiovengo@ensolum.com Phone: 575-988-0055 Miscellaneous: or Email: agiovengo@ensolum.com Compliance Y GRO/DRO by 8015 PWSID # Chloride 300.0 RCRA 8 Metals BTEX by 8021 TCEQ 1005 - TX VOC by 8260 Σ Sample Information BGDOC - TX Temp Remarks Lab Time No. of Date Sampled Matrix Sample ID Number Sampled 6/19/2025 1037 X BH01 - 0' 1 6/19/2025 1046 X S BH01 - 0.5' 1 1048 6/19/2025 S BH01 - 1' X 1 6/19/2025 1056 X S 1 BH01 - 3' 1118 6/19/2025 X S 1 BH02 - 0' 6/19/2025 1126 1.3 X S BH02 - 0.5" 0 1 6/19/2025 1128 X S 1 BH02 - 1' 6/19/2025 1132 X S 1 BH02 - 2' 9 1137 6/19/2025 BH02 - 4' X S 1 1714 6/19/2025 BH02 - 6' X 1 Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, imccauley@ensolum.com, akone@ensolum.com, igonzalezz@ensolum.com, jhinkle@ensolum.com I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Jarad McCauley Relinquished by: (Signature) Received by: (Signature) Samples requiring thermal 06/20/25 preservation must be received on Received by: (Signature) Relinguished by: (Signature) ice the day they are sampled or received packed on ice at a temp Relinquished by: (Signature) Received by: (Signature) above 0 but less than 6°C on subsequent days. Relinquished by: (Signature) Received by: (Signature) Lab Use Only Received on ice: Relinquished by: (Signature) Date Time Received by: (Signature) Date (Y/)N Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above

samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

	Clie	nt Inforn	nation		Inve	oice Information			L	ab Us	se On	ly				TAT		
Client:	Matador Prod	2000 Sallinia de Allaco II. Octo	ALL PARTY OF THE P		Company: Ens	olum LLC		Lab_W(O#		Job I	Numl	ber		1D 20	36	Std	NN
	Name: Day					National Parks Hwy		ESO	018	7	731	200	300				Х	X
Project	Manager: As	hley Giov	vengo		City, State, Zip:	Carlsbad NM, 8822	0										21 1	
Address	: 3122 Natio	nal Parks	Hwy		Phone: 575-9	88-0055					Ana	lysis	and	Meth	od			E
City, Sta	te, Zip: Carls	bad NM,	88220		Email: agiove	ngo@ensolum.com												SDWA
Phone:	575-988-005	5			Miscellaneous:					1							1	
Email: a	agiovengo@e	nsolum.	com					1 2	15								1	Complia
								00	8 / 8	21	9	0.0	×	tals				PWSID :
	-			Sample Info	rmation				8	y 80	/ 82E	Je 30	- 500	Me Me	N N	ř		e d
Time Sampled	Date Sampled	Matrix	No. of Containers	_	Sample ID		Field Nn T	ab Somber 2	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX		Samle Temp
1729	6/19/2025	S	1		BH02 - 8'		1	(×	(51
1331	6/19/2025	S	1		BH03 - 0'		1:	2							×	(5.2
1334	6/19/2025	S	1		BH03 - 0.5'		1.	3							>	(51
1337	6/19/2025	S	1		BH03 - 1'		(4							>			4.5
1344	6/19/2025	s	1		BH03 - 3'		19	5							>	(4.3
1701	6/19/2025	S	1		BH03 - 5'			0							>	(4.5
1809	6/19/2025	S	1		BH03 - 7'		1	7							>	(5.1
1353	6/19/2025	S	1		BH04 - 0'		(3							>	(4.9
1357	6/19/2025	S	1		BH04 - 0.5'		-	9							>	(4.6
1407	6/19/2025	S	1		BH04 - 1'		2	O							>	(4.8
jmccau I, (field sar Sampled b	ley@ensolun npler), attest to th y:Jarad McCa	n.com, al ne validity an uley	kone@en	solum.com, igon y of this sample. I am a	zalezz@ensolum.c	@ensolum.com, iest om, jhinkle@ensolu or intentionally mislabeling	rella@er ım.com the sample l	solum.									ounds fo	m.com,
M	hed by: (Signatu			Date 06/20/25	11:15	Received by: (Signatur	nn H	arka	Dat	22	102	5	Time	11	15		pre	Samples i servation the day
	hed by: (Signatu	pun f	tarker	16.20.25	5 1645	Received by: (Signatur	Zal	1	C		h	F		1Z0)		rec	eived pac
Relinquis	bed by: <u>(Sig</u> natu	Tel L	1	bluks	Time 1235am		to		Cat	2	32	5	Co	40	5		-	bove 0 bi
Relinquis	hed by: (Signatu	re)		Date [*]	Time	Received by: (Signatu	re)		Dat	е			Time					Lal
Relinquis	hed by: (Signatu	ire)		Date	Time	Received by: (Signatu	re)		Dat	e			Time					Rec

Printed: 6/23/2025 11:57:48AM

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.

Sample Turn Around Time (TAT) 6. Did the COC indicate standard TAT, or Expedited TAT? Sample Cooler 7. Was a sample cooler received? 9. Was the sample(s) received in good condition? 9. Was the sample(s) received intact, i.e., not broken? 10. Were custody/security seals present? 11. If yes, were custody/security seals intact? 12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments. Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Is the appropriate volume/weight or number of sample containers collected? 20. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? No Multiphase Sample Matrix	Caitlin Mars
Chain of Custody (COC) 1. Does the sample ID match the COC? 2. Does the number of samples per sampling site location match the COC 3. Were samples dropped off by client or carrier? 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? 5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e. Is minute hold time, are not included in this disuscision. Sample Turn Around Time (TAT) 6. Did the COC indicate standard TAT, or Expedited TAT? 7. Was a sample cooler received? 7. Was a sample cooler received? 8. If yes, was cooler received in good condition? 9. Was the sample coreceived in good condition? 10. Were custody/security seals present? 11. If yes, were custody/security seals intact? 12. Was the sample received on ice? 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments. Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples present? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Date/Time Collected? 20. Were field sample labels filled out with the minimum information: Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No Multiphase Sample Matrix.	
1. Does the sample ID match the COC? 2. Does the number of samples per sampling site location match the COC 2. Does the number of samples per sampling site location match the COC 3. Were samples dropped off by client or carrier? 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? 5. Were all samples received within holding time? 6. Were all samples received within holding time? 7. Note: Analysis, such as plt which should be conducted in the field, i.e., 15 minute hold time, are not included in this disuession. Sample Turn Around Time (TAT) 6. Did the COC indicates tandard TAT, or Expedited TAT? Sample Cooler 7. Was a sample cooler received? 8. If yes, was cooler received in good condition? 9. Was the sample (s) received intact, i.e., not broken? 9. Was the sample (s) received intact, i.e., not broken? 10. Were custody/security seals present? 11. If yes, were custody/security seals intact? 12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments. Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers ollected? 19. Sample ID? Date Time Collected? 20. Were field sample labels filled out with the minimum information: Sample ID? Date Time Collected? 20. Were field sample labels indicate the samples were preserved? 3. No. 3. Analyse of the discovery of the correct preserved? 3. No. 3. Analyse of the correct preserved? 3. No. 3. Analyse of the correct preserved? 3. No. 3. Analyse of the correct preserved? 3. No. 3. Analyse of the correct preserved? 3. No. 3. Analyse of the corrective preserved? 3. No. 3. Analyse of the corrective preserved?	
3. Were samples dropped off by client or carrier? 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? 5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e. 15 minute hold time, are not included in this discussion. Sample Turn Around Time (TAT) 6. Did the COC indicate standard TAT, or Expedited TAT? 7. Was a sample cooler received? 8. If yes, was cooler received in good condition? 9. Was the sample(s) received intact, i.e., not broken? 10. Were custody/security seals present? 11. If yes, were custody/security seals intact? 12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments. Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Were field sample labels filled out with the minimum information: Sample ID? Out Were field sample labels filled out with the minimum information: Sample ID? 20. Were field sample labels indicate the samples were preserved? No 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? No Multiphase Sample Matrix.	
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? 5. Were all Samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this disuession. Sample Turn Around Time (TAT) 6. Did the COC indicate standard TAT, or Expedited TAT? Sample Cooler 7. Was a sample cooler received? 8. If yes, was cooler received in good condition? 9. Was the sample(s) received intact, i.e., not broken? 10. Were custody/security seals present? 11. If yes, were custody/security seals intact? 12. Was the sample received on ice? No: Thermal preservation is not required, if samples are received within 15 minutes of sampling 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments. Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 20. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? Yes Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No Multiphase Sample Matrix	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e. 15 minute hold time, are not niculed in this dissussion. Sample Turn Around Time (TAT) 6. Did the COC indicate standard TAT, or Expedited TAT? Sample Cooler Sample Cooler Sample cooler received? 9. Was sa sample cooler received in good condition? 9. Was sthe sample(s) received intact, i.e., not broken? 10. Were custody/security seals present? 10. Were custody/security seals intact? 11. If yes, were custody/security seals intact? 12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments. Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 20. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? 21. Does the COC or field labels indicate the samples were preserved? No. Multiphase Sample Matrix No. Multiphase Sample Matrix	
Note: Analysis, such as pH which should be conducted in the field, i.e. 15 minute hold time, are not included in this discussion. Sample Turn Around Time (TAT) 6. Did the COC indicate standard TAT, or Expedited TAT? Sample Cooler 7. Was a sample cooler received? 8. If yes, was cooler received in good condition? 9. Was the sample(s) received intact, i.e., not broken? 10. Were custody/security seals present? 11. If yes, were custody/security seals intact? 12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments. Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Date Time Collected? Collectors name? 20. Were field sample labels filled out with the minimum information: Sample ID? Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? 22. Are sample(s) correctly preserved? 34. Is lab filtration required and/or requested for dissolved metals? 35. Multiphase Sample Matrix	
6. Did the COC indicate standard TAT, or Expedited TAT? Sample Cooler 7. Was a sample cooler received? 8. If yes, was cooler received in good condition? 9. Was the sample(s) received intact, i.e., not broken? 10. Were custody/security seals present? 11. If yes, were custody/security seals intact? 12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments. Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Is the appropriate volume/weight or number of sample containers collected? 20. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? NA Multiphase Sample Matrix	ts/Resolution
7. Was a sample cooler received? 8. If yes, was cooler received in good condition? 9. Was the sample(s) received intact, i.e., not broken? 9. Was the sample(s) received intact, i.e., not broken? 10. Were custody/security seals present? 10. Were custody/security seals intact? 11. If yes, were custody/security seals intact? 12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments. **Sample Container** 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? NA 16. Is the head space less than 6-8 mm (pea sized or less)? NA 17. Was a trip blank (TB) included for VOC analyses? NA 18. Are non-VOC samples collected in the correct containers? Yes 19. Is the appropriate volume/weight or number of sample containers collected? Yes **Field Label** 20. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Yes Collectors name? 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? NA **Multiphase Sample Matrix**	3 has been
8. If yes, was cooler received in good condition? 9. Was the sample(s) received intact, i.e., not broken? 10. Were custody/security seals present? 11. If yes, were custody/security seals intact? 12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments. **Sample Container** 14. Are aqueous VOC samples present? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Outer field Label 20. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? **Yes** **Date/Time Collected? Collectors name? **Yes** **Sample Preservation** 21. Does the COC or field labels indicate the samples were preserved? NA **NA **NA **Mathiphase Sample Matrix** **NA **Mathiphase Sample Matrix** **Mathiphase Sample Matrix** **No **Na . WOs are E506182	
9. Was the sample(s) received intact, i.e., not broken? 10. Were custody/security seals present? No 11. If yes, were custody/security seals intact? NA 12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments. Sample Container 14. Are aqueous VOC samples present? No 15. Are VOC samples collected in VOA Vials? NA 16. Is the head space less than 6-8 mm (pea sized or less)? NA 17. Was a trip blank (TB) included for VOC analyses? NA 18. Are non-VOC samples collected in the correct containers? Yes 19. Is the appropriate volume/weight or number of sample containers collected? Yes 19. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? Yes Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? No Multiphase Sample Matrix	
10. Were custody/security seals present? 11. If yes, were custody/security seals intact? 12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments. Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? 10. Does the COC or field labels indicate the samples were preserved? 11. Does the COC or field labels indicate the samples were preserved? 12. Are sample(s) correctly preserved? NA Multiphase Sample Matrix	
11. If yes, were custody/security seals intact? NA 12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments. Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? 20. Were field sample labels indicate the samples were preserved? No 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? No Multiphase Sample Matrix	
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments. Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? 11. Does the COC or field labels indicate the samples were preserved? 12. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? No Multiphase Sample Matrix	
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments. Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? NA 17. Was a trip blank (TB) included for VOC analyses? NA 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? 11. Does the COC or field labels indicate the samples were preserved? 12. Does the COC or field labels indicate the samples were preserved? No 12. Are sample(s) correctly preserved? No Multiphase Sample Matrix	
Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? 11. Does the COC or field labels indicate the samples were preserved? 22. Are sample(s) correctly preserved? No Multiphase Sample Matrix.	
14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? Field Label 20. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? Yes Collectors name? 10. Does the COC or field labels indicate the samples were preserved? No 21. Does the COC or field labels indicate the samples were preserved? No Multiphase Sample Matrix	
15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? Field Label 20. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? Yes Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? No Multiphase Sample Matrix	
16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? 10. Does the COC or field labels indicate the samples were preserved? 11. Does the COC or field labels indicate the samples were preserved? 12. Are sample(s) correctly preserved? No 13. Is lab filtration required and/or requested for dissolved metals? No Multiphase Sample Matrix	
17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? Field Label 20. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? Yes Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? No Multiphase Sample Matrix	
18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? Field Label 20. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? Yes Collectors name? Yes Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? NA 24. Is lab filtration required and/or requested for dissolved metals? Multiphase Sample Matrix	
19. Is the appropriate volume/weight or number of sample containers collected? Field Label 20. Were field sample labels filled out with the minimum information: Sample ID? Yes Date/Time Collected? Yes Collectors name? Yes Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? NA 24. Is lab filtration required and/or requested for dissolved metals? No Multiphase Sample Matrix	
Field Label 20. Were field sample labels filled out with the minimum information: Sample ID? Sample ID? Yes Date/Time Collected? Collectors name? Yes Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? NA 24. Is lab filtration required and/or requested for dissolved metals? No Multiphase Sample Matrix	
20. Were field sample labels filled out with the minimum information: Sample ID? Yes Date/Time Collected? Yes Collectors name? Yes Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? NA 24. Is lab filtration required and/or requested for dissolved metals? No Multiphase Sample Matrix	
Collectors name? Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? NA 24. Is lab filtration required and/or requested for dissolved metals? No Multiphase Sample Matrix	
Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? 22. Are sample(s) correctly preserved? 24. Is lab filtration required and/or requested for dissolved metals? Multiphase Sample Matrix	
21. Does the COC or field labels indicate the samples were preserved? 22. Are sample(s) correctly preserved? 24. Is lab filtration required and/or requested for dissolved metals? No Multiphase Sample Matrix	
22. Are sample(s) correctly preserved? 24. Is lab filtration required and/or requested for dissolved metals? No Multiphase Sample Matrix	
24. Is lab filtration required and/or requested for dissolved metals? No Multiphase Sample Matrix	
Multiphase Sample Matrix	
26. Does the sample have more than one phase, i.e., multiphase?	
27. If yes, does the COC specify which phase(s) is to be analyzed? NA	
Subcontract Laboratory	
28. Are samples required to get sent to a subcontract laboratory? No 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA	
Client Instruction	
	envirotech Inc.

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

Released to Imaging: 9/12/2025 10:59:14 AM

(30	envirotech
	Client
	Client: Matador Produc
	Project Name: D

Chain of Custody

Received by OCD: 8/29/2025 3:51:01 PM

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.

Time

Sampled

1729

1331

1334

1337

1344

1701

1809

1353

1357

1407

Address: 3122 National Parks Hwy

Email: agiovengo@ensolum.com

Date Sampled

6/19/2025

6/19/2025

6/19/2025

6/19/2025

6/19/2025

6/19/2025

6/19/2025

6/19/2025

6/19/2025

6/19/2025

Sampled by: Jarad McCauley

Relinquished by: (Signature)

Phone: 575-988-0055

City, State, Zip: Carlsbad NM, 88220

No of

1

1

1

1

1

1

1

1

1

06/20/25

Date

Matrix

S

5

5

S

S

S

S

S

5

S

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

Invoice Information

Address: 3122 National Parks Hwy

Email: agiovengo@ensolum.com

City, State, Zip: Carlsbad NM, 88220

Company: Ensolum LLC

Phone: 575-988-0055

Miscellaneous:

Sample ID

BH02 - 8'

BH03 - 0'

BH03 - 0.51

BH03 - 1'

BH03 - 3'

BH03 - 5'

BH03 - 7'

BH04 - 0'

BH04 - 0.5'

BH04 - 1'

Time

samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Sample Information

Received by OCD: 8/29/2025 3:51:01 PM

Page 35 of 35

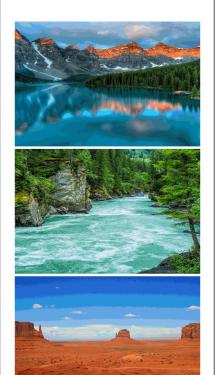
Received by: (Signature)

Received by: (Signature)

Received by: (Signature)

Received by: (Signature)

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: Dagger State TB

Work Order: E506183

Job Number: 23003-0002

Received: 6/23/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/27/25

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

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

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

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

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

Date Reported: 6/27/25

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

Project Name: Dagger State TB

Workorder: E506183

Date Received: 6/23/2025 6:45:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/23/2025 6:45:00AM, under the Project Name: Dagger State TB.

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

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues 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
	BH04-2'	6
	BH04-4'	7
	BH04-6'	8
	BH04-8'	9
	BH05-0'	10
	BH05-0.5'	11
	BH05-1'	12
	BH05-3'	13
	BH05-5'	14
	BH06-0'	15
	BH06-0.5'	16
	BH06-1'	17
	BH06-2'	18
	BH06-4'	19
	BH06-6'	20
(QC Summary Data	21
	QC - Volatile Organics by EPA 8021B	21
	QC - Nonhalogenated Organics by EPA 8015D - GRO	22
	QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	23
	OC - Anions by EPA 300.0/9056A	24

Table of Contents (continued)

Definitions and Notes	25
Chain of Custody etc.	26

Sample Summary

Matador Resources, LLC.	Project Name:	Dagger State TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	06/27/25 13:41

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH04-2'	E506183-01A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
BH04-4'	E506183-02A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
BH04-6'	E506183-03A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
BH04-8'	E506183-04A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
BH05-0'	E506183-05A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
BH05-0.5'	E506183-06A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
BH05-1'	E506183-07A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
BH05-3'	E506183-08A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
BH05-5'	E506183-09A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
BH06-0'	E506183-10A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
BH06-0.5'	E506183-11A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
BH06-1'	E506183-12A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
BH06-2'	E506183-13A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
BH06-4'	E506183-14A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.
BH06-6'	E506183-15A	Soil	06/19/25	06/23/25	Glass Jar, 2 oz.



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/27/2025 1:41:14PM

BH04-2' E506183-01

		E506183-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	:: RKS		Batch: 2525114
Benzene	ND	0.250	10	06/20/25	06/25/25	
Ethylbenzene	7.67	0.250	10	06/20/25	06/25/25	
Toluene	8.74	0.250	10	06/20/25	06/25/25	
o-Xylene	11.2	0.250	10	06/20/25	06/25/25	
p,m-Xylene	30.5	0.500	10	06/20/25	06/25/25	
Total Xylenes	41.7	0.250	10	06/20/25	06/25/25	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	06/20/25	06/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	:: RKS		Batch: 2525114
Gasoline Range Organics (C6-C10)	566	200	10	06/20/25	06/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		112 %	70-130	06/20/25	06/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	:: KH		Batch: 2526028
Diesel Range Organics (C10-C28)	10500	500	20	06/23/25	06/25/25	Т9
Oil Range Organics (C28-C36)	3710	1000	20	06/23/25	06/25/25	
Surrogate: n-Nonane		347 %	61-141	06/23/25	06/25/25	S5
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	:: DT		Batch: 2526010
Chloride	ND	20.0	1	06/24/25	06/24/25	

Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/27/2025 1:41:14PM

BH04-4'

E506183-02						
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2525114
Benzene	ND	0.0250	1	06/20/25	06/25/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/25/25	
Toluene	ND	0.0250	1	06/20/25	06/25/25	
o-Xylene	ND	0.0250	1	06/20/25	06/25/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/25/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/25/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	06/20/25	06/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2525114
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		103 %	70-130	06/20/25	06/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2526028
Diesel Range Organics (C10-C28)	49.7	25.0	1	06/23/25	06/25/25	
Oil Range Organics (C28-C36)	58.9	50.0	1	06/23/25	06/25/25	
Surrogate: n-Nonane		104 %	61-141	06/23/25	06/25/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2526010
Chloride	ND	20.0	1	06/24/25	06/24/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/27/2025 1:41:14PM

BH04-6'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2525114
Benzene	ND	0.0250	1	06/20/25	06/24/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/24/25	
Toluene	ND	0.0250	1	06/20/25	06/24/25	
o-Xylene	ND	0.0250	1	06/20/25	06/24/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/24/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/24/25	
Surrogate: 4-Bromochlorobenzene-PID		97.6 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	Analyst: RKS		Batch: 2525114	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		109 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2526028
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/24/25	
Oil Range Organics (C28-C36)	82.4	50.0	1	06/23/25	06/24/25	
Surrogate: n-Nonane		92.1 %	61-141	06/23/25	06/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2526010
11110115 2 3 22111 0 0 0 0 0 1 1						



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/27/2025 1:41:14PM

BH04-8'

E506183-04

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2525114
Benzene	ND	0.0250	1	06/20/25	06/24/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/24/25	
Toluene	ND	0.0250	1	06/20/25	06/24/25	
o-Xylene	ND	0.0250	1	06/20/25	06/24/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/24/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/24/25	
Surrogate: 4-Bromochlorobenzene-PID		97.8 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2525114
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		108 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2526028
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/24/25	
Oil Range Organics (C28-C36)	56.3	50.0	1	06/23/25	06/24/25	
Surrogate: n-Nonane		93.9 %	61-141	06/23/25	06/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2526010
· · · · · · · · · · · · · · · · · · ·	ND	20.0		06/24/25	06/24/25	



Sample Data

Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/27/2025 1:41:14PM

BH05-0'

		E506183-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2525114
Benzene	0.0651	0.0250	1	06/20/25	06/24/25	
Ethylbenzene	2.03	0.0250	1	06/20/25	06/24/25	
Toluene	1.55	0.0250	1	06/20/25	06/24/25	
o-Xylene	2.35	0.0250	1	06/20/25	06/24/25	
p,m-Xylene	6.07	0.0500	1	06/20/25	06/24/25	
Total Xylenes	8.42	0.0250	1	06/20/25	06/24/25	
Surrogate: 4-Bromochlorobenzene-PID		109 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2525114
Gasoline Range Organics (C6-C10)	163	20.0	1	06/20/25	06/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		121 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2526028
Diesel Range Organics (C10-C28)	4340	25.0	1	06/23/25	06/25/25	Т9
Oil Range Organics (C28-C36)	1260	50.0	1	06/23/25	06/25/25	
Surrogate: n-Nonane		140 %	61-141	06/23/25	06/25/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2526010
Chloride	ND	20.0	1	06/24/25	06/24/25	



Γ	Matador Resources, LLC.	Project Name:	Dagger State TB	
	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
	Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/27/2025 1:41:14PM

BH05-0.5'

		E506183-06				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: RKS		Batch: 2525114
Benzene	ND	0.0250	1	06/20/25	06/24/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/24/25	
Toluene	ND	0.0250	1	06/20/25	06/24/25	
o-Xylene	ND	0.0250	1	06/20/25	06/24/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/24/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/24/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: RKS		Batch: 2525114
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: KH		Batch: 2526028
Diesel Range Organics (C10-C28)	56.9	25.0	1	06/23/25	06/26/25	
Oil Range Organics (C28-C36)	53.2	50.0	1	06/23/25	06/26/25	
Surrogate: n-Nonane		101 %	61-141	06/23/25	06/26/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: DT		Batch: 2526010
Chloride	ND	20.0	1	06/24/25	06/24/25	·



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/27/2025 1:41:14PM

BH05-1'

E506183-07

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: RKS		Batch: 2525114
Benzene	ND	0.0250	1	06/20/25	06/24/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/24/25	
Toluene	ND	0.0250	1	06/20/25	06/24/25	
o-Xylene	ND	0.0250	1	06/20/25	06/24/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/24/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/24/25	
Surrogate: 4-Bromochlorobenzene-PID		109 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: RKS		Batch: 2525114
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		103 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KH		Batch: 2526028
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/24/25	
Oil Range Organics (C28-C36)	53.9	50.0	1	06/23/25	06/24/25	
Surrogate: n-Nonane		97.8 %	61-141	06/23/25	06/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: DT		Batch: 2526010
Chloride	ND	20.0	1	06/24/25	06/24/25	·



Chloride

Sample Data

Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/27/2025 1:41:14PM

BH05-3'

E506183-08						
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2525114
Benzene	ND	0.0250	1	06/20/25	06/24/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/24/25	
Toluene	ND	0.0250	1	06/20/25	06/24/25	
o-Xylene	ND	0.0250	1	06/20/25	06/24/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/24/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/24/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2525114
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2526028
Diesel Range Organics (C10-C28)	52.1	25.0	1	06/23/25	06/24/25	
Oil Range Organics (C28-C36)	67.2	50.0	1	06/23/25	06/24/25	
Surrogate: n-Nonane		97.2 %	61-141	06/23/25	06/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2526010

20.0

65.5

06/24/25

06/24/25



Chloride

Sample Data

Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/27/2025 1:41:14PM

BH05-5'

E506183-09						
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2525114
Benzene	ND	0.0250	1	06/20/25	06/24/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/24/25	
Toluene	ND	0.0250	1	06/20/25	06/24/25	
o-Xylene	ND	0.0250	1	06/20/25	06/24/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/24/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/24/25	
Surrogate: 4-Bromochlorobenzene-PID		98.5 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2525114
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2526028
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/24/25	
Surrogate: n-Nonane		95.7 %	61-141	06/23/25	06/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2526010

20.0

197

06/24/25

06/24/25



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/27/2025 1:41:14PM

BH06-0'

		E506183-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: RKS		Batch: 2525114
Benzene	0.0760	0.0500	2	06/20/25	06/25/25	
Ethylbenzene	2.72	0.0500	2	06/20/25	06/25/25	
Toluene	2.53	0.0500	2	06/20/25	06/25/25	
o-Xylene	3.26	0.0500	2	06/20/25	06/25/25	
p,m-Xylene	7.91	0.100	2	06/20/25	06/25/25	
Total Xylenes	11.2	0.0500	2	06/20/25	06/25/25	
Surrogate: 4-Bromochlorobenzene-PID		109 %	70-130	06/20/25	06/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: RKS		Batch: 2525114
Gasoline Range Organics (C6-C10)	130	40.0	2	06/20/25	06/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		110 %	70-130	06/20/25	06/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KH		Batch: 2526028
Diesel Range Organics (C10-C28)	3700	25.0	1	06/23/25	06/24/25	Т9
Oil Range Organics (C28-C36)	1280	50.0	1	06/23/25	06/24/25	
Surrogate: n-Nonane		142 %	61-141	06/23/25	06/24/25	S5
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: DT		Batch: 2526010
Chloride	ND	20.0	1	06/24/25	06/24/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/27/2025 1:41:14PM

BH06-0.5'

		E506183-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2525114
Benzene	ND	0.0500	2	06/20/25	06/25/25	
Ethylbenzene	0.622	0.0500	2	06/20/25	06/25/25	
Toluene	0.374	0.0500	2	06/20/25	06/25/25	
p-Xylene	0.882	0.0500	2	06/20/25	06/25/25	
o,m-Xylene	2.10	0.100	2	06/20/25	06/25/25	
Total Xylenes	2.98	0.0500	2	06/20/25	06/25/25	
Surrogate: 4-Bromochlorobenzene-PID		110 %	70-130	06/20/25	06/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2525114
Gasoline Range Organics (C6-C10)	53.4	40.0	2	06/20/25	06/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		103 %	70-130	06/20/25	06/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2526028
Diesel Range Organics (C10-C28)	1920	25.0	1	06/23/25	06/24/25	
Oil Range Organics (C28-C36)	725	50.0	1	06/23/25	06/24/25	
Surrogate: n-Nonane		115 %	61-141	06/23/25	06/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2526010
Chloride	ND	20.0	1	06/24/25	06/24/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/27/2025 1:41:14PM

BH06-1'

E506183-12

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2525114
Benzene	ND	0.0250	1	06/20/25	06/24/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/24/25	
Toluene	ND	0.0250	1	06/20/25	06/24/25	
o-Xylene	ND	0.0250	1	06/20/25	06/24/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/24/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/24/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2525114
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2526028
Diesel Range Organics (C10-C28)	90.6	25.0	1	06/23/25	06/24/25	
Oil Range Organics (C28-C36)	99.8	50.0	1	06/23/25	06/24/25	
Surrogate: n-Nonane		100 %	61-141	06/23/25	06/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2526010
· · · · · · · · · · · · · · · · · · ·	ND	20.0		06/24/25	06/25/25	·



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/27/2025 1:41:14PM

BH06-2'

E506183-13

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: RKS		Batch: 2525114
Benzene	ND	0.0250	1	06/20/25	06/24/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/24/25	
Toluene	ND	0.0250	1	06/20/25	06/24/25	
o-Xylene	ND	0.0250	1	06/20/25	06/24/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/24/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/24/25	
Surrogate: 4-Bromochlorobenzene-PID		98.5 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2525114
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		105 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: KH		Batch: 2526028
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/24/25	
Oil Range Organics (C28-C36)	52.9	50.0	1	06/23/25	06/24/25	
Surrogate: n-Nonane		100 %	61-141	06/23/25	06/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: DT		Batch: 2526010
Chloride	ND	20.0	1	06/24/25	06/25/25	



Γ	Matador Resources, LLC.	Project Name:	Dagger State TB	
	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
	Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/27/2025 1:41:14PM

BH06-4'

		E506183-14				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RKS		Batch: 2525114
Benzene	ND	0.0250	1	06/20/25	06/24/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/24/25	
Toluene	ND	0.0250	1	06/20/25	06/24/25	
o-Xylene	ND	0.0250	1	06/20/25	06/24/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/24/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/24/25	
Surrogate: 4-Bromochlorobenzene-PID		96.4 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RKS		Batch: 2525114
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2526028
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/24/25	
Surrogate: n-Nonane		95.0 %	61-141	06/23/25	06/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2526010
Chloride	43.4	20.0	1	06/24/25	06/25/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/27/2025 1:41:14PM

BH06-6'

E506183-15

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RKS		Batch: 2525114
Benzene	ND	0.0250	1	06/20/25	06/24/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/24/25	
Toluene	ND	0.0250	1	06/20/25	06/24/25	
o-Xylene	ND	0.0250	1	06/20/25	06/24/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/24/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/24/25	
Surrogate: 4-Bromochlorobenzene-PID		98.0 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RKS		Batch: 2525114
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130	06/20/25	06/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2526028
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/24/25	
Surrogate: n-Nonane		96.9 %	61-141	06/23/25	06/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2526010
Chloride	246	20.0	1	06/24/25	06/25/25	



Matador Resources, LLC. Dagger State TB Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 Dallas TX, 75240 Project Manager: Ashley Giovengo 6/27/2025 1:41:14PM **Volatile Organics by EPA 8021B** Analyst: RKS RPD Reporting Spike Source Rec Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2525114-BLK1) Prepared: 06/20/25 Analyzed: 06/23/25 ND 0.0250 ND Ethylbenzene 0.0250 ND Toluene 0.0250 ND 0.0250 o-Xylene ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 8.10 8.00 101 70-130 LCS (2525114-BS1) Prepared: 06/20/25 Analyzed: 06/24/25 5.47 5.00 109 70-130 0.0250 Benzene Ethylbenzene 5.45 0.0250 5.00 109 70-130 5.45 70-130 0.0250 5.00 109 Toluene 5.41 108 70-130 o-Xylene 0.0250 5.00 11.1 0.0500 10.0 111 70-130 p,m-Xylene 110 70-130 16.5 0.0250 15.0 Total Xylenes 70-130 8.00 98.2 Surrogate: 4-Bromochlorobenzene-PID 7.86

Matrix Spike (2525114-MS1)				Source:	E506183-)6	Prepared: 06/20/25 Analyzed: 06/24/25
Benzene	5.14	0.0250	5.00	ND	103	70-130	
Ethylbenzene	5.11	0.0250	5.00	ND	102	70-130	
Toluene	5.13	0.0250	5.00	ND	103	70-130	
o-Xylene	5.09	0.0250	5.00	ND	102	70-130	
p,m-Xylene	10.4	0.0500	10.0	ND	104	70-130	
Total Xylenes	15.5	0.0250	15.0	ND	103	70-130	
Surrogate: 4-Bromochlorobenzene-PID	7.97		8.00		99.6	70-130	

Matrix Spike Dup (2525114-MSD1)				Source:	E506183-	06	Prepared: 0	6/20/25	Analyzed: 06/24/25
Benzene	5.51	0.0250	5.00	ND	110	70-130	7.04	27	
Ethylbenzene	5.48	0.0250	5.00	ND	110	70-130	7.03	26	
Toluene	5.49	0.0250	5.00	ND	110	70-130	6.82	20	
o-Xylene	5.46	0.0250	5.00	ND	109	70-130	7.12	25	
p,m-Xylene	11.1	0.0500	10.0	ND	111	70-130	6.82	23	
Total Xylenes	16.6	0.0250	15.0	ND	110	70-130	6.92	26	
Surrogate: 4-Bromochlorobenzene-PID	7.83		8.00		97.9	70-130			

Matador Resources, LLC.	Project Name:	Dagger State TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/27/2025 1:41:14PM

Dallas TX, 75240		Project Manage	r: As	shley Gioveng	go			6/	27/2025 1:41:14PM
	Non	halogenated	Organics	by EPA 80	15D - Gl	RO			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 (2525114-BLK1)							Prepared: 0	6/20/25 Ana	alyzed: 06/23/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.14		8.00		102	70-130			
LCS (2525114-BS2)							Prepared: 0	6/20/25 Ana	lyzed: 06/24/25
Gasoline Range Organics (C6-C10)	46.6	20.0	50.0		93.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.12		8.00		101	70-130			
Matrix Spike (2525114-MS2)				Source:	E506183-	06	Prepared: 0	6/20/25 Ana	lyzed: 06/24/25
Gasoline Range Organics (C6-C10)	49.0	20.0	50.0	ND	98.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.83		8.00		110	70-130			
Matrix Spike Dup (2525114-MSD2)				Source:	E506183-	06	Prepared: 0	5/20/25 Ana	lyzed: 06/24/25
Gasoline Range Organics (C6-C10)	46.6	20.0	50.0	ND	93.2	70-130	5.11	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.58		8.00		107	70-130			



Matador Resources, LLC.Project Name:Dagger State TBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo6/27/20251:41:14PM

Bullus 171, 732 10		r roject ivianage		iney Groveng	50				
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO		A	.nalyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2526028-BLK1)							Prepared: 0	6/23/25 Analy	zed: 06/24/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.8		50.0		99.6	61-141			
LCS (2526028-BS1)							Prepared: 0	6/23/25 Analy	zed: 06/24/25
Diesel Range Organics (C10-C28)	257	25.0	250		103	66-144			
Surrogate: n-Nonane	47.4		50.0		94.7	61-141			S5
Matrix Spike (2526028-MS1)				Source:	E506183-	05	Prepared: 0	6/23/25 Analy	zed: 06/25/25
Diesel Range Organics (C10-C28)	4780	25.0	250	4340	178	56-156			M4
Surrogate: n-Nonane	76.0		50.0		152	61-141			S5
Matrix Spike Dup (2526028-MSD1)				Source:	E506183-	05	Prepared: 0	6/23/25 Analy	zed: 06/25/25
Diesel Range Organics (C10-C28)	5360	25.0	250	4340	410	56-156	11.4	20	M4
Surrogate: n-Nonane	75.0		50.0		150	61-141			S5

Chloride

Chloride

Matrix Spike (2526010-MS1)

Matrix Spike Dup (2526010-MSD1)

Prepared: 06/24/25 Analyzed: 06/24/25

Prepared: 06/24/25 Analyzed: 06/24/25

20

QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500		Project Name: Project Number:		agger State TE 3003-0002	3				Reported:
Dallas TX, 75240		Project Manager:		shley Gioveng	o				6/27/2025 1:41:14PM
		Anions 1	by EPA	300.0/9056A					Analyst: DT
Analyte	Result	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2526010-BLK1)		gg		gg	70	70			nalyzed: 06/24/25
Chloride	ND	20.0							
LCS (2526010-BS1)							Prepared: 0	6/24/25 A	nalyzed: 06/24/25
Chloride	254	20.0	250		101	90-110			

250

250

Source: E506183-02

Source: E506183-02

107

108

80-120

80-120

0.821

ND

ND

20.0

20.0

268

270

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 Res	ources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Fr	eeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 7	5240	Project Manager:	Ashley Giovengo	06/27/25 13:41

M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
 S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.

T9 DRO includes undifferentiated early eluting analytes characteristic of GRO.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



sed to Imaging: 9/12/2025 10:59:14 AM

	Clie	nt Inforn	nation		Invoid	ce Information				10	Lab U	se Or	nly				TA	T			State	
Client: N	1atador Proc	duction C	ompany		Company: Ensol			La	ab W	0#	772	Job	Num	ber	7	1D :	2D	3D Std	4 F		CO UT	TX
roject N	ame: [Dagger St	ate TB			ational Parks Hwy		<u> </u> E	50	100	52	13	a	B	-			X		X		
	lanager: As					Carlsbad NM, 8822	0		_													Day of
	3122 Natio		\$1000000000000000000000000000000000000		Phone: 575-988			_			_	Ana	alysis	and I	/leth	od	_		CD	_	Program	
	e, Zip: Carls		88220			go@ensolum.com		_											SDV	VA	CWA	RCRA
	75-988-005		Marketon V		Miscellaneous:				1			-			- 1	- 1			Comi	oliance	2 Y	or N
:maii: aj	giovengo@e	nsolum.c	om	The second second			N. A.		3100	SOLLS	CTOG	1	_		S				PWSI			01 14
				Sample Info	rmation				per 2000	200	BTEX by 8021	3260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		Σ	¥	1000			
Time			No. of		81		e	Lab	9	20 2	x by	VOC by 8260	oride	100	A 8		BGDOC - NM		Samle	emi	Rema	rks
Sampled	Date Sampled	Matrix	Containers		Sample ID		Field	Numb	per 2	5 6	BTE)	700	Chlo	TCEC	RCR.		BGD	BGDOC-	SS	-		
1409	6/19/2025	S	1		BH04 - 2'			1									х		4.	3		
1417	6/19/2025	S	1		BH04 - 4'			2									х		4.	2		
1700	6/19/2025	S	1		BH04 - 6'			3	e me								х		5.	(
1707	6/19/2025	S	1		BH04 - 8'			4									х		5	0		
1424	6/19/2025	S	1		BH05 - 0'			5	4								х		4.	8		
1427	6/19/2025	S	1		BH05 - 0.5'			0									х			9		
1430	6/19/2025	S	1		BH05 - 1'		П	7									х		5	.1		
1519	6/19/2025	S	1		BH05 - 3'			8									х		5	0		
1827	6/19/2025	S	1		BH05 - 5'			9									х		4.	8		
1546	6/19/2025	S	1		BH06 - 0'			10)	-						1	х		4.			
					waterwayer		1							L			\perp		-	22.0		
mccaule , (field sam	ev@ensolum	n.com, al	one@en	solum.com. igonz	alezz@ensolum.com vare that tampering with or	m, ihinkle@ensolu	ım.co	om														
	ed by: (Signatu			Date	Time	Received by: (Signatu	re)	10	0	Da	şte .	5 ×	~ ~	Time]	11	-		124	Samp	es rec	uiring the	rmal
110	- (o.g., a.a.			06/20/25	1/:15	MARKOT	me	1	ark	CIT-	0'.	20:	35	1	1	5		pre			ust be rece	
Rélinquish	ed by: (Signatu	re)	oken	Date 10:20.25	Time 645	Received by: (Signatu	re)	The		Da	te la	h	5	Time	72	20					ey are sam d on ice at	50
Relinquish	ed by: (Signatu	re		Date	Time 17.35gm	Received by: (Signatu	ire) [05		2	0.2:	3:2	25	Time	4	5					less than 6 uent days.	
Relinquish	ed by: (Signatu	re)		Date	Time	Received by: (Signatu	ire)			Di	ate			Time						Lab L	Jse Only	
Relinquish	ed by: (Signatu	ıre)		Date	Time	Received by: (Signatu	ıre)			Di	ate			Time			\dashv		R		ed on ice: // N	
							ICan	tainer 1	Typor	g - gl-	acc n	noly/	nlacti	. 20	amhr	or also	SC 1/	- VOA				
	rix: S - Soil, Sd - S				other arrangements are	e made. Hazardous san	nples	will be re	eturne	d to r	lient or	dispos	ed of a	at the	lient e	expens	se. Th	ne report f	or the	analysi	s of the abo	ove
	pico ai c ulocal	wen Th ngh	anter resul	- are reported willes:	airming cities are		- F					6-00	100									

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.

to Imaging: 9/12/2025 10:59:14 AM

envirotech
Analytical Laboratory

1.0	Clie	nt Inform	nation	10,17	Invoi	ce Information	-			1	ab U	se On	lv	7.7			TAT	7		Stat	e
Client: N	Matador Prod				Company: Ensol			10	b WC			Job 1		ber	1		3D	Std	NM		
Project N		gger State				ational Parks Hwy	i.	E	5	810	3	23	2	:-00	12	-	130	X	X	00 01	
	Manager: As					Carlsbad NM, 8822		_ -	~	251.0		4	سا	, 00		A KILL		A SE			
	3122 Natio			1991	Phone: 575-988				Г		_	Ana	lvsis	and I	Metho	d			EP	A Progra	am
	e, Zip: Carls				The state of the s	go@ensolum.com	8			T	T		,			T			SDWA	CWA	RCRA
	575-988-005		00220	10.7	Miscellaneous:	go@ensoram.com															
ALL STATES	giovengo@e	10.5	om		wiiscenaricous.				2							1			Compliand	ce Y	or N
Emain a	NOVELIA C. C	11001011110		THE RESIDENCE OF THE PARTY OF T					by 8015	801	2.0		o.	Ų.	2	1			PWSID#		
•				Sample Inforr	nation				Q 60	10 by	802	8260	300	7 - 50	Meta	Σ	¥		э с		
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field	Lab Numbe	DRO/ORO	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX		Samle Temp	Rer	narks
1603	6/19/2025	S	1		BH06 - 0.5'			11								Х			5.1		
1606	6/19/2025	S	1		BH06 - 1'			12								Х			5.0		
1714	6/19/2025	S	1		вно6 - 2'			13								Х			4.9		
1728	6/19/2025	S	1		вно6 - 4'			14	Y							Х			4.8		
1840	6/19/2025	S	1		вно6 - 6'			15								Х			4.9		
									B										igi (ces		
				urton@ensolum. solum.com, jgonza					lum.c	com,	cham	ilton	@en:	solun	n.com	bmo	ir@er	rsolu	m.com,		
I, (field sam	pler), attest to th	e validity an	d authenticity	of this sample. I am awa	re that tampering with or	intentionally mislabeling	the sar	nple locat	tion, da	te or tir	ne of c	ollection	n is cor	nsidere	d fraud a	nd may	be grou	ınds fo	r legal action.		
A	:Jarad McCau ed by: (Signatu			Date	Time	Received by: (Signatu	re)	12	m la	Date	9		2	Time	110	_			Samples re	auiring t	hermal
19	ca by. (bigilata	,		06/20/25	11:15	C. C. C. S. C. C.	Vine	1	-il-sel	A (7.2	0.7	15		16)		1	servation r		
Relinquish	ed by: (Signatu	re)	curker	Le 20.25	Time 645	Received by: (Signatu	ire)	Z		Date	1/2	w	-	Time	720	1		ice	the day the	ney are sa	impled or
Relinquish	ed by: (Signatu	re)	5	Date	Time 1235am	Received by: (Signatu	re)			Date	0.2	73.	35	Time	45	-		ā	above 0 but subse	t less than quent da	
Relinquish	ed by: (Signatu	re)	_	Date	Time	Received by: (Signatu	ıre)			Date	e			Time			100		Lab	Use Onl	У
																			Recei	ved on i	e:
Relinquish	ed by: (Signatu	re)		Date	Time	Received by: (Signatu				Date				Time					6	Y/N	
Sample Ma	trix: S - Soil, Sd - S	Solid, Sg - Slu	idge, A - Aque	eous, O - Other			Cont	ainer Ty	ype: g	g - glas	s, p -	poly/p	lasti	c, ag -	amber	glass	v - VC	À			
				ts are reported unless	other arrangements ar										client e	xpens	. The r	eport	for the anal	ysis of the	above

envirotech Inc.

Printed: 6/23/2025 11:59:11AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Matador Resources, LLC.	Date Received:	06/23/25 06:4	15	Work Order ID:	E506183
Phone:	(972) 371-5200	Date Logged In:	06/20/25 13:4		Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	06/27/25 17:0	00 (4 day TAT)		
Chain of	Custody (COC)					
	e sample ID match the COC?		Yes			
	e number of samples per sampling site location ma	tch the COC	Yes			
	imples dropped off by client or carrier?		Yes	Carrier: C	Courier	
4. Was the	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes	Cumon.	- Courter	
	I samples received within holding time?	•	Yes			
	Note: Analysis, such as pH which should be conducted in				Comment	s/Resolution
C1- T	i.e, 15 minute hold time, are not included in this disucssi	on.		1	Comment	<u> </u>
	urn Around Time (TAT) COC indicate standard TAT, or Expedited TAT?		Yes		Project Dagger State TE	B has been
	•		168		separated into 2 reports.	
Sample C	ample cooler received?		Yes		-	WOS are E300182
	was cooler received in good condition?		Yes		& E506183.	
•	e sample(s) received intact, i.e., not broken?					
			Yes			
	custody/security seals present?		No			
•	were custody/security seals intact?		NA			
12. Was the	e sample received on ice? Note: Thermal preservation is not required, if samples ar 15 minutes of sampling	re received within	Yes			
13. See Co	OC for individual sample temps. Samples outside o	f 0°C-6°C will be	recorded in c	omments.		
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 Lab	<u>el</u>					
20. Were	field sample labels filled out with the minimum info	ormation:				
	umple ID?		Yes			
	ate/Time Collected? ollectors name?		Yes	'		
	reservation		Yes			
	the COC or field labels indicate the samples were p	reserved?	No			
	mple(s) correctly preserved?	reserved:	NA			
	filtration required and/or requested for dissolved m	etals?	No			
	se Sample Matrix		110			
	the sample have more than one phase, i.e., multipha	ise?	No			
	does the COC specify which phase(s) is to be analy		NA			
		yzeu.	INA			
	act Laboratory	0	3.7			
	imples required to get sent to a subcontract laborato	-	No		27.4	
29. was a	subcontract laboratory specified by the client and i	i so wno?	NA Su	bcontract Lab	: NA	
Client In	<u>struction</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: Dagger State TB

Work Order: E507284

Job Number: 23003-0002

Received: 7/24/2025

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 7/30/25

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

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

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

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

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

Date Reported: 7/30/25

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

Project Name: Dagger State TB

Workorder: E507284

Date Received: 7/24/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/24/2025 8:00:00AM, under the Project Name: Dagger State TB.

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

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues 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
BH07-0'	5
BH07-1'	6
BH09-0'	7
QC Summary Data	8
QC - Volatile Organics by EPA 8021B	8
QC - Nonhalogenated Organics by EPA 8015D - GRO	9
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	10
QC - Anions by EPA 300.0/9056A	11
Definitions and Notes	12
Chain of Custody etc.	13

Sample Summary

Matador Resources, LLC.	Project Name:	Dagger State TB	Donoutod.
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	07/30/25 12:31

Client Sample ID	Lab Sample ID M	latrix	Sampled	Received	Container
BH07-0'	E507284-01A	Soil	07/22/25	07/24/25	Glass Jar, 2 oz.
BH07-1'	E507284-02A	Soil	07/22/25	07/24/25	Glass Jar, 2 oz.
BH07-2'	E507284-03A	Soil	07/22/25	07/24/25	Glass Jar, 2 oz.
BH09-0'	E507284-04A	Soil	07/22/25	07/24/25	Glass Jar, 2 oz.
BH09-1'	E507284-05A	Soil	07/22/25	07/24/25	Glass Jar, 2 oz.
BH09-2'	E507284-06A	Soil	07/22/25	07/24/25	Glass Jar, 2 oz.



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/30/2025 12:31:29PM

BH07-0' E507284-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: BA		Batch: 2530160
Benzene	ND	0.0250	1	07/25/25	07/28/25	
Ethylbenzene	ND	0.0250	1	07/25/25	07/28/25	
Toluene	ND	0.0250	1	07/25/25	07/28/25	
o-Xylene	ND	0.0250	1	07/25/25	07/28/25	
p,m-Xylene	ND	0.0500	1	07/25/25	07/28/25	
Total Xylenes	ND	0.0250	1	07/25/25	07/28/25	
Surrogate: 4-Bromochlorobenzene-PID		99.9 %	70-130	07/25/25	07/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2530160
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/25	07/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.5 %	70-130	07/25/25	07/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: HM		Batch: 2531047
Diesel Range Organics (C10-C28)	119	25.0	1	07/29/25	07/29/25	
Oil Range Organics (C28-C36)	151	50.0	1	07/29/25	07/29/25	
Surrogate: n-Nonane		100 %	61-141	07/29/25	07/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2531028
Chloride	117	20.0	1	07/28/25	07/28/25	

Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/30/2025 12:31:29PM

BH07-1'

		E507284-02				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	nalyst: BA		Batch: 2530160
Benzene	ND	0.0250	1	07/25/25	07/28/25	
Ethylbenzene	ND	0.0250	1	07/25/25	07/28/25	
Toluene	ND	0.0250	1	07/25/25	07/28/25	
o-Xylene	ND	0.0250	1	07/25/25	07/28/25	
p,m-Xylene	ND	0.0500	1	07/25/25	07/28/25	
Total Xylenes	ND	0.0250	1	07/25/25	07/28/25	
Surrogate: 4-Bromochlorobenzene-PID		97.5 %	70-130	07/25/25	07/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	nalyst: BA		Batch: 2530160
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/25	07/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.6 %	70-130	07/25/25	07/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	nalyst: HM		Batch: 2531047
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/29/25	
Surrogate: n-Nonane		95.8 %	61-141	07/29/25	07/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	nalyst: JM		Batch: 2531028
Chloride	69.8	20.0	1	07/28/25	07/28/25	



Sample Data

Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/30/2025 12:31:29PM

BH09-0'

		E507284-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2530160
Benzene	ND	0.0250	1	07/25/25	07/28/25	
Ethylbenzene	ND	0.0250	1	07/25/25	07/28/25	
Гoluene	ND	0.0250	1	07/25/25	07/28/25	
o-Xylene	ND	0.0250	1	07/25/25	07/28/25	
o,m-Xylene	ND	0.0500	1	07/25/25	07/28/25	
Total Xylenes	ND	0.0250	1	07/25/25	07/28/25	
Surrogate: 4-Bromochlorobenzene-PID		97.4 %	70-130	07/25/25	07/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2530160
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/25	07/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	07/25/25	07/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: HM		Batch: 2531047
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/29/25	
Surrogate: n-Nonane		108 %	61-141	07/29/25	07/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: JM		Batch: 2531028
Chloride	ND	20.0	1	07/28/25	07/28/25	



LCS (2530160-BS1)

QC Summary Data

		QC S	umm	ary Data	a				
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager:	2	Dagger State TI 3003-0002 Ashley Gioveng				7/	Reported: 730/2025 12:31:29PM
		Volatile O	rganics	by EPA 802	1B				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 (2530160-BLK1)						F	Prepared: 0'	7/25/25 Ana	alyzed: 07/28/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.99		8.00		99.9	70-130			

Matrix Spike (2530160-MS1)				Source: E507285-02		Prepared: 07/25/25 Analyzed: 07/28/25
Surrogate: 4-Bromochlorobenzene-PID	7.92		8.00	99.0	70-130	
Total Xylenes	14.7	0.0250	15.0	98.2	70-130	
p,m-Xylene	9.91	0.0500	10.0	99.1	70-130	
o-Xylene	4.82	0.0250	5.00	96.5	70-130	
Toluene	5.03	0.0250	5.00	101	70-130	
Ethylbenzene	4.93	0.0250	5.00	98.6	70-130	
Benzene	5.09	0.0250	5.00	102	70-130	

			Source:	E507285-	02	Prepared: 07/25/25 Analyzed: 07/28/25
5.34	0.0250	5.00	ND	107	70-130	
5.16	0.0250	5.00	ND	103	70-130	
5.27	0.0250	5.00	ND	105	70-130	
5.06	0.0250	5.00	ND	101	70-130	
10.4	0.0500	10.0	ND	104	70-130	
15.4	0.0250	15.0	ND	103	70-130	
8.08		8.00		101	70-130	
	5.16 5.27 5.06 10.4 15.4	5.16 0.0250 5.27 0.0250 5.06 0.0250 10.4 0.0500 15.4 0.0250	5.16 0.0250 5.00 5.27 0.0250 5.00 5.06 0.0250 5.00 10.4 0.0500 10.0 15.4 0.0250 15.0	5.34 0.0250 5.00 ND 5.16 0.0250 5.00 ND 5.27 0.0250 5.00 ND 5.06 0.0250 5.00 ND 10.4 0.0500 10.0 ND 15.4 0.0250 15.0 ND	5.34 0.0250 5.00 ND 107 5.16 0.0250 5.00 ND 103 5.27 0.0250 5.00 ND 105 5.06 0.0250 5.00 ND 101 10.4 0.0500 10.0 ND 104 15.4 0.0250 15.0 ND 103	5.16 0.0250 5.00 ND 103 70-130 5.27 0.0250 5.00 ND 105 70-130 5.06 0.0250 5.00 ND 101 70-130 10.4 0.0500 10.0 ND 104 70-130 15.4 0.0250 15.0 ND 103 70-130

Matrix Spike Dup (2530160-MSD1)					Source: E507285-02			7/25/25 Analyzed: 07/28/25
Benzene	5.45	0.0250	5.00	ND	109	70-130	2.01	27
Ethylbenzene	5.28	0.0250	5.00	ND	106	70-130	2.37	26
Toluene	5.39	0.0250	5.00	ND	108	70-130	2.12	20
o-Xylene	5.18	0.0250	5.00	ND	104	70-130	2.27	25
p,m-Xylene	10.6	0.0500	10.0	ND	106	70-130	2.33	23
Total Xylenes	15.8	0.0250	15.0	ND	105	70-130	2.31	26
Surrogate: 4-Bromochlorobenzene-PID	7.98		8.00		99.8	70-130		

Prepared: 07/25/25 Analyzed: 07/28/25

Matador Resources, LLC.Project Name:Dagger State TBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo7/30/2025 12:31:29PM

Dallas TX, 75240		Project Manage	r: As	shley Gioveng	go			ĺ	7/30/2025 12:31:29PN
	Non	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 (2530160-BLK1)							Prepared: 0	7/25/25 Ar	nalyzed: 07/28/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.2	70-130			
LCS (2530160-BS2)							Prepared: 0	7/25/25 Ar	nalyzed: 07/28/25
Gasoline Range Organics (C6-C10)	51.0	20.0	50.0		102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.2	70-130			
Matrix Spike (2530160-MS2)				Source:	E507285-0	02	Prepared: 0	7/25/25 Ar	nalyzed: 07/28/25
Gasoline Range Organics (C6-C10)	52.1	20.0	50.0	ND	104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.56		8.00		94.5	70-130			

Surrogute. 1-Chioro-4-Jiuorobenzene-r1D	7.50		0.00		94.3	70-130				
Matrix Spike Dup (2530160-MSD2)					Source: E507285-02			Prepared: 07/25/25 Analyzed: 07/28/25		
Gasoline Range Organics (C6-C10)	53.6	20.0	50.0	ND	107	70-130	2.83	20		
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.61		8.00		95.1	70-130				

Matador Resources, LLC.Project Name:Dagger State TBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo7/30/2025 12:31:29PM

,		, ,		, .	2						
	Nonha	Nonhalogenated Organics by EPA 8015D - DRO/ORO							Analyst: HM		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2531047-BLK1)							Prepared: 07/29/25 Analyzed: 07/29/25				
Diesel Range Organics (C10-C28)	ND	25.0									
Oil Range Organics (C28-C36)	ND	50.0									
Surrogate: n-Nonane	47.6		50.0		95.2	61-141					
LCS (2531047-BS1)							Prepared: 07/29/25 Analyzed: 07/29/25				
Diesel Range Organics (C10-C28)	280	25.0	250		112	66-144					
Surrogate: n-Nonane	48.6		50.0		97.2	61-141					
Matrix Spike (2531047-MS1)				Source: E507284-05		Prepared: 07/29/25 Analyzed: 07/29/		lyzed: 07/29/25			
Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	56-156					
Surrogate: n-Nonane	49.3		50.0		98.7	61-141					
Matrix Spike Dup (2531047-MSD1)			Source:	Source: E507284-05			Prepared: 07/29/25 Analyzed: 07/29/25				
Diesel Range Organics (C10-C28)	286	25.0	250	ND	114	56-156	0.254	20			
Surrogate: n-Nonane	49.3		50.0		98.6	61-141					

Matrix Spike (2531028-MS1)

Matrix Spike Dup (2531028-MSD1)

Chloride

Chloride

260

259

Prepared: 07/28/25 Analyzed: 07/28/25

Prepared: 07/28/25 Analyzed: 07/28/25

20

QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500		Project Name: Project Number:		Dagger State TB 23003-0002 Ashley Giovengo					Reported:			
Dallas TX, 75240		Project Manager	r: A					7/30/2025 12:31:29PM				
		Anions	by EPA	300.0/9056 <i>E</i>	4				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 (2531028-BLK1)				Prepared: 07/28/25 Analyzed: 07/28/25								
Chloride	ND	20.0										
LCS (2531028-BS1)							Prepared: 0	7/28/25 A	nalyzed: 07/28/25			
Chloride	250	20.0	250		100	90-110						

250

250

20.0

20.0

Source: E507279-06

Source: E507279-06

104

104

80-120

80-120

0.180

ND

ND

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:	Dagger State TB	
l	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
١	Dallas TX, 75240	Project Manager:	Ashley Giovengo	07/30/25 12:31

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.



sed to Imaging: 9/12/2025 10:59:14 AM

Chain of Custody

1	1
of_	1
	of_

	Clie	nt Inform	nation		Invo	ice Information			M. J	-1/1	ab U	se On	ly	orport of	KO		TA	AT.		17/2	Sta	:e	-
Client: N	Natador Prod				Company: Enso	A STATE OF THE STA		12	ab WC	54	100	Job		ber		1D	2D	3D	Std	NN	l col u	ТХТ	
Project N		Dagger St				National Parks Hwy		_ F	5	12	84	23	100	.00	50				X	X	00 0	111	
	/Janager: Asl					Carlsbad NM, 8822	ron -		N NEW		TIA		A		Jana	de la	min		N AS	110.00			Ī
	3122 Natio			1/4	Phone: 575-98			- 10				Ana	lysis	and	Met	hod				E	PA Progr	am	1
-	e, Zip: Carls		-	180	Email: agiover	ngo@ensolum.com			16	T	T									SDWA	CWA	RCRA	1
	575-988-005				Miscellaneous:														Ì				
	giovengo@e	.53	om						5	15										Complia	nce Y	or N	
4.10			d'mara		new most site si			16	v 8015	80			0.0	×	als				[PWSID #			Ī
				Sample Infor	mation				08 09	RO by	y 802	8260	e 300	005 - T	Met		N.	ξ.		ele qu			100
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field	Lab Numb	er DRO/ORO	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Samle Temp	Re	marks	
1226	7/22/2025	S	1		BH07 - 0'			1									Х			2.7			
1230	7/22/2025	S	1		BH07 - 1'			2									Х			2.9		ONLY IF >100 TPF >600 CL	H
1233	7/22/2025	S	1		BH07 - 2'			3	7								х			2.6		SH07 - 1' >100 TPH >600 CL	4
1050	7/22/2025	S	1		BH09 - 0'			4	1								х			3.2			
1137	7/22/2025	S	1		BH09 - 1'			5	j								х			1.8		ONLY IF >100 TPH >600 CL	+
1140	7/22/2025	S	1		BH09 - 2'			6	W.								х			2.9		8H09 - 1' >100 TPF >600 CL	Н
									G.														
									Ŋ														
									W	\top													
																							-
The second secon						ensolum.com, iest			lum.c	om,	cham	ilton	@en	solur	n.cor	n, br	noir	@ens	solu	n.com,			
I. (field sam	pler), attest to the	e validity and	d authenticit	of this sample. I am aw	are that tampering with o	m, jhinkle@ensolu r intentionally mislabeling	the sar	mple loca	tion, da	te or ti	me of co	ollection	n is co	nsidere	ed frau	d and r	nay be	e groun	ds for	legal action	i.		-
	:Jarad McCau				11																		
Relinquish	ed by: (Signatur	re)//		07-25-25	Time 0800	Received by (Signatur	G	onz	rles	Dat	7 .2	325	5	Time	580	α				menning to grand	equiring t must be r	hermal eceived on	
Relinduish	ed by: (Signatur	Tonz	nles	Date 23.25	Time 500	Mariana s	Ma.	nsa	les	Dat	7-2	3.2	S	Time	50							ampled or at a temp	Sing
Relinguish	ed by: (Signatur	ion,	zales	7-23:25	Time 345	Received by: (Signatur	re)	gh	a	Dat	1.2	4.2	5	Time	30	D			al		it less tha equent da		
Relinquish	ed by: (Signatur	re)		Date	Time	Received by: (Signatu	re)	THE STATE OF THE S		Dat	e			Time						Lal	Use Onl	у	Ī
																				0.000.000	ived on i	ce:	
Relinquish	ed by: (Signatu	re)		Date	Time	Received by: (Signatu	re)			Dat	e			Time							∀ N		
	trix: S - Soil, Sd - S							tainer T															
						re made. Hazardous sar									clien	t expe	nse.	The re	port f	or the ana	lysis of the	above	1

envirotech Inc.

Printed: 7/24/2025 9:37:49AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Matador Resources, LLC.	Date Received:	07/24/25 08	8:00	Work Order ID:	E507284
Phone:	(972) 371-5200	Date Logged In:	07/23/25 14	4:59	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	07/30/25 1	7:00 (4 day TAT)		
Chain of	Custody (COC)					
	the sample ID match the COC?		Yes			
	ne number of samples per sampling site location ma	tch the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: C	Sourier .	
	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes	carrer. <u>c</u>	Sourier	
	Il 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>urn Around Time (TAT)</u>				Cliant Danianta Cananta	2 D DH07 2
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Client Remarks-Sample	
Sample C					Only if $>$ 100 TPH or $>$ 6	500 CL. Sample-3
	sample cooler received?		Yes		Run Only if BH07-1 is:	>100 TPH or >600
8. If yes,	was cooler received in good condition?		Yes		CL. Sample -5 Run BH	09-2 Only if >100
9. Was the	e sample(s) received intact, i.e., not broken?		Yes		TPH or >600 Cl. Sampl	· ·
10. Were	custody/security seals present?		No		_	•
11. If yes,	were custody/security seals intact?		NA		BH09-1 >100 Tph or >6	500 Cl.
12. Was the	e sample received on ice?		Yes			
	Note: Thermal preservation is not required, if samples ar 15 minutes of sampling					
13. See C	OC for individual sample temps. Samples outside o	f 0°C-6°C will be	recorded in	n comments.		
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	ners collected?	Yes			
Field Lab						
	field sample labels filled out with the minimum info	ormation:	V			
	ample ID? ate/Time Collected?		Yes			
	ollectors name?		Yes Yes			
	reservation		103			
	the COC or field labels indicate the samples were pr	reserved?	No			
22. Are sa	imple(s) correctly preserved?		NA			
	filtration required and/or requested for dissolved me	etals?	No			
Multipha	se Sample Matrix					
	the sample have more than one phase, i.e., multipha	se?	No			
	does the COC specify which phase(s) is to be analy		NA			
		,	1421			
	act Laboratory	0	NT.			
	amples required to get sent to a subcontract laborato	-	No	G 1	27.4	
29. was a	subcontract laboratory specified by the client and is	i so wno?	NA	Subcontract Lab): NA	
Client 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: Dagger State TB

Work Order: E507299

Job Number: 23003-0002

Received: 7/25/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 7/31/25

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

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

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

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

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

Date Reported: 7/31/25

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

Project Name: Dagger State TB

Workorder: E507299

Date Received: 7/25/2025 7:45:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/25/2025 7:45:00AM, under the Project Name: Dagger State TB.

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

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues 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
BH08-0'	5
BH08-1'	6
SS16-0'	7
SS16-1'	8
SS17-0'	9
SS17-1'	10
SS18-0'	11
SS18-1'	12
QC Summary Data	13
QC - Volatile Organics by EPA 8021B	13
QC - Nonhalogenated Organics by EPA 8015D - GRO	14
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	15
QC - Anions by EPA 300.0/9056A	16
Definitions and Notes	17
Chain of Custody etc.	18

Sample Summary

Matador Resources, LLC.	Project Name:	Dagger State TB	Donoutoda
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	07/31/25 09:28

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH08-0'	E507299-01A	Soil	07/23/25	07/25/25	Glass Jar, 2 oz.
BH08-1'	E507299-02A	Soil	07/23/25	07/25/25	Glass Jar, 2 oz.
BH08-2'	E507299-03A	Soil	07/23/25	07/25/25	Glass Jar, 2 oz.
SS16-0'	E507299-04A	Soil	07/23/25	07/25/25	Glass Jar, 2 oz.
SS16-1'	E507299-05A	Soil	07/23/25	07/25/25	Glass Jar, 2 oz.
SS17-0'	E507299-06A	Soil	07/23/25	07/25/25	Glass Jar, 2 oz.
SS17-1'	E507299-07A	Soil	07/23/25	07/25/25	Glass Jar, 2 oz.
SS18-0'	E507299-08A	Soil	07/23/25	07/25/25	Glass Jar, 2 oz.
SS18-1'	E507299-09A	Soil	07/23/25	07/25/25	Glass Jar, 2 oz.



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/31/2025 9:28:54AM

BH08-0' E507299-01

		E307277-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: SL		Batch: 2530156
Benzene	ND	0.0250	1	07/25/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/25/25	07/27/25	
Toluene	ND	0.0250	1	07/25/25	07/27/25	
o-Xylene	ND	0.0250	1	07/25/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/25/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/25/25	07/27/25	
Surrogate: 4-Bromochlorobenzene-PID		97.7 %	70-130	07/25/25	07/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2530156
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/25	07/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		102 %	70-130	07/25/25	07/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: HM		Batch: 2531054
Diesel Range Organics (C10-C28)	3510	25.0	1	07/29/25	07/30/25	
Oil Range Organics (C28-C36)	2180	50.0	1	07/29/25	07/30/25	
Surrogate: n-Nonane		92.3 %	61-141	07/29/25	07/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: DT		Batch: 2531043
Chloride	324	20.0	1	07/29/25	07/29/25	

Sample Data

Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/31/2025 9:28:54AM

BH08-1'

		E507299-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2530156
Benzene	ND	0.0250	1	07/25/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/25/25	07/27/25	
Toluene	ND	0.0250	1	07/25/25	07/27/25	
o-Xylene	ND	0.0250	1	07/25/25	07/27/25	
p,m-Xylene	0.0509	0.0500	1	07/25/25	07/27/25	
Total Xylenes	0.0509	0.0250	1	07/25/25	07/27/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	07/25/25	07/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2530156
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/25	07/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		105 %	70-130	07/25/25	07/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: HM		Batch: 2531054
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/30/25	
Surrogate: n-Nonane		92.8 %	61-141	07/29/25	07/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2531043
Chloride	185	20.0	1	07/29/25	07/29/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/31/2025 9:28:54AM

SS16-0'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2530156
Benzene	ND	0.0250	1	07/25/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/25/25	07/27/25	
Toluene	ND	0.0250	1	07/25/25	07/27/25	
o-Xylene	ND	0.0250	1	07/25/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/25/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/25/25	07/27/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	07/25/25	07/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2530156
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/25	07/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		101 %	70-130	07/25/25	07/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: HM		Batch: 2531054
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/30/25	
Surrogate: n-Nonane		91.2 %	61-141	07/29/25	07/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2531043



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/31/2025 9:28:54AM

SS16-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2530156
Benzene	ND	0.0250	1	07/25/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/25/25	07/27/25	
Toluene	ND	0.0250	1	07/25/25	07/27/25	
o-Xylene	ND	0.0250	1	07/25/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/25/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/25/25	07/27/25	
Surrogate: 4-Bromochlorobenzene-PID		99.7 %	70-130	07/25/25	07/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2530156
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/25	07/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		101 %	70-130	07/25/25	07/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: HM		Batch: 2531054
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/30/25	
Surrogate: n-Nonane		91.6%	61-141	07/29/25	07/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2531043
Chloride	ND	20.0	-	07/29/25	07/29/25	



Chloride

Sample Data

Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/31/2025 9:28:54AM

SS17-0'

		E507299-06				
Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2530156
Benzene	ND	0.0250	1	07/25/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/25/25	07/27/25	
Toluene	ND	0.0250	1	07/25/25	07/27/25	
o-Xylene	ND	0.0250	1	07/25/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/25/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/25/25	07/27/25	
Surrogate: 4-Bromochlorobenzene-PID		99.2 %	70-130	07/25/25	07/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2530156
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/25	07/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.9 %	70-130	07/25/25	07/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: HM		Batch: 2531054
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/30/25	
Surrogate: n-Nonane		88.9 %	61-141	07/29/25	07/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2531043

20.0

283

07/29/25

07/29/25



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/31/2025 9:28:54AM

SS17-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2530156
Benzene	ND	0.0250	1	07/25/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/25/25	07/27/25	
Toluene	ND	0.0250	1	07/25/25	07/27/25	
o-Xylene	ND	0.0250	1	07/25/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/25/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/25/25	07/27/25	
Surrogate: 4-Bromochlorobenzene-PID		97.3 %	70-130	07/25/25	07/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2530156
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/25	07/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		101 %	70-130	07/25/25	07/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: HM		Batch: 2531054
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/30/25	
Surrogate: n-Nonane		92.0 %	61-141	07/29/25	07/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2531043
Chloride	27.3	20.0		07/29/25	07/29/25	•



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/31/2025 9:28:54AM

SS18-0'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2530156
Benzene	ND	0.0250	1	07/25/25	07/28/25	
Ethylbenzene	ND	0.0250	1	07/25/25	07/28/25	
Toluene	ND	0.0250	1	07/25/25	07/28/25	
o-Xylene	ND	0.0250	1	07/25/25	07/28/25	
p,m-Xylene	ND	0.0500	1	07/25/25	07/28/25	
Total Xylenes	ND	0.0250	1	07/25/25	07/28/25	
Surrogate: 4-Bromochlorobenzene-PID		91.8 %	70-130	07/25/25	07/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2530156
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/25	07/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130	07/25/25	07/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: HM		Batch: 2531054
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/30/25	
Surrogate: n-Nonane		92.0 %	61-141	07/29/25	07/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2531043
	45.6	20.0		07/29/25	07/29/25	•



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/31/2025 9:28:54AM

SS18-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2530156
Benzene	ND	0.0250	1	07/25/25	07/28/25	
Ethylbenzene	ND	0.0250	1	07/25/25	07/28/25	
Toluene	ND	0.0250	1	07/25/25	07/28/25	
o-Xylene	ND	0.0250	1	07/25/25	07/28/25	
p,m-Xylene	ND	0.0500	1	07/25/25	07/28/25	
Total Xylenes	ND	0.0250	1	07/25/25	07/28/25	
Surrogate: 4-Bromochlorobenzene-PID		98.0 %	70-130	07/25/25	07/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2530156
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/25	07/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130	07/25/25	07/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: HM		Batch: 2531054
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/30/25	
Surrogate: n-Nonane		91.0 %	61-141	07/29/25	07/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2531043
	ND	20.0		07/29/25	07/29/25	



QC Summary Data

Matador Resources, LLC.	Project Name:	Dagger State TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/31/2025 9:28:54AM

Dallas TX, 75240		Project Manager:	As	shley Giovengo)			7/	/31/2025 9:28:54AM
		Volatile O	rganics b	oy EPA 8021	В				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 (2530156-BLK1)							Prepared: 0	7/25/25 Ana	alyzed: 07/27/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.76		8.00		97.0	70-130			
LCS (2530156-BS1)							Prepared: 0	7/25/25 Ana	alyzed: 07/27/25
Benzene	5.33	0.0250	5.00		107	70-130			
Ethylbenzene	5.25	0.0250	5.00		105	70-130			
Toluene	5.29	0.0250	5.00		106	70-130			
o-Xylene	5.23	0.0250	5.00		105	70-130			
p,m-Xylene	10.7	0.0500	10.0		107	70-130			
Total Xylenes	15.9	0.0250	15.0		106	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.68		8.00		96.0	70-130			
Matrix Spike (2530156-MS1)				Source: E	507277-	06	Prepared: 0	7/25/25 Ana	alyzed: 07/27/25
Benzene	5.31	0.0250	5.00	ND	106	70-130			
Ethylbenzene	5.26	0.0250	5.00	ND	105	70-130			
Toluene	5.28	0.0250	5.00	ND	106	70-130			
o-Xylene	5.24	0.0250	5.00	ND	105	70-130			
p,m-Xylene	10.7	0.0500	10.0	ND	107	70-130			
Total Xylenes	15.9	0.0250	15.0	ND	106	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.63		8.00		95.4	70-130			
Matrix Spike Dup (2530156-MSD1)				Source: E	2507277-	06	Prepared: 0	7/25/25 Ana	alyzed: 07/27/25
Benzene	5.04	0.0250	5.00	ND	101	70-130	5.17	27	
Ethylbenzene	5.02	0.0250	5.00	ND	100	70-130	4.66	26	
Toluene	5.03	0.0250	5.00	ND	101	70-130	4.92	20	
o-Xylene	5.00	0.0250	5.00	ND	100	70-130	4.65	25	
p,m-Xylene	10.2	0.0500	10.0	ND	102	70-130	4.60	23	
Total Xylenes	15.2	0.0250	15.0	ND	101	70-130	4.62	26	

8.00

7.63

95.4

70-130



Surrogate: 4-Bromochlorobenzene-PID

Gasoline Range Organics (C6-C10)

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Matador Resources, LLC.Project Name:Dagger State TBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo7/31/20259:28:54AM

Dallas TX, 75240		Project Manage	r: As	shley Gioveng	go			7/3	31/2025 9:28:54AM
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO			Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2530156-BLK1)							Prepared: 0	7/25/25 Ana	lyzed: 07/27/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.11		8.00		101	70-130			
LCS (2530156-BS2)							Prepared: 0	7/25/25 Ana	lyzed: 07/27/25
Gasoline Range Organics (C6-C10)	57.3	20.0	50.0		115	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.48		8.00		106	70-130			
Matrix Spike (2530156-MS2)				Source:	E507277-	06	Prepared: 0	7/25/25 Ana	lyzed: 07/27/25
Gasoline Range Organics (C6-C10)	51.2	20.0	50.0	ND	102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.08		8.00		101	70-130			
Matrix Spike Dup (2530156-MSD2)				Source:	E507277-	06	Prepared: 0	7/25/25 Ana	lyzed: 07/27/25

50.0 8.00 ND

99.7

70-130

70-130

2.56

20

52.5

7.98

20.0

QC Summary Data

Matador Resources, LLC.	Project Name:	Dagger State TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	·
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/31/2025 9:28:54AM

	1 Toject Wianage	1. 713	micy Gloveng	,0			,	75172025 7.20.5 1711
Nonha	logenated Or	ganics by l	EPA 8015I	O - DRO	ORO/			Analyst: HM
Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
						Prepared: 0	7/29/25 An	alyzed: 07/29/25
ND	25.0							
ND	50.0							
42.7		50.0		85.4	61-141			
						Prepared: 0	7/29/25 An	alyzed: 07/29/25
257	25.0	250		103	66-144			
40.8		50.0		81.6	61-141			
			Source:	E507299-0	03	Prepared: 0	7/29/25 An	alyzed: 07/29/25
283	25.0	250	ND	113	56-156			
45.1		50.0		90.2	61-141			
			Source:	E507299-0	03	Prepared: 0	7/29/25 An	alyzed: 07/29/25
290	25.0	250	ND	116	56-156	2.41	20	
46.1		50.0		92.2	61-141			
	Result mg/kg ND ND 42.7 257 40.8 283 45.1	Nonhalogenated Organic Reporting Limit mg/kg mg/kg ND 25.0 ND 50.0 42.7 257 25.0 40.8 283 25.0 45.1 290 25.0	Nonhalogenated Organics by	Nonhalogenated Organics by EPA 8015I Result	Nonhalogenated Organics by EPA 8015D - DRO	Nonhalogenated Organics by EPA 8015D - DRO/ORO Result Limit Level Result Rec Limits mg/kg mg/kg mg/kg mg/kg % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % %	Nonhalogenated Organics by EPA 8015D - DRO/ORO Result Reporting Limit Level Result Rec Limits RPD mg/kg mg/kg mg/kg mg/kg % % % % % % % % %	Nonhalogenated Organics by EPA 8015D - DRO/ORO Result Reporting Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg % % % % % % % % % % % % % % % % % %

Matrix Spike (2531043-MS1)

Matrix Spike Dup (2531043-MSD1)

Chloride

Chloride

QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number Project Manage	: 2	Pagger State T 3003-0002 shley Gioven					Reported: 7/31/2025 9:28:54AM
		Anions	by EPA	300.0/9056	A				Analyst: DT
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2531043-BLK1)]	Prepared: 0	7/29/25 A	Analyzed: 07/29/25
Chloride	ND	20.0							
LCS (2531043-BS1)]	Prepared: 0	7/29/25 A	Analyzed: 07/29/25

250

250

250

20.0

20.0

20.0

102

103

102

Source: E507324-02

Source: E507324-02

ND

90-110

80-120

80-120

0.242

Prepared: 07/29/25 Analyzed: 07/29/25

Prepared: 07/29/25 Analyzed: 07/29/25

20

254

256

256

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:	Dagger State TB	
l	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
l	Dallas TX, 75240	Project Manager:	Ashley Giovengo	07/31/25 09:28

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.



7	9
- 2	
Se	
N	
è	5
7	à
0	
7	•
<u> </u>	2
બ	į

Client Information			nation	Inve	Invoice Information			La	ab Us	e Or	nly		125		TA	T		Sta
Client: M	latador Prod	luction C	ompany	Company: Ens	Company: Ensolum LLC La			#	0	Job	Num	ber		1D	2D	3D Sto	I NN	colu
Project Name: Dagger State TB			te TB	Address: 3122	Company: Ensolum LLC Address: 3122 National Parks Hwy			29	7	33	Eag	-00	Z			X	X	
Project M	lanager: Ash	nley Giov	/engo	City, State, Zip:	Carlsbad NM, 88220		100		•						Holly			
Address: 3122 National Parks Hwy			Hwy	Phone: 575-9	Phone: 575-988-0055			Analysis and Method									PA Prog	
City, State, Zip: Carlsbad NM, 88220			88220	Email: agiove	engo@ensolum.com												SDWA	CWA
	75-988-0055			Miscellaneous:														L
Email: agiovengo@ensolum.com			om	08			8015	215									Complian	
							≨ F	by 8(21	25	0.00	¥	tals		_		PWSID #	
				Sample Information	T. (1.)	700	80	80	y 80	y 826	Je 30	- 500	Me Me		Š.	Ĕ.	ale du	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	(a) +-1	.ab mber	DRO/ORO	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX	Samle	R
838	7/23/2025	S	1	BH08 - 0'	1										Х		3.6	
846	7/23/2025	S	1	BH08 - 1'	0	?									Х		3.2	Run BH08 -
842	7/23/2025	S	1	BH08 - 2'	2	5									Х		2.6	Run ONLY II
952	7/23/2025	S	1	SS16 - 0'	4										х		2-8	
954	7/23/2025	S	1	SS16 - 1'		5									х		2.4	
928	7/23/2025	S	1	SS17 - 0'		0									х		30	
930	7/23/2025	S	1	SS17 - 1'											Х	1	3.3	
933	7/23/2025	S	1	SS18 - 0'	8	*									Х		3.1	
937	7/23/2025	S	1	SS18 - 1'	0	1									Х		2.4	
imccaule I, (field samp	y@ensolum	.com, al	one@en	ourton@ensolum.com, agiovengo@ olum.com, igonzalezz@ensolum.c of this sample. I am aware that tampering with	om, jhinkle@ensolum.com													1.
	ed by: (Signatur	KI		Date 07-24-3 Time 0800		za	les		.24	1-2	5	-	8	00			Samples i eservation	must be
		7-24-25 1600	Received by: (Signature) Received by: (Signature)				24	.75		Time	700			re	e the day t ceived pac	ked on id		
Relinguished by: (Signature) Date 7.24.75		7.24.25 2400	Cathina	-		Date	3	a	5	72	45				- Eddeland	equent d		
Relinquishe	ed by: (Signatur	e)		Date Time	Received by: (Signature)			Date				Time				199		Use Or
Relinquished by: (Signature) Date		Date Time	Time Received by: (Signature)		Date T			Time					Rece	ived on V/N				

envirotech Inc.

Printed: 7/25/2025 11:26:18AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Matador Resources, LLC.	Date Received:	07/25/25 07:45		Work Order ID:	E507299
Phone:	(972) 371-5200	Date Logged In:	07/24/25 15:37		Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	07/31/25 17:00	(4 day TAT)		
Chain of	Custody (COC)					
	ne sample ID match the COC?		Yes			
	ne number of samples per sampling site location ma	tch the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: C	<u>Courier</u>	
	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes			
5. were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss		Yes		Comment	ts/Resolution
	urn Around Time (TAT) COC indicate standard TAT, or Expedited TAT?		Yes		Client remarks- Sample	2- Run BH08-2
Sample C	<u>-</u> <u>Cooler</u>				only if >100TPH or >60	00 CL.
7. Was a s	sample cooler received?		Yes		Sample 3- Run only is I	BH08-1 is >100
8. If yes,	was cooler received in good condition?		Yes		TPH or >600 CL.	
9. Was the	e sample(s) received intact, i.e., not broken?		Yes		1111 01 > 000 C.L.	
10. Were	custody/security seals present?		No			
11. If yes,	were custody/security seals intact?		NA			
	e sample received on ice? Note: Thermal preservation is not required, if samples a 15 minutes of sampling		Yes			
13. See C	OC for individual sample temps. Samples outside of	of 0°C-6°C will be	recorded in cor	nments.		
Sample C			3.7			
	queous VOC samples present? OC samples collected in VOA Vials?		No NA			
	head space less than 6-8 mm (pea sized or less)?		NA NA			
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers	27	Yes			
	appropriate volume/weight or number of sample conta		Yes			
Field Lab	· · ·					
	 field sample labels filled out with the minimum inf	ormation:				
	ample ID?		Yes			
	ate/Time Collected?		Yes	L		
	ollectors name?		Yes			
	<u>Preservation</u> the COC or field labels indicate the complet were r	ragaryad?	No			
	the COC or field labels indicate the samples were p	reserved?	No NA			
	ample(s) correctly preserved? filtration required and/or requested for dissolved m	etals?	No			
		cuis.	140			
	se Sample Matrix the sample have more than one phase, i.e., multipha	259	No			
	, does the COC specify which phase(s) is to be anal		No NA			
•		yzcu:	NA			
	act Laboratory	9	NI.			
	amples required to get sent to a subcontract laborate subcontract laboratory specified by the client and	•	No NA Sub	4 4 T - 1.	XT A	
		ii so wiio?	INA Sub	contract Lab	: NA	
Client Ir	<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: Dagger State TB

Work Order: E507337

Job Number: 23003-0002

Received: 7/30/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/5/25

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

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

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

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

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

Date Reported: 8/5/25

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

Project Name: Dagger State TB

Workorder: E507337

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

Ashley Giovengo,

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

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

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues 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
SS01A-0'	5
SS02A-0'	6
SS03A-0'	7
SS05A-0'	8
SS07A-0'	9
SS08A-0'	10
SS09A-0'	11
SS11A-0'	12
FS08-1'	13
FS13-1'	14
FS16-1'	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:	Reported:	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	08/05/25 13:20

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01A-0'	E507337-01A	Soil	07/28/25	07/30/25	Glass Jar, 2 oz.
SS02A-0'	E507337-02A	Soil	07/28/25	07/30/25	Glass Jar, 2 oz.
SS03A-0'	E507337-03A	Soil	07/28/25	07/30/25	Glass Jar, 2 oz.
SS05A-0'	E507337-04A	Soil	07/28/25	07/30/25	Glass Jar, 2 oz.
SS07A-0'	E507337-05A	Soil	07/28/25	07/30/25	Glass Jar, 2 oz.
SS08A-0'	E507337-06A	Soil	07/28/25	07/30/25	Glass Jar, 2 oz.
SS09A-0'	E507337-07A	Soil	07/28/25	07/30/25	Glass Jar, 2 oz.
SS11A-0'	E507337-08A	Soil	07/28/25	07/30/25	Glass Jar, 2 oz.
FS08-1'	E507337-09A	Soil	07/28/25	07/30/25	Glass Jar, 2 oz.
FS13-1'	E507337-10A	Soil	07/28/25	07/30/25	Glass Jar, 2 oz.
FS16-1'	E507337-11A	Soil	07/28/25	07/30/25	Glass Jar, 2 oz.

Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/5/2025 1:20:21PM

SS01A-0' E507337-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: BA		Batch: 2531088
Benzene	ND	0.0250	1	07/30/25	07/31/25	
Ethylbenzene	ND	0.0250	1	07/30/25	07/31/25	
Toluene	ND	0.0250	1	07/30/25	07/31/25	
o-Xylene	ND	0.0250	1	07/30/25	07/31/25	
p,m-Xylene	ND	0.0500	1	07/30/25	07/31/25	
Total Xylenes	ND	0.0250	1	07/30/25	07/31/25	
Surrogate: 4-Bromochlorobenzene-PID		107 %	70-130	07/30/25	07/31/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: BA		Batch: 2531088
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/25	07/31/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.6 %	70-130	07/30/25	07/31/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2531141
Diesel Range Organics (C10-C28)	42.4	25.0	1	07/31/25	08/01/25	
Oil Range Organics (C28-C36)	73.6	50.0	1	07/31/25	08/01/25	
Surrogate: n-Nonane		88.2 %	61-141	07/31/25	08/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: DT		Batch: 2531126
Chloride	325	20.0	1	07/31/25	07/31/25	

Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/5/2025 1:20:21PM

SS02A-0' E507337-02

		E30/33/-02				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2531088
Benzene	ND	0.0250	1	07/30/25	07/31/25	
Ethylbenzene	ND	0.0250	1	07/30/25	07/31/25	
Toluene	ND	0.0250	1	07/30/25	07/31/25	
o-Xylene	ND	0.0250	1	07/30/25	07/31/25	
p,m-Xylene	ND	0.0500	1	07/30/25	07/31/25	
Total Xylenes	ND	0.0250	1	07/30/25	07/31/25	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	07/30/25	07/31/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2531088
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/25	07/31/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.6 %	70-130	07/30/25	07/31/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2531141
Diesel Range Organics (C10-C28)	ND	25.0	1	07/31/25	08/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/31/25	08/01/25	
Surrogate: n-Nonane		88.0 %	61-141	07/31/25	08/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2531126
Chloride	527	20.0	1	07/31/25	07/31/25	·



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/5/2025 1:20:21PM

SS03A-0' E507337-03

	E307557 05				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: BA		Batch: 2531088
ND	0.0250	1	07/30/25	07/31/25	
ND	0.0250	1	07/30/25	07/31/25	
ND	0.0250	1	07/30/25	07/31/25	
ND	0.0250	1	07/30/25	07/31/25	
ND	0.0500	1	07/30/25	07/31/25	
ND	0.0250	1	07/30/25	07/31/25	
	108 %	70-130	07/30/25	07/31/25	
mg/kg	mg/kg	Anal	yst: BA		Batch: 2531088
ND	20.0	1	07/30/25	07/31/25	
	98.3 %	70-130	07/30/25	07/31/25	
mg/kg	mg/kg	Anal	yst: NV		Batch: 2531141
ND	25.0	1	07/31/25	08/01/25	
ND	50.0	1	07/31/25	08/01/25	
	88.7 %	61-141	07/31/25	08/01/25	
mg/kg	mg/kg	Anal	yst: DT		Batch: 2531126
130	20.0	1	07/31/25	07/31/25	
	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 0.0500 ND 0.0250 I08 % mg/kg mg/kg mg/kg ND 20.0 98.3 % mg/kg ND 25.0 ND 50.0 88.7 % 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 0.0500 1 ND 0.0250 1 ND 0.0250 1 MD 0.0250 1 MB/kg mg/kg Anal ND 20.0 1 98.3 % 70-130 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 88.7 % 61-141 mg/kg mg/kg Anal	Reporting Result Limit Dilution Prepared mg/kg Analyst: BA ND 0.0250 1 07/30/25 ND 0.0250 1 07/30/25 ND 0.0250 1 07/30/25 ND 0.0250 1 07/30/25 ND 0.0500 1 07/30/25 ND 0.0250 1 07/30/25 mg/kg mg/kg Analyst: BA ND 20.0 1 07/30/25 mg/kg mg/kg Analyst: NV ND 25.0 1 07/31/25 ND 50.0 1 07/31/25 ND 50.0 1 07/31/25 ND 50.0 1 07/31/25 mg/kg mg/kg Analyst: DT	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 07/30/25 07/31/25 ND 0.0500 1 07/30/25 07/31/25 ND 0.0250 1 07/30/25 07/31/25 mg/kg mg/kg Analyst: BA ND 20.0 1 07/30/25 07/31/25 mg/kg mg/kg Analyst: BA ND 20.0 1 07/30/25 07/31/25 mg/kg mg/kg Analyst: NV ND 25.0 1 07/31/25 08/01/25 ND 50.0 1 07/31/25 08/01/25 ND 50.0 1 07/31/25 08/01/25



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/5/2025 1:20:21PM

SS05A-0'

		E507337-04				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2531088
Benzene	ND	0.0250	1	07/30/25	07/31/25	
Ethylbenzene	ND	0.0250	1	07/30/25	07/31/25	
Toluene	ND	0.0250	1	07/30/25	07/31/25	
o-Xylene	ND	0.0250	1	07/30/25	07/31/25	
p,m-Xylene	ND	0.0500	1	07/30/25	07/31/25	
Total Xylenes	ND	0.0250	1	07/30/25	07/31/25	
Surrogate: 4-Bromochlorobenzene-PID		108 %	70-130	07/30/25	07/31/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2531088
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/25	07/31/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.2 %	70-130	07/30/25	07/31/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2531141
Diesel Range Organics (C10-C28)	101	25.0	1	07/31/25	08/02/25	
Oil Range Organics (C28-C36)	63.7	50.0	1	07/31/25	08/02/25	
Surrogate: n-Nonane		89.7 %	61-141	07/31/25	08/02/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2531126
Chloride	ND	20.0	1	07/31/25	07/31/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/5/2025 1:20:21PM

SS07A-0' E507337-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2531088
Benzene	ND	0.0250	1	07/30/25	07/31/25	
Ethylbenzene	ND	0.0250	1	07/30/25	07/31/25	
Toluene	ND	0.0250	1	07/30/25	07/31/25	
o-Xylene	ND	0.0250	1	07/30/25	07/31/25	
p,m-Xylene	ND	0.0500	1	07/30/25	07/31/25	
Total Xylenes	ND	0.0250	1	07/30/25	07/31/25	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	07/30/25	07/31/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2531088
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/25	07/31/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.4 %	70-130	07/30/25	07/31/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2531141
Diesel Range Organics (C10-C28)	51.3	25.0	1	07/31/25	08/02/25	
Oil Range Organics (C28-C36)	51.6	50.0	1	07/31/25	08/02/25	
Surrogate: n-Nonane		87.4 %	61-141	07/31/25	08/02/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2531126
Chloride	ND	20.0	1	07/31/25	07/31/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/5/2025 1:20:21PM

SS08A-0'

		E507337-06				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2531088
Benzene	ND	0.0250	1	07/30/25	07/31/25	
Ethylbenzene	ND	0.0250	1	07/30/25	07/31/25	
Toluene	ND	0.0250	1	07/30/25	07/31/25	
o-Xylene	ND	0.0250	1	07/30/25	07/31/25	
p,m-Xylene	ND	0.0500	1	07/30/25	07/31/25	
Total Xylenes	ND	0.0250	1	07/30/25	07/31/25	
Surrogate: 4-Bromochlorobenzene-PID		107 %	70-130	07/30/25	07/31/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2531088
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/25	07/31/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.3 %	70-130	07/30/25	07/31/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: NV		Batch: 2531141
Diesel Range Organics (C10-C28)	148	25.0	1	07/31/25	08/02/25	
Oil Range Organics (C28-C36)	159	50.0	1	07/31/25	08/02/25	
Surrogate: n-Nonane		88.8 %	61-141	07/31/25	08/02/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: DT		Batch: 2531126
Chloride	ND	20.0	1	07/31/25	07/31/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/5/2025 1:20:21PM

SS09A-0' E507337-07

		E30/33/-0/				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: BA		Batch: 2531088
Benzene	ND	0.0250	1	07/30/25	07/31/25	
Ethylbenzene	ND	0.0250	1	07/30/25	07/31/25	
Toluene	ND	0.0250	1	07/30/25	07/31/25	
o-Xylene	ND	0.0250	1	07/30/25	07/31/25	
p,m-Xylene	ND	0.0500	1	07/30/25	07/31/25	
Total Xylenes	ND	0.0250	1	07/30/25	07/31/25	
Surrogate: 4-Bromochlorobenzene-PID		109 %	70-130	07/30/25	07/31/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: BA		Batch: 2531088
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/25	07/31/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.9 %	70-130	07/30/25	07/31/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2531141
Diesel Range Organics (C10-C28)	27.0	25.0	1	07/31/25	08/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/31/25	08/02/25	
Surrogate: n-Nonane		89.4 %	61-141	07/31/25	08/02/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: DT		Batch: 2531126
Chloride	ND	20.0	1	07/31/25	07/31/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/5/2025 1:20:21PM

SS11A-0' E507337-08

	E307557 00				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: BA		Batch: 2531088
ND	0.0250	1	07/30/25	07/31/25	
ND	0.0250	1	07/30/25	07/31/25	
ND	0.0250	1	07/30/25	07/31/25	
ND	0.0250	1	07/30/25	07/31/25	
ND	0.0500	1	07/30/25	07/31/25	
ND	0.0250	1	07/30/25	07/31/25	
	109 %	70-130	07/30/25	07/31/25	
mg/kg	mg/kg	Anal	yst: BA		Batch: 2531088
ND	20.0	1	07/30/25	07/31/25	
	97.7 %	70-130	07/30/25	07/31/25	
mg/kg	mg/kg	Anal	yst: NV		Batch: 2531141
37.1	25.0	1	07/31/25	08/02/25	
ND	50.0	1	07/31/25	08/02/25	
	85.8 %	61-141	07/31/25	08/02/25	
mg/kg	mg/kg	Anal	yst: DT		Batch: 2531126
ND	20.0	1	07/31/25	07/31/25	
	mg/kg ND ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg 37.1 ND	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 97.7 % mg/kg mg/kg mg/kg 37.1 25.0 ND 50.0 85.8 % 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 1 109 % 70-130 mg/kg mg/kg Anal ND 20.0 1 97.7 % 70-130 1 mg/kg mg/kg Anal 37.1 25.0 1 ND 50.0 1 85.8 % 61-141 mg/kg mg/kg Anal	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 07/30/25 ND 0.0250 1 07/30/25 ND 0.0250 1 07/30/25 ND 0.0250 1 07/30/25 ND 0.0500 1 07/30/25 ND 0.0250 1 07/30/25 mg/kg mg/kg Analyst: BA ND 20.0 1 07/30/25 mg/kg mg/kg Analyst: NV 37.1 25.0 1 07/31/25 ND 50.0 1 07/31/25 ND 50.0 1 07/31/25 MD 50.0 1 07/31/25 Mg/kg Mg/kg Analyst: DT	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 07/30/25 07/31/25 ND 0.0500 1 07/30/25 07/31/25 ND 0.0250 1 07/30/25 07/31/25 MD 0.0250 1 07/30/25 07/31/25 mg/kg mg/kg Analyst: BA ND 20.0 1 07/30/25 07/31/25 mg/kg mg/kg Analyst: BA ND 20.0 1 07/30/25 07/31/25 mg/kg mg/kg Analyst: NV 37.1 25.0 1 07/31/25 08/02/25 ND 50.0 1 07/31/25 08/02/25 ND 50.0



Matador Res	ources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Fr	eeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 7	5240	Project Manager:	Ashley Giovengo	8/5/2025 1:20:21PM

FS08-1'

E507337-	\mathbf{n}
H.5U / 5 5 /-	шч

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: BA		Batch: 2531088
Benzene	ND	0.0250	1	07/30/25	07/31/25	
Ethylbenzene	ND	0.0250	1	07/30/25	07/31/25	
Toluene	ND	0.0250	1	07/30/25	07/31/25	
o-Xylene	ND	0.0250	1	07/30/25	07/31/25	
p,m-Xylene	ND	0.0500	1	07/30/25	07/31/25	
Total Xylenes	ND	0.0250	1	07/30/25	07/31/25	
Surrogate: 4-Bromochlorobenzene-PID		111 %	70-130	07/30/25	07/31/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	Ana	Analyst: BA		Batch: 2531088
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/25	07/31/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.4 %	70-130	07/30/25	07/31/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	Ana	Analyst: NV		Batch: 2531141
Diesel Range Organics (C10-C28)	315	25.0	1	07/31/25	08/02/25	
Oil Range Organics (C28-C36)	130	50.0	1	07/31/25	08/02/25	
Surrogate: n-Nonane		87.9 %	61-141	07/31/25	08/02/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: DT		Batch: 2531126
	120	20.0		07/31/25	07/31/25	· · · · · · · · · · · · · · · · · · ·



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/5/2025 1:20:21PM

FS13-1'

E507337-10

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2531088
Benzene	ND	0.0250	1	07/30/25	07/31/25	
Ethylbenzene	ND	0.0250	1	07/30/25	07/31/25	
Toluene	ND	0.0250	1	07/30/25	07/31/25	
o-Xylene	ND	0.0250	1	07/30/25	07/31/25	
p,m-Xylene	ND	0.0500	1	07/30/25	07/31/25	
Total Xylenes	ND	0.0250	1	07/30/25	07/31/25	
Surrogate: 4-Bromochlorobenzene-PID		110 %	70-130	07/30/25	07/31/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	Ana	Analyst: BA		Batch: 2531088
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/25	07/31/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.1 %	70-130	07/30/25	07/31/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2531141
Diesel Range Organics (C10-C28)	ND	25.0	1	07/31/25	08/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/31/25	08/02/25	
Surrogate: n-Nonane		90.8 %	61-141	07/31/25	08/02/25	
	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2531126
Anions by EPA 300.0/9056A	1116/116	88		<u> </u>		



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/5/2025 1:20:21PM

FS16-1'

E507337-11

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2531088
Benzene	ND	0.0250	1	07/30/25	07/31/25	
Ethylbenzene	ND	0.0250	1	07/30/25	07/31/25	
Toluene	ND	0.0250	1	07/30/25	07/31/25	
o-Xylene	ND	0.0250	1	07/30/25	07/31/25	
p,m-Xylene	ND	0.0500	1	07/30/25	07/31/25	
Total Xylenes	ND	0.0250	1	07/30/25	07/31/25	
Surrogate: 4-Bromochlorobenzene-PID		111 %	70-130	07/30/25	07/31/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2531088
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/25	07/31/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.7 %	70-130	07/30/25	07/31/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2531141
Diesel Range Organics (C10-C28)	35.0	25.0	1	07/31/25	08/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/31/25	08/02/25	
Surrogate: n-Nonane		88.8 %	61-141	07/31/25	08/02/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: DT		Batch: 2531126
	56.2	20.0		07/31/25	07/31/25	•



QC Summary Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Project Number: 23003-0002
Dallas TX, 75240

Project Manager: Ashley Giovengo

Volatile Organics by EPA 8021B

Analyte

Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Result
Resu

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2531088-BLK1)							Prepared: 0	7/30/25 Analy	zed: 07/31/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.41		8.00		105	70-130			
LCS (2531088-BS1)							Prepared: 0	7/30/25 Analy	zed: 07/31/25
Benzene	5.45	0.0250	5.00		109	70-130			
Ethylbenzene	5.26	0.0250	5.00		105	70-130			
Toluene	5.37	0.0250	5.00		107	70-130			
o-Xylene	5.15	0.0250	5.00		103	70-130			
p,m-Xylene	10.6	0.0500	10.0		106	70-130			
Total Xylenes	15.7	0.0250	15.0		105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.34		8.00		104	70-130			
Matrix Spike (2531088-MS1)				Source:	E507327-	05	Prepared: 0	7/30/25 Analy	zed: 07/31/25
Benzene	5.21	0.0250	5.00	ND	104	70-130			
Ethylbenzene	5.02	0.0250	5.00	ND	100	70-130			
Toluene	5.13	0.0250	5.00	ND	103	70-130			
o-Xylene	4.90	0.0250	5.00	ND	98.0	70-130			
p,m-Xylene	10.1	0.0500	10.0	ND	101	70-130			
Total Xylenes	15.0	0.0250	15.0	ND	99.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.34		8.00		104	70-130			
Matrix Spike Dup (2531088-MSD1)				Source:	E507327-	05	Prepared: 0	7/30/25 Analy	zed: 07/31/25
Benzene	5.65	0.0250	5.00	ND	113	70-130	7.99	27	
Ethylbenzene	5.43	0.0250	5.00	ND	109	70-130	7.87	26	
Toluene	5.56	0.0250	5.00	ND	111	70-130	8.09	20	
o-Xylene	5.31	0.0250	5.00	ND	106	70-130	8.08	25	
p,m-Xylene	10.9	0.0500	10.0	ND	109	70-130	7.75	23	
Total Xylenes	16.2	0.0250	15.0	ND	108	70-130	7.86	26	

8.00

8.26

103

70-130

Surrogate: 4-Bromochlorobenzene-PID

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Matador Resources, LLC.Project Name:Dagger State TBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo8/5/20251:20:21PM

Dallas TX, 75240		Project Manage	r: As	shley Gioveng	go			8/.	5/2025 1:20:21PM
	Nor	halogenated	Organics	by EPA 80	15D - G	RO			Analyst: BA
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec	Rec Limits	RPD %	RPD Limit %	Notes
					70	70			110103
Blank (2531088-BLK1)							Prepared: 0	7/30/25 Anal	yzed: 07/31/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.6	70-130			
LCS (2531088-BS2)							Prepared: 0	7/30/25 Anal	yzed: 07/31/25
Gasoline Range Organics (C6-C10)	53.6	20.0	50.0		107	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.79		8.00		97.3	70-130			
Matrix Spike (2531088-MS2)				Source:	E507327-	05	Prepared: 0	7/30/25 Anal	yzed: 07/31/25
Gasoline Range Organics (C6-C10)	53.0	20.0	50.0	ND	106	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.82		8.00		97.7	70-130			
Matrix Spike Dup (2531088-MSD2)				Source:	E507327-	05	Prepared: 0	7/30/25 Anal	yzed: 07/31/25
Gasoline Range Organics (C6-C10)	51.5	20.0	50.0	ND	103	70-130	2.85	20	

8.00

7.88

98.4

70-130

QC Summary Data

Matador Resources, LLC.	Project Name:	Dagger State TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/5/2025 1:20:21PM

Dallas 1A, 73240		1 Toject Wanage		onicy Glovens					0/9/2029 1.20.211141
	Nonha	logenated Or	ganics by	EPA 8015I	O - 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 (2531141-BLK1)							Prepared: 0	7/31/25 Ar	nalyzed: 08/01/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	43.4		50.0		86.9	61-141			
LCS (2531141-BS1)							Prepared: 0	7/31/25 Ar	nalyzed: 08/01/25
Diesel Range Organics (C10-C28)	255	25.0	250		102	66-144			
Surrogate: n-Nonane	43.8		50.0		87.7	61-141			
Matrix Spike (2531141-MS1)				Source:	E507337-0)9	Prepared: 0	7/31/25 Ar	nalyzed: 08/01/25
Diesel Range Organics (C10-C28)	559	25.0	250	315	97.7	56-156			
Surrogate: n-Nonane	45.3		50.0		90.6	61-141			
Matrix Spike Dup (2531141-MSD1)				Source:	E507337-0	09	Prepared: 0	7/31/25 Ar	nalyzed: 08/01/25
Diesel Range Organics (C10-C28)	556	25.0	250	315	96.1	56-156	0.706	20	
Surrogate: n-Nonane	44.4		50.0		88.8	61-141			



Chloride

M1, R3

QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500		Project Name: Project Number:		Dagger State TB 23003-0002					Reported:
Dallas TX, 75240		Project Manager:		Ashley Giovengo)				8/5/2025 1:20:21PM
		Anions	by EPA	300.0/9056A					Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2531126-BLK1)							Prepared: 0	7/31/25 A	analyzed: 07/31/25
Chloride	ND	20.0							
LCS (2531126-BS1)							Prepared: 0	7/31/25 A	analyzed: 07/31/25
Chloride	254	20.0	250		101	90-110			
Matrix Spike (2531126-MS1)				Source: I	E 507337 -	02	Prepared: 0	7/31/25 A	analyzed: 07/31/25
Chloride	773	20.0	250	527	98.2	80-120			
Matrix Spike Dup (2531126-MSD1)				Source: I	E 507337 -	02	Prepared: 0	7/31/25 A	analyzed: 07/31/25

250

20.0

171

80-120

21.0

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:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	08/05/25 13:20

M1 Matrix spike recovery was above acceptance limits. The associated LCS spike recovery was acceptable.

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

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



	-
	-
	-
	-
	Dem
-	20
200	-
THE RESERVE OF THE PARTY OF THE	(0)
Ell com-	-
THE PERSON NAMED IN	Page 22
	1/7
MATERIAL PROPERTY.	-
- III	1

Page 1 of 2

Received by OCD: 8/29/2025 3:51:01 PM

Chain	of Cu	usto	dy
-------	-------	------	----

diverse.	Clie	nt Inform	nation				Invoice Ir	nformation				La	ab Us	e On	ly				TA	T			State	e	
Client: M	atador Prod	luction Co	ompany		500	Co	mpany: Ensolum	LLC		Lab	WO	Ħ		Job I	Num	ber_		1D	2D	3D St	d	NMI	OUT	TX	a Velsa
Project: D	agger State	TB				Ad	ldress: 3122 Natio	nal Parks Hwy		_ E	50	# 733	57.	2			717			X		X			
Project M	anager: Ash	nley Giove	engo			Cit	y, State, Zip: Carls	bad NM, 88220	0		YEAR.													PARTIE NAME	
Address:	3122 Nation	nal Parks	Hwy			Ph	one: 575-988-00	55						Ana	lysis	and	Meti	nod				EPA	Progra	m	
	e, Zip: Carlsl		88220			En	nail: agiovengo@	ensolum.com					A Rig								SE	AWG	CWA	RCRA	
Phone: 5	75-988-0055	5				Mis	cellaneous:									2.0							H. Miss		Vertile 110
Email: ag	iovengo@e	nsolum.co	om						Malle.		015	215								Val.	-	npliance	Y	or N	
											by 8	by 8(8021	09	0.00	M	Ķ.	tals			PW	/SID #			
				Sam	ple Info	rmatic	on				8	ORO	3y 8C	y 82	de 3(N - 2	- 500	3 Me							
Time Sampled	Date Sampled	Matrix	No. of Containers				Sample ID		Field	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005	RCRA 8 Metals				R	emarks		
8:38	7/28/2025	S	1				SS01A-0'			1						X					2	9.6	C	mon	Hed .
8:43	7/28/2025	S.	1				SS02A-0'			2						Х					8		S	mole	done
8:46	7/28/2025	S	1	History			SS03A-0'			3						х						0.	00	2001	- Compa
8:48	7/28/2025	S	1		Milay		SS05A-0'			U		1000				Х					-	(0	P	10.1	ALICA.
8:50	7/28/2025	S	1				SS07A-0'			1						Х					1.	V	•	NOOLS	s un
0.51	7/28/2025						SS08A-0'			5									-		1.	8			
8:51		S	1							(0						X					2	4			
9:01	7/28/2025	S	1				SS09A-0'			7						X					13	0			
9:04	7/28/2025	S	1				SS11A-0'			8						X					2	2			
14:43	7/28/2025	S	1		TAR		FS08-1'			01						Х					2.	0			
14:48	7/28/2025	S	1				FS13-1'			10				No.		Х					1	7			
Additions	Instruction	ne: Blon	co CC: ch	urton@on	scolum e	com o	giovengo@ensolu	m com chamil	ton/	Doncolum	2 501	n ios	trolle		soul		h	-1		Donasi	1	0			
Marie Committee							nsolum.com	m.com, chamin	tone	pensolui	11.001	ii, ies	Liena	wei	isoui	m.cc	iii, b	Simm	onse	wensor	um.ce	om,			
							tampering with or intenti	ionally mislabeling th	ne samı	ple location,	date c	r time	of colle	ection i	s consi	dered	fraud a	nd may	be gr	ounds for	legal ac	tion.			
Sampled by:	Aboubakar	Kone																	100						T Galleri
Relinquished	d by: (Signatur	el.	Date 7/	129/20	Time 7	11	Received by: (Signatur	re) gonzales	Date 7.	29.25	Time	711										eceived on i			
Relinguished	d by: (Signatur	e)	Date		Time		Received by: (Signatur		Date	1100	Time	1 -1				tuhten	uent da	IT.	97	Lab L	Jse O	nlv			
Mich	d by (Signatur	ingage	8 7-	29.25	140	0	Marissa &		7-	29-25	1	400				Rece	ived	on ice	:	(Y)/ N					
Relinquished	d by: (Signatur	e)	Date		Time	-	Received by: (Signaty)	je)	Date	1000	Time		,							0					
	na Ban		, 7.	29.25	172	0	Adew Il.		1:1	9:15		17	00		FIR.	T1				Τ2		_ I	3		
Relinquishe	by (Signatur	e) =	Date	2001	Time		Received by Signatur	re) M M .	Date	28 2-	Time	7			7										1000
from	M.	and to the	1/:	14.15	13	0	auch -	TIVOUL	100	20.72	0	glass	D	10/61			Tem			7/201					1788
	ix: S-Soil, Sd - S					other ar	rrangements are made	Hazardous sampl		he return											thoan	abusis of t	ho above	samples is	
							liability of the laborat							useu (n at tr	ie cile	nt exp	ense. I	ne re	:port for	tile an	aiysis of t	ne above	samples is	

6

envirotech

Client Information

No. of

Containers

1

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com,

Client: Matador Production Company

Project Manager: Ashley Giovengo

Address: 3122 National Parks Hwy

Email: agiovengo@ensolum.com

Date Sampled

7/28/2025

City, State, Zip: Carlsbad NM, 88220

Project: Dagger State TB

Phone: 575-988-0055

Sampled

15:28

Received by OCD: 8/29/2025 3:51:01 PM

Miscellaneous:

Sample Information

Invoice Information					La	ab Us	e Or	ily	(7	300		T	AT				State	e
ompany: Ensolum LLC			Lab	WO					ber		1D	2D	3D	Std		NMIC	OUT	The survey
ddress: 3122 National Parks Hwy			E	TOC	33	37,	23	003	CO	52				X		X	0 01	1//
ity, State, Zip: Carlsbad NM, 8822	0				O TABLE						3 12.3	(Valor)		W. I		ICS NO.		
hone: 575-988-0055							Ana	alysis	and	Met	hod					EPA	Progra	am
mail: agiovengo@ensolum.com							1								SDV	VA	CWA	RCR
scellaneous:								10.31										
				015	015											liance	Y	or
			2.17	by 8	by 8	170	09	0.00	Σ	¥	etals				PWSI	D#		
on	h .			ORO	ORO	39 80	y 82	de 3	C-N	900	8 Me							
Sample ID	Field Filter	La Num	b ber	DRO/ORO by 8015	GRO/I	BTEX by 8021	VOC b	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals					R	emarks	
FS16-0'1'		11							X						3.	1		
													4					
																	14.55	
	To the second																	
															MIS.			
		K																
											040							
					2138													Megally.
						1311	KRY	Mel	201					1				

zonzalez@ensolum.com, bmoir@ensolum.com, oaderinto@ensolum.com									
(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.									
ampled by:Aboubakar Kone									
Relinquished by: (Signature) Date Time Received by: (Signature) Date Time Samples requiring thermal preservation must be received on ice the description of the sampled or received packed in ice at an avg temp above 0 but less that									
The first of the state of the s	i o Cun								
Received by: (Signature) Date Time Received by: (Signature) Date 7-2925 Time 1400 Received on ice: CY) N									
heceived office.									
Relinquished by: (Signature) Date Time Received by: (Signature) Date Time									
Marissa Donzales 7-29-25 1729 1/20 1. 92.925 1730 11 12 13									
Relinfuished by: (Signature) Date Time 10 Received by: (Signature) Date Time									
Ardow VL. 7:435 (30 (auth 1/42- 7:5). 15 (30) AVG Temp °C									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA									

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



@ envirotech

	P
	ge
	22:
L	9
	37
	S

Chain of Custody

	Clic	nt Inform	ation			Invoice Info	rmation				la	b Us	e On	lv	6040	110 1		TA	Г		State	
Client: Matador Production Company Project: Dagger State TB Project Manager: Ashley Giovengo			Com Addi	2	Lab	WO#			Job N	luml	ber S•OC	12	1D	13177.40	3D Std	NM X	CO UT					
Address:	3122 Nation	nal Parks	Hwy		City, State, Zip: Carlsbad NM, 88220 Phone: 575-988-0055								Ana	lysis	and	Met	hod			SDWA	A Progra	m RCRA
Phone: 5	e, Zip: Carlsb 575-988-0055 giovengo@er	5			U-1/6	il: agiovengo@en llaneous:	solum.com			ıs	ъ									Compliano		or N
	gioverigo@ei	1301um.cc	JIII							DRO/ORO by 8015	by 8015	021	097	0.00	M	XT-	etals			PWSID#		
				Sample Inf	ormation					- 8 - 8	ORO	oy 8(ıy 82	de 3	ر- ۲	5007	8				Remarks	
Time Sampled	Date Sampled	Matrix	No. of Containers		S	ample ID		Field	Lab Number	DRO/C	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Remarks	
8:38	7/28/2025	S	1		S	S01A-0'									Х					2.6		
8:43	7/28/2025	S	1		S	S02A-0'			2						Х					2.4		
8:46	7/28/2025	S	1		S	S03A-0'			3						х					2.0		
8:48	7/28/2025	S	1		S	SS05A-0'			4						х					1.0		
8:50	7/28/2025	S	1		S	SS07A-0'			5						х					1.8		
8:51	7/28/2025	S	1		S	SS08A-0'			(0						х					2.4		
9:01	7/28/2025	S	1		S	SS09A-0'			7						Х					30		
9:04	7/28/2025	S	1		S	SS11A-0'			8						Х					2.2		
14:43	7/28/2025	S	1		į	FS08-1'			9						Х					a.0		
14:48	7/28/2025	S	1			FS13-1'			10						х					1.8		
Addition	al Instruction	ns: Plea	se CC: cbu	ırton@ensolun	n.com, ag	iovengo@ensolum.	com, chami	lton@	@ensolu	m.cor	n, ies	trell	a@er	ısou	lm.co	om, b	simr	mons(@ensolu	ım.com,		
igonzale I, (field sam	z@ensolum. pler), attest to the	com. bme e validity and	oir@ensol	um.com. oade of this sample. I am	rinto@en: aware that ta	solum.com Impering with or intentiona	ally mislabeling t	he sam	ple location	n, date o	or time	of coll	ection i	is cons	idered	fraud	and m	ay be gr	ounds for I	egal action.		
Sampled by	Aboubaka	r Kone							<u> </u>					1				15				
Relinquish	ed by: (Signatur	el	Date 7/	79/23 Time_	7-11	Received by: (Signature)	marles	Date 7.	29.25	Time	711								ice at an av	ust be received of g temp above 0		
	ed by (Signatur	0	Fo		00	Received by: (Signature)	nzales	_	29-25	_	400				Rec	eived	d on i	ce:	Lab U	se Only		
Relinquish	ed by: (Signatur	re) nales	7-7	29.25 172	25	Received by: (Signature)		Date 7:	19:25	Time	FF EACH/1993	30			<u>T1</u>				T2		<u>T3</u>	
Inde	ed by: (Signatur	re) [®]	Date 7.1		30	Received by: (Signature)	Nou	Date	30.25 tainer ly	Time	α)	oly/p	astic	AVC	Ten	np °C	SS V -	VOAT			
Nample Ma	trix: 5 - Soil, Sd - S	olia, Sg - Slu	uge, A - Aqueo	ous, O - Other		Consideration 5		Com	currer Typ	b	D.033,	PP	~11/P		, 48		B.u.	, -				

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.



ring thermal preservation must be received on ice the day they beived packed in ice at an avg temp above 0 but less than 6 °C o	
on ice: Y N	
<u>T2</u> <u>T3</u>	
p °C	
glass, v - VOA	
ense. The report for the analysis of the above sa	mples is
nvirote	_

Page ____ of ___ ______

Chain	of	Custody
	10 18	

	Clie	nt Inforn	nation			Invoice Informat	ion				La	ab Us	se Or	nly	H.A	Hills		T	AT		Stati	Stat	е
Client: N	Matador Prod	uction Co	ompany		Co	mpany: Ensolum LLC			ab \	WO#		- Auto	Job	Num	ber		1D	2D	3D	Std	NM	CO UT	TX
Project: Dagger State TB					0.00000	dress: 3122 National Park	s Hwy		F	100	33	27	2	Num	00	12	-	11		Х	X		
Street - 1804 - 18-1 vol	Manager: Ash	0.00	engo			ty, State, Zip: Carlsbad NM				~ .	0	11.	40				9720		21110				
Address: 3122 National Parks Hwy Phone: 575-988-0055 Analys												alysis	and	Met	hod				E	PA Progra	am		
	e, Zip: Carlsl				Fr	nail: agiovengo@ensolur	n.com							Ė	Г	Π					SDWA	CWA	RCRA
	75-988-005				The state of the s	cellaneous:	11100111								1								
-	giovengo@e		om			cenaricous.				2	r.			l	1						Complian	ce Y	or N
Emain a	Bio verigo e e	isoranne			Say Say			VIII.		, 801	, 801			0.	_	×	sls				PWSID#		
-				Sam	ple Informati	on				30 by	(O by	802	8260	a 300	N.	T - 50	Meta						
Time Sampled	Date Sampled	Matrix	No. of Container	s		Sample ID	Field	Lat Numl		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals					Remarks	
15:28	7/28/2025	S	1			FS16-0'		11					_		X						3.1		
								1			-			-	2 8	-		-			0.1		
				1																			
								MARK!															
														\vdash	-	-		_					
																							.,
							8																
				-							-		-		\vdash	-			\vdash				
Addition	al Instructio	ns: Plea	se CC: o	burton@er	solum.com.	agiovengo@ensolum.com,	chamilton	@enso	lum	ı.con	n. ies	trell	l a@e	nsou	lm.c	om. l	simi	mons	l @en	solu	m.com.		
igonzale	z@ensolum.	com. bm	oir@en	solum.com.	oaderinto@e	ensolum.com													55-26		***		
I, (field sam	pler), attest to the	e validity and	d authentic	ity of this samp	le. I am aware tha	t tampering with or intentionally mis	labeling the sa	mple loca	tion, d	date o	r time	of coll	ection	is cons	sidered	d fraud	and m	ay be	ground	s for le	gal action.		
	:Aboubaka				T	_				-					I.								
Relinquish	ed by: (Signatur	9	Da	7/29/22	7: 1/	Received by: (Signature) Michelle Gonzo	res 7.	29-2	5	Time	5711				100	11/5	1000					on ice the day but less than (
Relinquish	ed by: (Signatur	e) onsal	es Da	te - 29.25	Time 1400	Received by: (Signature)	Date 7	-292	S	Time	400	2			Rec	eived	l on i	ce.		ab Us	e Only		
Relinguish	ed by: (Signatur	e)	Da	te	Time	Received by: (Signature)	Date	e		Time	17	0						(,			
	issa Ito	6	10	1-29.25	1725	from Il.		292			17	50			T1				<u>T2</u>		<u> </u>	<u>T3</u>	
	ed by: (Signatur	re)	Da	1.29.25	Time US0	Received by: (Signature)	In To	110/		Time					AVO	3 Ten	np °C						
Sample Mat	trix: S - Soil, Sd - S				er			ntainer							, ag -	amb	er gla	ss, v -					
						arrangements are made. Hazardo							osed	of at 1	the cli	ent ex	pense	. The	report	for th	ie analysis (of the abov	e samples is



envirotech Inc.

Printed: 7/30/2025 9:38:21AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

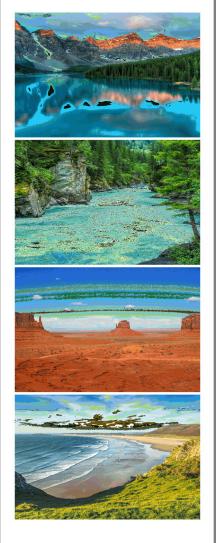
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Phone: (972) 371-5200 Date Logged In: 07/29/25 14:19 Logged In By: Caitlin Mars Email: agiovengo@ensolum.com Due Date: 08/05/25 17:00 (4 day TAT)	
Chair of Court du (COC)	
Chain of Courts In (COC)	
Chain of Custody (COC)	
1. Does the sample ID match the COC? Yes	
2. Does the number of samples per sampling site location match the COC Yes	
3. Were samples dropped off by client or carrier? Yes Carrier: Courier	
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion. Comments/Resolution	
Sample Turn Around Time (TAT)	
6. Did the COC indicate standard TAT, or Expedited TAT? Yes	
Sample Cooler	
7. Was a sample cooler received? Yes	
8. If yes, was cooler received in good condition? Yes	
9. Was the sample(s) received intact, i.e., not broken? Yes	
10. Were custody/security seals present? No	
11. If yes, were custody/security seals intact?	
AWA .	
Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.	
Sample Container 14 A VOC 1 1 2 2	
14. Are aqueous VOC samples present? No	
15. Are VOC samples collected in VOA Vials? NA	
16. Is the head space less than 6-8 mm (pea sized or less)? NA	
17. Was a trip blank (TB) included for VOC analyses? NA	
18. Are non-VOC samples collected in the correct containers? Yes	
19. Is the appropriate volume/weight or number of sample containers collected? Yes	
Field Label	
20. Were field sample labels filled out with the minimum information: Sample ID? Yes	
Collectors name? Yes Yes	
Sample Preservation	
21. Does the COC or field labels indicate the samples were preserved?	
22. Are sample(s) correctly preserved? NA	
24. Is lab filtration required and/or requested for dissolved metals?	
Multiphase Sample Matrix	
26. Does the sample have more than one phase, i.e., multiphase? No	
27. If yes, does the COC specify which phase(s) is to be analyzed? NA	
Subcontract Laboratory	
28. Are samples required to get sent to a subcontract laboratory? No 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA	
Client Instruction	

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: Dagger State TB

Work Order: E507348

Job Number: 23003-0002

Received: 7/31/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/6/25

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

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

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

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

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

Date Reported: 8/6/25

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

Project Name: Dagger State TB

Workorder: E507348

Date Received: 7/31/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/31/2025 8:00:00AM, under the Project Name: Dagger State TB.

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

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues 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
FS09-1'	5
FS10-1'	6
FS11-1'	7
FS12-1'	8
FS17-1'	9
FS18-1'	10
FS19-1'	11
FS20-1'	12
QC Summary Data	13
QC - Volatile Organics by EPA 8021B	13
QC - Nonhalogenated Organics by EPA 8015D - GRO	14
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	15
QC - Anions by EPA 300.0/9056A	16
Definitions and Notes	17
Chain of Custody etc.	18

Sample Summary

Matador Resources, LLC.	Project Name:	Dagger State TB	Donoutoda
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	08/06/25 15:12

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS09-1'	E507348-01A	Soil	07/29/25	07/31/25	Glass Jar, 2 oz.
FS10-1'	E507348-02A	Soil	07/29/25	07/31/25	Glass Jar, 2 oz.
FS11-1'	E507348-03A	Soil	07/29/25	07/31/25	Glass Jar, 2 oz.
FS12-1'	E507348-04A	Soil	07/29/25	07/31/25	Glass Jar, 2 oz.
FS17-1'	E507348-05A	Soil	07/29/25	07/31/25	Glass Jar, 2 oz.
FS18-1'	E507348-06A	Soil	07/29/25	07/31/25	Glass Jar, 2 oz.
FS19-1'	E507348-07A	Soil	07/29/25	07/31/25	Glass Jar, 2 oz.
FS20-1'	E507348-08A	Soil	07/29/25	07/31/25	Glass Jar, 2 oz.



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/6/2025 3:12:06PM

FS09-1'

		L307540 01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2531145
Benzene	ND	0.0250	1	07/31/25	08/04/25	
Ethylbenzene	ND	0.0250	1	07/31/25	08/04/25	
Toluene	ND	0.0250	1	07/31/25	08/04/25	
o-Xylene	ND	0.0250	1	07/31/25	08/04/25	
p,m-Xylene	ND	0.0500	1	07/31/25	08/04/25	
Total Xylenes	ND	0.0250	1	07/31/25	08/04/25	
Surrogate: 4-Bromochlorobenzene-PID		91.2 %	70-130	07/31/25	08/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2531145	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/31/25	08/04/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.4 %	70-130	07/31/25	08/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2531174
Diesel Range Organics (C10-C28)	75.8	25.0	1	08/01/25	08/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/25	08/04/25	
Surrogate: n-Nonane		91.5 %	61-141	08/01/25	08/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2531160
Chloride	363	20.0	1	08/01/25	08/01/25	

Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/6/2025 3:12:06PM

FS10-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2531145
Benzene	ND	0.0250	1	07/31/25	08/04/25	
Ethylbenzene	ND	0.0250	1	07/31/25	08/04/25	
Toluene	ND	0.0250	1	07/31/25	08/04/25	
o-Xylene	ND	0.0250	1	07/31/25	08/04/25	
p,m-Xylene	ND	0.0500	1	07/31/25	08/04/25	
Total Xylenes	ND	0.0250	1	07/31/25	08/04/25	
Surrogate: 4-Bromochlorobenzene-PID		89.6 %	70-130	07/31/25	08/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: SL		Batch: 2531145
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/31/25	08/04/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.9 %	70-130	07/31/25	08/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2531174
Diesel Range Organics (C10-C28)	483	25.0	1	08/01/25	08/04/25	
Oil Range Organics (C28-C36)	269	50.0	1	08/01/25	08/04/25	
Surrogate: n-Nonane		93.2 %	61-141	08/01/25	08/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2531160
Chloride	120	20.0	1	08/01/25	08/02/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/6/2025 3:12:06PM

FS11-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2531145
Benzene	ND	0.0250	1	07/31/25	08/04/25	
Ethylbenzene	ND	0.0250	1	07/31/25	08/04/25	
Toluene	ND	0.0250	1	07/31/25	08/04/25	
o-Xylene	ND	0.0250	1	07/31/25	08/04/25	
p,m-Xylene	ND	0.0500	1	07/31/25	08/04/25	
Total Xylenes	ND	0.0250	1	07/31/25	08/04/25	
Surrogate: 4-Bromochlorobenzene-PID		89.3 %	70-130	07/31/25	08/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2531145
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/31/25	08/04/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.1 %	70-130	07/31/25	08/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2531174
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/25	08/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/25	08/04/25	
Surrogate: n-Nonane		92.4 %	61-141	08/01/25	08/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: DT		Batch: 2531160
· · · · · · · · · · · · · · · · · · ·	165	20.0		08/01/25	08/02/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/6/2025 3:12:06PM

FS12-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2531145
Benzene	ND	0.0250	1	07/31/25	08/04/25	
Ethylbenzene	ND	0.0250	1	07/31/25	08/04/25	
Toluene	ND	0.0250	1	07/31/25	08/04/25	
o-Xylene	ND	0.0250	1	07/31/25	08/04/25	
p,m-Xylene	ND	0.0500	1	07/31/25	08/04/25	
Total Xylenes	ND	0.0250	1	07/31/25	08/04/25	
Surrogate: 4-Bromochlorobenzene-PID		90.6 %	70-130	07/31/25	08/04/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	Analyst: SL		Batch: 2531145	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/31/25	08/04/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.9 %	70-130	07/31/25	08/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2531174
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/25	08/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/25	08/04/25	
Surrogate: n-Nonane		96.4 %	61-141	08/01/25	08/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: DT		Batch: 2531160



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/6/2025 3:12:06PM

FS17-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2531145
Benzene	ND	0.0250	1	07/31/25	08/04/25	
Ethylbenzene	ND	0.0250	1	07/31/25	08/04/25	
Toluene	ND	0.0250	1	07/31/25	08/04/25	
o-Xylene	ND	0.0250	1	07/31/25	08/04/25	
p,m-Xylene	ND	0.0500	1	07/31/25	08/04/25	
Total Xylenes	ND	0.0250	1	07/31/25	08/04/25	
Surrogate: 4-Bromochlorobenzene-PID		91.0 %	70-130	07/31/25	08/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2531145
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/31/25	08/04/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.1 %	70-130	07/31/25	08/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2531174
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/25	08/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/25	08/04/25	
Surrogate: n-Nonane		96.5 %	61-141	08/01/25	08/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2531160
Chloride	109	20.0	1	08/01/25	08/02/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/6/2025 3:12:06PM

FS18-1'

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: SL		Batch: 2531145
ND	0.0250	1	07/31/25	08/04/25	
ND	0.0250	1	07/31/25	08/04/25	
ND	0.0250	1	07/31/25	08/04/25	
ND	0.0250	1	07/31/25	08/04/25	
ND	0.0500	1	07/31/25	08/04/25	
ND	0.0250	1	07/31/25	08/04/25	
	88.2 %	70-130	07/31/25	08/04/25	
mg/kg	mg/kg	Analyst: SL		Batch: 2531145	
ND	20.0	1	07/31/25	08/04/25	
	90.9 %	70-130	07/31/25	08/04/25	
mg/kg	mg/kg	Ana	lyst: NV		Batch: 2531174
ND	25.0	1	08/01/25	08/04/25	
ND	50.0	1	08/01/25	08/04/25	
	92.6 %	61-141	08/01/25	08/04/25	
mg/kg	mg/kg	Ana	lyst: DT		Batch: 2531160
	mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 88.2 % mg/kg MD 20.0 90.9 % mg/kg ND 25.0 ND 50.0 92.6 %	Result Limit Dilution mg/kg mg/kg Ana 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 88.2 % 70-130 mg/kg mg/kg Ana ND 20.0 1 90.9 % 70-130 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 92.6 % 61-141	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 07/31/25 ND 0.0250 1 07/31/25 ND 0.0250 1 07/31/25 ND 0.0250 1 07/31/25 ND 0.0500 1 07/31/25 ND 0.0250 1 07/31/25 mg/kg mg/kg Analyst: SL MD 20.0 1 07/31/25 mg/kg mg/kg Analyst: NV MD 25.0 1 08/01/25 ND 50.0 1 08/01/25 ND 50.0 1 08/01/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 07/31/25 08/04/25 ND 0.0500 1 07/31/25 08/04/25 ND 0.0250 1 07/31/25 08/04/25 mg/kg mg/kg Analyst: SL ND 20.0 1 07/31/25 08/04/25 mg/kg mg/kg Analyst: SL 08/04/25 mg/kg mg/kg Analyst: NV 08/04/25 ND 25.0 1 08/01/25 08/04/25 ND 50.0 1 08/01/25 08/04/25 ND 50.0 1 08/01/25 08/04/25



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/6/2025 3:12:06PM

FS19-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2531145
Benzene	ND	0.0250	1	07/31/25	08/04/25	
Ethylbenzene	ND	0.0250	1	07/31/25	08/04/25	
Toluene	ND	0.0250	1	07/31/25	08/04/25	
o-Xylene	ND	0.0250	1	07/31/25	08/04/25	
p,m-Xylene	ND	0.0500	1	07/31/25	08/04/25	
Total Xylenes	ND	0.0250	1	07/31/25	08/04/25	
Surrogate: 4-Bromochlorobenzene-PID		90.2 %	70-130	07/31/25	08/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2531145
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/31/25	08/04/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	07/31/25	08/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2531174
Diesel Range Organics (C10-C28)	41.4	25.0	1	08/01/25	08/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/25	08/04/25	
Surrogate: n-Nonane		95.2 %	61-141	08/01/25	08/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2531160



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/6/2025 3:12:06PM

FS20-1'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2531145
Benzene	ND	0.0250	1	07/31/25	08/04/25	
Ethylbenzene	ND	0.0250	1	07/31/25	08/04/25	
Toluene	ND	0.0250	1	07/31/25	08/04/25	
o-Xylene	ND	0.0250	1	07/31/25	08/04/25	
p,m-Xylene	ND	0.0500	1	07/31/25	08/04/25	
Total Xylenes	ND	0.0250	1	07/31/25	08/04/25	
Surrogate: 4-Bromochlorobenzene-PID		89.3 %	70-130	07/31/25	08/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	Analyst: SL		Batch: 2531145
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/31/25	08/04/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	07/31/25	08/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2531174
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/25	08/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/25	08/04/25	
Surrogate: n-Nonane		95.7 %	61-141	08/01/25	08/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2531160
Chloride	443	20.0	1	08/01/25	08/02/25	



QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500	Project Name: Project Number:	Dagger State TB 23003-0002	Reported:
Dallas TX, 75240	Project Number: Project Manager:	Ashley Giovengo	8/6/2025 3:12:06PM

Dallas TX, 75240		Project Manager:		shley Gioveng	0			8	/6/2025 3:12:06PM
				y EPA 802					Analyst: SL
Analyte	D. Iv	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	Result mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2531145-BLK1)							Prepared: 0	7/31/25 Ana	lyzed: 08/04/25
Benzene	ND	0.0250							-
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.91		8.00		86.4	70-130			
LCS (2531145-BS1)							Prepared: 0	7/31/25 Ana	lyzed: 08/04/25
Benzene	5.35	0.0250	5.00		107	70-130			
Ethylbenzene	5.25	0.0250	5.00		105	70-130			
Toluene	5.33	0.0250	5.00		107	70-130			
o-Xylene	5.23	0.0250	5.00		105	70-130			
p,m-Xylene	10.6	0.0500	10.0		106	70-130			
Total Xylenes	15.9	0.0250	15.0		106	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.14		8.00		89.2	70-130			
Matrix Spike (2531145-MS1)				Source: 1	E507347-0	04	Prepared: 0	7/31/25 Ana	lyzed: 08/05/25
Benzene	4.37	0.0250	5.00	ND	87.4	70-130			
Ethylbenzene	4.42	0.0250	5.00	ND	88.5	70-130			
Toluene	4.45	0.0250	5.00	ND	89.0	70-130			
o-Xylene	4.49	0.0250	5.00	ND	89.9	70-130			
p,m-Xylene	8.97	0.0500	10.0	ND	89.7	70-130			
Total Xylenes	13.5	0.0250	15.0	ND	89.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.84		8.00		85.5	70-130			
Matrix Spike Dup (2531145-MSD1)				Source: 1	E507347-0	04	Prepared: 0	7/31/25 Ana	lyzed: 08/05/25
Benzene	4.51	0.0250	5.00	ND	90.1	70-130	3.12	27	
Ethylbenzene	4.55	0.0250	5.00	ND	91.0	70-130	2.80	26	
Toluene	4.59	0.0250	5.00	ND	91.8	70-130	3.08	20	
o-Xylene	4.64	0.0250	5.00	ND	92.8	70-130	3.19	25	
p,m-Xylene	9.26	0.0500	10.0	ND	92.6	70-130	3.16	23	
Total Xylenes	13.9	0.0250	15.0	ND	92.7	70-130	3.17	26	
			0.00		05.0	50 120			



70-130

Surrogate: 4-Bromochlorobenzene-PID

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Matador Resources, LLC.Project Name:Dagger State TBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo8/6/20253:12:06PM

Dallas TX, 75240		Project Manage	r: As	shley Gioveng	go			8	/6/2025 3:12:06PM
	Nonhalogenated Organics by EPA 8015D - GRO								Analyst: SL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2531145-BLK1)							Prepared: 0	7/31/25 Ana	llyzed: 08/04/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.31		8.00		91.4	70-130			
LCS (2531145-BS2)							Prepared: 0	7/31/25 Ana	lyzed: 08/04/25
Gasoline Range Organics (C6-C10)	53.8	20.0	50.0		108	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.48		8.00		93.5	70-130			
Matrix Spike (2531145-MS2)				Source:	E507347-	04	Prepared: 0	7/31/25 Ana	lyzed: 08/04/25
Gasoline Range Organics (C6-C10)	54.3	20.0	50.0	ND	109	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		8.00		92.3	70-130			
Matrix Spike Dup (2531145-MSD2)				Source:	E507347-	04	Prepared: 0	7/31/25 Ana	lyzed: 08/05/25
Gasoline Range Organics (C6-C10)	52.8	20.0	50.0	ND	106	70-130	2.81	20	

8.00

7.47

93.4

70-130

QC Summary Data

Matador Resources, LLC.	Project Name:	Dagger State TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/6/2025 3:12:06PM

Dullus 171, 732 10		Troject Manage	. 715	mey Groveng	-								
	Nonhalogenated Organics by EPA 8015D - 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 (2531174-BLK1)							Prepared: 0	8/01/25 Analy	yzed: 08/04/25				
Diesel Range Organics (C10-C28)	ND	25.0											
Oil Range Organics (C28-C36)	ND	50.0											
Surrogate: n-Nonane	45.8		50.0		91.6	61-141							
LCS (2531174-BS1)							Prepared: 0	8/01/25 Analy	yzed: 08/04/25				
Diesel Range Organics (C10-C28)	283	25.0	250		113	66-144							
Surrogate: n-Nonane	47.3		50.0		94.6	61-141							
Matrix Spike (2531174-MS1)				Source:	E507350-0	07	Prepared: 0	8/01/25 Analy	yzed: 08/04/25				
Diesel Range Organics (C10-C28)	313	25.0	250	162	60.4	56-156							
Surrogate: n-Nonane	47.0		50.0		94.0	61-141							
Matrix Spike Dup (2531174-MSD1)				Source:	E507350-	07	Prepared: 0	8/01/25 Analy	yzed: 08/04/25				
Diesel Range Organics (C10-C28)	326	25.0	250	162	65.9	56-156	4.31	20					
Surrogate: n-Nonane	51.0		50.0		102	61-141							



Matrix Spike Dup (2531160-MSD1)

Chloride

QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager	: 2:	agger State Tl 3003-0002 shley Giovens					Reported: 8/6/2025 3:12:06PM
,				300.0/9056					Analyst: DT
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2531160-BLK1)							Prepared: 0	8/01/25 Aı	nalyzed: 08/01/25
Chloride	ND	20.0							-
LCS (2531160-BS1)							Prepared: 0	8/01/25 Aı	nalyzed: 08/01/25
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2531160-MS1)				Source:	E507341-	01	Prepared: 0	8/01/25 A1	nalyzed: 08/01/25
Chloride	846	20.0	250	631	86.0	80-120			

250

20.0

Source: E507341-01

76.0

80-120

3.01

QC Summary Report Comment:

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



Prepared: 08/01/25 Analyzed: 08/01/25

M2

20

Definitions and Notes

Γ	Matador Resources, LLC.	Project Name:	Dagger State TB	
l	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
l	Dallas TX, 75240	Project Manager:	Ashley Giovengo	08/06/25 15:12

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Received by OCD: 8/29/2025 3:51:01 PM

	Clien	nt Inforn	nation		Inv	oice Information			ı	ab U	se Or	nly				TA	T		
Client: M	atador				Company: En:			Lab WC	0#	-	Job	Num	ber .		1D 2	2D	3D St		С
	me: Dagge					National Parks Hwy		E50	त्र	18	a?	000	<u>3</u> &	000			X	X	L
	anager: Asl					Carlsbad NM, 8822	20	-									Hallos		_
	3122 Nation				Phone: 575-9				_	1	Ana	llysis	and	Met	nod			SDWA	PA
	, Zip: Carls		88220			ngo@ensolum.com				1								SUWA	╀
	75-988-005 iovengo@e		om		Miscellaneous:													Complian	L
ciliali. ag	loverigowe	iisoiuiii.c	.0111			VIENNAM TO THE		2108	8015			0		2				PWSID #	-
-				Sample Inf	ormation			- 2	O by	8021	3260	300.	XT - 2	Meta		MM	×	F-1-0-0-1	t
Time Sampled	Date Sampled	Matrix	No. of Containers	•	Sample ID		Field Filter unN gr	ab can	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX	Samle Temp	
1309	07/29/2025	s	1	FSC	19-1		1									х		34	
1045	07/29/2025	S	1	151	10-1'		12									X.		3.7	
1045	07/29/2025	S	1	FS	11-1	A	3	3								х		3.6	
1313	07/29/2025	s	1	15	2-1		4	5 74								х		4.0	
1314	07/29/2025	S	1	151	7-11		5	5								х		4.2	
1321	07/29/2025	s	1	1-5	18-1	- 4	()								х		3.8	
1325	07/29/2025	S	1	FS	19-1	The state of the s	17									х		4.0	Ī
1326	07/29/2025	s	1	FC	20-1	-	8									х		3.4	T
(0)	The second second				,					T									İ
						1		3/18											T
						@ensolum.com, ies													_
	er), attest to the Higinio Gonzalez			of this sample. I am	aware that tampering with	or intentionally mislabeling		ocation, da	te or ti	ne of co	ollectio	n is co	nsidere	ed frau	d and m	nay be	grounds		
Cyl	d by: (Signatur	Pl		Date 1-30-2	5 Time	Received by: (Signate Michielle	Ganz	ales		7-30).)	S		080	00			Samples represervation	mı
VVlic	dby: (Signatur	Gova	ales	7-30.25	1430	Received by: (Signat	Don.	jales	Dat	-30	23	3	-	+37)		120000	ice the day t	ke
Mar		ons	rles	7.30.25	1903	Received by: (Signat			Dat	7.2	0.	25	Time	10	702	2	,	above 0 bu subse	eq
Relinquis	d by: (Signatur	re)		7.30.2	5 Time 2300	Received by: Signat	ure In Ora	_	Dat	. 21	1.0	~	Time	m				Lab Recei	_

samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech Inc.

Printed: 7/31/2025 11:04:35AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Matador Resources, LLC.	Date Received:	07/31/25	08:00	Work Order ID:	E507348
Phone:	(972) 371-5200	Date Logged In:	07/30/25	14:54	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	08/06/25	17:00 (4 day TAT)		
Chain of	Custody (COC)					
	he sample ID match the COC?		Yes			
	he number of samples per sampling site location ma	tch the COC	Yes			
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: Courier		
	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes			
5. Were a	Ill samples received within holding time? Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss	•	Yes		<u>Comment</u>	ts/Resolution
Sample 7	<u>Furn Around Time (TAT)</u>					
	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (
	sample cooler received?		Yes			
	was cooler received in good condition?		Yes			
9. Was th	e sample(s) received intact, i.e., not broken?		Yes			
	custody/security seals present?					
	were custody/security seals intact?		No			
			NA			
	ne sample received on ice? Note: Thermal preservation is not required, if samples a 15 minutes of sampling		Yes			
	COC for individual sample temps. Samples outside of	of 0-C-6-C will be	recorded	in comments.		
	Container 1 (2)		3.7			
	queous VOC samples present?		No			
	/OC samples collected in VOA Vials?		NA NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?	0	NA			
	on-VOC samples collected in the correct containers		Yes			
	appropriate volume/weight or number of sample conta	iners collected?	Yes			
Field La						
	field sample labels filled out with the minimum infample ID?	ormation:	Yes			
	Patriple 1D? Date/Time Collected?					
	Collectors name?		Yes Yes			
Sample I	Preservation_		103			
_	the COC or field labels indicate the samples were p	reserved?	No			
	ample(s) correctly preserved?		NA			
	filtration required and/or requested for dissolved m	netals?	No			
Multinha	ase Sample Matrix					
	the sample have more than one phase, i.e., multipha	ase?	No			
	s, does the COC specify which phase(s) is to be analy		NA			
•		,, 2001	11/1			
	ract Laboratory	0	3.7			
	amples required to get sent to a subcontract laborate a subcontract laboratory specified by the client and	-	No NA	Subcontract Lab: NA		
Client I	nstruction					

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: Dagger State TB

Work Order: E507359

Job Number: 23003-0002

Received: 8/1/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/7/25

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

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

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

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

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

Date Reported: 8/7/25

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

Project Name: Dagger State TB

Workorder: E507359

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

Ashley Giovengo,

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

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

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues 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
SW01- 0-1'	5
SW02- 0-1'	6
SW04- 0-3'	7
SW05- 0-3'	8
FS14-1'	9
FS15-1'	10
FS32-3'	11
FS33-3'	12
FS34-3'	13
QC Summary Data	14
QC - Volatile Organic Compounds by EPA 8260B	14
QC - Nonhalogenated Organics by EPA 8015D - GRO	15
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	16
QC - Anions by EPA 300.0/9056A	17
Definitions and Notes	18
Chain of Custody etc.	19

Sample Summary

Matador Resources, LLC.	Project Number: 23003-0002	Dagger State TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	08/07/25 15:23

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW01- 0-1'	E507359-01A	Soil	07/30/25	08/01/25	Glass Jar, 2 oz.
SW02- 0-1'	E507359-02A	Soil	07/30/25	08/01/25	Glass Jar, 2 oz.
SW04- 0-3'	E507359-03A	Soil	07/30/25	08/01/25	Glass Jar, 2 oz.
SW05- 0-3'	E507359-04A	Soil	07/30/25	08/01/25	Glass Jar, 2 oz.
FS14-1'	E507359-05A	Soil	07/30/25	08/01/25	Glass Jar, 2 oz.
FS15-1'	E507359-06A	Soil	07/30/25	08/01/25	Glass Jar, 2 oz.
FS32-3'	E507359-07A	Soil	07/30/25	08/01/25	Glass Jar, 2 oz.
FS33-3'	E507359-08A	Soil	07/30/25	08/01/25	Glass Jar, 2 oz.
FS34-3'	E507359-09A	Soil	07/30/25	08/01/25	Glass Jar, 2 oz.



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/7/2025 3:23:31PM

SW01- 0-1' E507359-01

		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2531183
Benzene	ND	0.0250		1	08/01/25	08/04/25	
Ethylbenzene	ND	0.0250		1	08/01/25	08/04/25	
Toluene	ND	0.0250		1	08/01/25	08/04/25	
o-Xylene	ND	0.0250		1	08/01/25	08/04/25	
p,m-Xylene	ND	0.0500		1	08/01/25	08/04/25	
Total Xylenes	ND	0.0250		1	08/01/25	08/04/25	
Surrogate: Bromofluorobenzene		109 %	70-130		08/01/25	08/04/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		08/01/25	08/04/25	
Surrogate: Toluene-d8		100 %	70-130		08/01/25	08/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2531183
Nonhalogenated Organics by EPA 8015D - GRO Gasoline Range Organics (C6-C10)	mg/kg ND	mg/kg 20.0		Analyst:	08/01/25	08/04/25	Batch: 2531183
						08/04/25 08/04/25	Batch: 2531183
Gasoline Range Organics (C6-C10)		20.0			08/01/25		Batch: 2531183
Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene		20.0 109 %	70-130		08/01/25 08/01/25	08/04/25	Batch: 2531183
Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4		20.0 109 % 103 %	70-130 70-130		08/01/25 08/01/25 08/01/25 08/01/25	08/04/25 08/04/25	Batch: 2531183 Batch: 2531180
Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8	ND	20.0 109 % 103 % 100 %	70-130 70-130	1	08/01/25 08/01/25 08/01/25 08/01/25	08/04/25 08/04/25	
Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Nonhalogenated Organics by EPA 8015D - DRO/ORO	ND mg/kg	20.0 109 % 103 % 100 % mg/kg	70-130 70-130	1	08/01/25 08/01/25 08/01/25 08/01/25 HM	08/04/25 08/04/25 08/04/25	
Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Nonhalogenated Organics by EPA 8015D - DRO/ORO Diesel Range Organics (C10-C28)	ND mg/kg ND	20.0 109 % 103 % 100 % mg/kg 25.0	70-130 70-130	1	08/01/25 08/01/25 08/01/25 08/01/25 HM 08/01/25	08/04/25 08/04/25 08/04/25	
Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Nonhalogenated Organics by EPA 8015D - DRO/ORO Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND mg/kg ND	20.0 109 % 103 % 100 % mg/kg 25.0 50.0	70-130 70-130 70-130	1	08/01/25 08/01/25 08/01/25 08/01/25 HM 08/01/25 08/01/25 08/01/25	08/04/25 08/04/25 08/04/25 08/04/25 08/04/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/7/2025 3:23:31PM

SW02- 0-1' E507359-02

		E30/339-02				
		Reporting				
Analyte	Result	Limit	Dilut	tion Prepare	ed Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: RKS		Batch: 2531183
Benzene	ND	0.0250	1	08/01/2	25 08/04/25	
Ethylbenzene	ND	0.0250	1	08/01/2	25 08/04/25	
Toluene	ND	0.0250	1	08/01/2	25 08/04/25	
o-Xylene	ND	0.0250	1	08/01/2	25 08/04/25	
p,m-Xylene	ND	0.0500	1	08/01/2	25 08/04/25	
Total Xylenes	ND	0.0250	1	08/01/2	25 08/04/25	
Surrogate: Bromofluorobenzene		110 %	70-130	08/01/2	25 08/04/25	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130	08/01/2	25 08/04/25	
Surrogate: Toluene-d8		101 %	70-130	08/01/2	25 08/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	mg/kg Analyst: RKS			Batch: 2531183
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/2	25 08/04/25	
Surrogate: Bromofluorobenzene		110 %	70-130	08/01/2	25 08/04/25	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130	08/01/2	25 08/04/25	
Surrogate: Toluene-d8		101 %	70-130	08/01/2	25 08/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: HM		Batch: 2531180
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/2	25 08/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/2	25 08/04/25	
Surrogate: n-Nonane		114 %	61-141	08/01/2	25 08/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: IY		Batch: 2531168
Chloride	ND	20.0	1	08/04/2	25 08/04/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/7/2025 3:23:31PM

SW04- 0-3' E507359-03

		E507359-03					
		Reporting	F.,				
Analyte	Result	Limit	Dilu	ition Pi	repared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS			Batch: 2531183
Benzene	ND	0.0250	1	1 08	3/01/25	08/04/25	
Ethylbenzene	ND	0.0250	1	1 08	3/01/25	08/04/25	
Toluene	ND	0.0250	1	1 08	3/01/25	08/04/25	
o-Xylene	ND	0.0250	1	1 08	3/01/25	08/04/25	
p,m-Xylene	ND	0.0500	1	1 08	3/01/25	08/04/25	
Total Xylenes	ND	0.0250	1	1 08	3/01/25	08/04/25	
Surrogate: Bromofluorobenzene		108 %	70-130	08	8/01/25	08/04/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	08	8/01/25	08/04/25	
Surrogate: Toluene-d8		102 %	70-130	08	8/01/25	08/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS			Batch: 2531183
Gasoline Range Organics (C6-C10)	ND	20.0	1	1 08	3/01/25	08/04/25	
Surrogate: Bromofluorobenzene		108 %	70-130	08	8/01/25	08/04/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	08	8/01/25	08/04/25	
Surrogate: Toluene-d8		102 %	70-130	08	8/01/25	08/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM			Batch: 2531180
Diesel Range Organics (C10-C28)	ND	25.0	1	1 08	3/01/25	08/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	1 08	3/01/25	08/04/25	
Surrogate: n-Nonane		117 %	61-141	08	8/01/25	08/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY			Batch: 2531168
Chloride	224	20.0	1	1 08	3/04/25	08/04/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/7/2025 3:23:31PM

SW05- 0-3' E507359-04

		E307337-04					
A 1.	D 1	Reporting		··	D 1		N. A
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: F	RKS		Batch: 2531183
Benzene	ND	0.0250	1		08/01/25	08/04/25	
Ethylbenzene	ND	0.0250	1	[08/01/25	08/04/25	
Toluene	ND	0.0250	1	l	08/01/25	08/04/25	
p-Xylene	ND	0.0250	1	l	08/01/25	08/04/25	
p,m-Xylene	ND	0.0500	1	l	08/01/25	08/04/25	
Total Xylenes	ND	0.0250	1		08/01/25	08/04/25	
Surrogate: Bromofluorobenzene		108 %	70-130		08/01/25	08/04/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		08/01/25	08/04/25	
Surrogate: Toluene-d8		103 %	70-130		08/01/25	08/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: F	RKS		Batch: 2531183
Gasoline Range Organics (C6-C10)	ND	20.0	1	Į.	08/01/25	08/04/25	
Surrogate: Bromofluorobenzene		108 %	70-130		08/01/25	08/04/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		08/01/25	08/04/25	
Surrogate: Toluene-d8		103 %	70-130		08/01/25	08/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: I	НM		Batch: 2531180
Diesel Range Organics (C10-C28)	ND	25.0	1		08/01/25	08/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1		08/01/25	08/04/25	
Surrogate: n-Nonane		114 %	61-141		08/01/25	08/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: I	Y		Batch: 2531168
Chloride	76.4	20.0	1		08/04/25	08/04/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/7/2025 3:23:31PM

FS14-1'

	E507359-05				
	Reporting				
Result	Limit	Dilut	ion Prepared	Analyzed	Notes
mg/kg	mg/kg	Α	Analyst: RKS		Batch: 2531183
ND	0.0250	1	08/01/25	08/04/25	
ND	0.0250	1	08/01/25	08/04/25	
ND	0.0250	1	08/01/25	08/04/25	
ND	0.0250	1	08/01/25	08/04/25	
ND	0.0500	1	08/01/25	08/04/25	
ND	0.0250	1	08/01/25	08/04/25	
	108 %	70-130	08/01/25	08/04/25	
	99.8 %	70-130	08/01/25	08/04/25	
	102 %	70-130	08/01/25	08/04/25	
mg/kg	mg/kg	Α	Analyst: RKS		Batch: 2531183
ND	20.0	1	08/01/25	08/04/25	
	108 %	70-130	08/01/25	08/04/25	
	99.8 %	70-130	08/01/25	08/04/25	
	102 %	70-130	08/01/25	08/04/25	
mg/kg	mg/kg	Α	Analyst: HM		Batch: 2531180
64.2	25.0	1	08/01/25	08/05/25	
53.3	50.0	1	08/01/25	08/05/25	
	113 %	61-141	08/01/25	08/05/25	
mg/kg	mg/kg	A	Analyst: IY		Batch: 2531168
	mg/kg ND ND ND ND ND ND ND ND ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 ND 0.0250 ND 108 % 99.8 % 102 % mg/kg mg/kg ND 20.0 108 % 99.8 % 102 % mg/kg mg/kg ND 25.0 102 %	Reporting Result Limit Dilut mg/kg mg/kg A ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 108 % 70-130 99.8 % 70-130 mg/kg mg/kg A ND 20.0 1 108 % 70-130 1 99.8 % 70-130 1 102 % 70-130 1 mg/kg mg/kg A 64.2 25.0 1 53.3 50.0 1	Reporting Result Limit Dilution Prepared mg/kg Manalyst: RKS ND 0.0250 1 08/01/25 ND 0.0250 1 08/01/25 ND 0.0250 1 08/01/25 ND 0.0250 1 08/01/25 ND 0.0500 1 08/01/25 ND 0.0250 1 08/01/25 99.8 % 70-130 08/01/25 99.8 % 70-130 08/01/25 102 % 70-130 08/01/25 108 % 70-130 08/01/25 99.8 % 70-130 08/01/25 102 % 70-130 08/01/25 102 % 70-130 08/01/25 102 % 70-130 08/01/25 102 % 70-130 08/01/25 102 % 70-130 08/01/25 102 % 70-130 08/01/25 102 % 70-130 08/01/25 102 %	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 08/01/25 08/04/25 ND 0.0250 1 08/01/25 08/04/25 ND 0.0250 1 08/01/25 08/04/25 ND 0.0500 1 08/01/25 08/04/25 ND 0.0500 1 08/01/25 08/04/25 ND 0.0250 1 08/01/25 08/04/25 ND 0.0250 1 08/01/25 08/04/25 ND 0.0250 1 08/01/25 08/04/25 99.8 % 70-130 08/01/25 08/04/25 102 % 70-130 08/01/25 08/04/25 mg/kg mg/kg Analyst: RKS ng/kg mg/kg Analyst: HM 64.2 25.0 1 08/01/25 08/05/25 53.3 50.0 1 08/01/25 08/05



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/7/2025 3:23:31PM

FS15-1' E507359-06

		200,000					
Analyte	Result	Reporting Limit	D:	lution	Prepared	Analyzed	Notes
			D1	Analyst:		7 mary zea	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Anaiyst		20/04/27	Batch: 2531183
Benzene	ND	0.0250		1	08/01/25	08/04/25	
Ethylbenzene	ND	0.0250		1	08/01/25	08/04/25	
Toluene	ND	0.0250		1	08/01/25	08/04/25	
o-Xylene	ND	0.0250		1	08/01/25	08/04/25	
p,m-Xylene	ND	0.0500		1	08/01/25	08/04/25	
Total Xylenes	ND	0.0250		1	08/01/25	08/04/25	
Surrogate: Bromofluorobenzene		109 %	70-130		08/01/25	08/04/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		08/01/25	08/04/25	
Surrogate: Toluene-d8		102 %	70-130		08/01/25	08/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2531183
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/01/25	08/04/25	
Surrogate: Bromofluorobenzene		109 %	70-130		08/01/25	08/04/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		08/01/25	08/04/25	
Surrogate: Toluene-d8		102 %	70-130		08/01/25	08/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: HM		Batch: 2531180
Diesel Range Organics (C10-C28)	ND	25.0		1	08/01/25	08/05/25	
Oil Range Organics (C28-C36)	ND	50.0		1	08/01/25	08/05/25	
Surrogate: n-Nonane		120 %	61-141		08/01/25	08/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: IY		Batch: 2531168
Chloride	177	20.0		1	08/04/25	08/04/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/7/2025 3:23:31PM

FS32-3' E507359-07

		200.007 07					
	D. Iv	Reporting	D"		D 1		N
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: RK	S		Batch: 2531183
Benzene	ND	0.0250	1	ļ	08/01/25	08/04/25	
Ethylbenzene	ND	0.0250	1	!	08/01/25	08/04/25	
Toluene	ND	0.0250	1	l	08/01/25	08/04/25	
o-Xylene	ND	0.0250	1	l	08/01/25	08/04/25	
p,m-Xylene	ND	0.0500	1	l	08/01/25	08/04/25	
Total Xylenes	ND	0.0250	1	ļ	08/01/25	08/04/25	
Surrogate: Bromofluorobenzene		109 %	70-130		08/01/25	08/04/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		08/01/25	08/04/25	
Surrogate: Toluene-d8		103 %	70-130		08/01/25	08/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: RK	S		Batch: 2531183
Gasoline Range Organics (C6-C10)	ND	20.0	1	Į.	08/01/25	08/04/25	
Surrogate: Bromofluorobenzene		109 %	70-130		08/01/25	08/04/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		08/01/25	08/04/25	
Surrogate: Toluene-d8		103 %	70-130		08/01/25	08/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: HM	1		Batch: 2531180
Diesel Range Organics (C10-C28)	ND	25.0	1		08/01/25	08/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	Į.	08/01/25	08/05/25	
Surrogate: n-Nonane		117 %	61-141		08/01/25	08/05/25	
A I EDA 200 0/0056 A	mg/kg	mg/kg	2	Analyst: IY			Batch: 2531168
Anions by EPA 300.0/9056A	mg/Kg						

Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/7/2025 3:23:31PM

FS33-3'

		E507359-08					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RI	KS		Batch: 2531183
Benzene	ND	0.0250	1	1	08/01/25	08/05/25	
Ethylbenzene	ND	0.0250	1	1	08/01/25	08/05/25	
Toluene	ND	0.0250	1	1	08/01/25	08/05/25	
o-Xylene	ND	0.0250	1	1	08/01/25	08/05/25	
p,m-Xylene	ND	0.0500	1	1	08/01/25	08/05/25	
Total Xylenes	ND	0.0250	1	1	08/01/25	08/05/25	
Surrogate: Bromofluorobenzene		108 %	70-130		08/01/25	08/05/25	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130		08/01/25	08/05/25	
Surrogate: Toluene-d8		102 %	70-130		08/01/25	08/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RI	KS		Batch: 2531183
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	08/01/25	08/05/25	
Surrogate: Bromofluorobenzene		108 %	70-130		08/01/25	08/05/25	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130		08/01/25	08/05/25	
Surrogate: Toluene-d8		102 %	70-130		08/01/25	08/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: Hl	М		Batch: 2531180
Diesel Range Organics (C10-C28)	ND	25.0	1	1	08/01/25	08/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	1	08/01/25	08/05/25	
Surrogate: n-Nonane		112 %	61-141		08/01/25	08/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY			Batch: 2531168
Chloride	68.6	20.0	1	1	08/04/25	08/04/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/7/2025 3:23:31PM

FS34-3' E507359-09

		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: RKS		Batch: 2531183
Benzene	ND	0.0250	1	08/01/25	08/05/25	
Ethylbenzene	ND	0.0250	1	08/01/25	08/05/25	
Toluene	ND	0.0250	1	08/01/25	08/05/25	
o-Xylene	ND	0.0250	1	08/01/25	08/05/25	
p,m-Xylene	ND	0.0500	1	08/01/25	08/05/25	
Total Xylenes	ND	0.0250	1	08/01/25	08/05/25	
Surrogate: Bromofluorobenzene		109 %	70-130	08/01/25	08/05/25	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130	08/01/25	08/05/25	
Surrogate: Toluene-d8		101 %	70-130	08/01/25	08/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: RKS		Batch: 2531183
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/25	08/05/25	
Surrogate: Bromofluorobenzene		109 %	70-130	08/01/25	08/05/25	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130	08/01/25	08/05/25	
Surrogate: Toluene-d8		101 %	70-130	08/01/25	08/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: HM		Batch: 2531180
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/25	08/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/25	08/05/25	
Surrogate: n-Nonane		118 %	61-141	08/01/25	08/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: IY		Batch: 2531168
Chloride	70.6	20.0	1	08/04/25	08/04/25	

QC Summary Data

Matador Resources, LLC.Project Name:Dagger State TBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo8/7/2025 3:23:31PM

Dallas TX, 75240		Project Manage	r: As	shley Gioveng	go			8/	//2025 3:23:31PN
	V	olatile Organ	ic Compo	unds by EI	PA 82601	В		I	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 (2531183-BLK1)							Prepared: 0	8/01/25 Anal	yzed: 08/04/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.540		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.585		0.500		117	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.6	70-130			
LCS (2531183-BS1)							Prepared: 0	8/01/25 Anal	yzed: 08/05/25
Benzene	2.57	0.0250	2.50		103	70-130			
Ethylbenzene	2.63	0.0250	2.50		105	70-130			
Toluene	2.53	0.0250	2.50		101	70-130			
o-Xylene	2.60	0.0250	2.50		104	70-130			
p,m-Xylene	5.40	0.0500	5.00		108	70-130			
Total Xylenes	8.00	0.0250	7.50		107	70-130			
Surrogate: Bromofluorobenzene	0.542		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.8	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			
Matrix Spike (2531183-MS1)				Source:	E507336-	02	Prepared: 0	8/01/25 Anal	yzed: 08/05/25
Benzene	2.53	0.0250	2.50	ND	101	48-131			
Ethylbenzene	2.59	0.0250	2.50	ND	104	45-135			
Toluene	2.49	0.0250	2.50	ND	99.5	48-130			
o-Xylene	2.56	0.0250	2.50	ND	102	43-135			
p,m-Xylene	5.30	0.0500	5.00	ND	106	43-135			
Total Xylenes	7.86	0.0250	7.50	ND	105	43-135			
Surrogate: Bromofluorobenzene	0.543		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101	70-130			
Surrogate: Toluene-d8	0.505		0.500		101	70-130			
Matrix Spike Dup (2531183-MSD1)				Source:	E507336-	02	Prepared: 0	8/01/25 Anal	yzed: 08/04/25
Benzene	2.39	0.0250	2.50	ND	95.5	48-131	5.93	23	
Ethylbenzene	2.40	0.0250	2.50	ND	96.0	45-135	7.67	27	
Toluene	2.30	0.0250	2.50	ND	92.0	48-130	7.87	24	
o-Xylene	2.35	0.0250	2.50	ND	93.9	43-135	8.62	27	
p,m-Xylene	4.79	0.0500	5.00	ND	95.8	43-135	10.2	27	
Total Xylenes	7.14	0.0250	7.50	ND	95.1	43-135	9.67	27	
Surrogate: Bromofluorobenzene	0.538		0.500		108	70-130			
0 10 D. II 1	0.400		0.500		00.0	70 120			



0.500

0.500

98.0

70-130

70-130

0.490

0.504

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

QC Summary Data

Matador Resources, LLC.Project Name:Dagger State TBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo8/7/2025 3:23:31PM

Dallas TX, 75240		Project Manager	r: As	hley Gioveng	go			8/7	7/2025 3:23:31PM
	Non	halogenated	Organics l	by EPA 80	15D - G	RO		A	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 (2531183-BLK1)							Prepared: 0	8/01/25 Analy	zed: 08/04/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.540		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.585		0.500		117	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.6	70-130			
LCS (2531183-BS2)							Prepared: 0	8/01/25 Analy	zed: 08/04/25
Gasoline Range Organics (C6-C10)	38.9	20.0	50.0		77.9	70-130			
Gurrogate: Bromofluorobenzene	0.545		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.511		0.500		102	70-130			
Surrogate: Toluene-d8	0.520		0.500		104	70-130			
Matrix Spike (2531183-MS2)				Source:	E507336-	02	Prepared: 0	8/01/25 Analy	zed: 08/05/25
Gasoline Range Organics (C6-C10)	60.1	20.0	50.0	ND	120	70-130			
Surrogate: Bromofluorobenzene	0.555		0.500		111	70-130			

Surrogate: Toluene-d8	0.527		0.500		105	70-130			
Matrix Spike Dup (2531183-MSD2)				Source:	E507336-0)2	Prepared: 08	3/01/25 Analyzed: 08/05/25	
Gasoline Range Organics (C6-C10)	61.1	20.0	50.0	ND	122	70-130	1.65	20	
Surrogate: Bromofluorobenzene	0.557		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.469		0.500		93.7	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			

0.500

102

70-130

0.511

QC Summary Data

Matador Resources, LLC.Project Name:Dagger State TBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo8/7/20253:23:31PM

	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: HM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2531180-BLK1)							Prepared: 0	8/01/25 Ana	yzed: 08/04/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	56.1		50.0		112	61-141			
LCS (2531180-BS1)							Prepared: 0	8/01/25 Ana	yzed: 08/04/25
Diesel Range Organics (C10-C28)	287	25.0	250		115	66-144			
Surrogate: n-Nonane	54.4		50.0		109	61-141			
Matrix Spike (2531180-MS1)				Source:	E507361-	03	Prepared: 0	8/01/25 Ana	yzed: 08/04/25
Diesel Range Organics (C10-C28)	310	25.0	250	ND	124	56-156			
Surrogate: n-Nonane	58.5		50.0		117	61-141			
Matrix Spike Dup (2531180-MSD1)				Source:	E507361-	03	Prepared: 0	8/01/25 Anal	yzed: 08/04/25
Diesel Range Organics (C10-C28)	289	25.0	250	ND	116	56-156	6.92	20	
Surrogate: n-Nonane	54.8		50.0		110	61-141			



Chloride

QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager	: 2	Dagger State TE 3003-0002 Ashley Gioveng					Reported: 8/7/2025 3:23:31PM
Builds 11t, 752 to				300.0/9056A					Analyst: DT
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2531168-BLK1)							Prepared: 0	8/04/25 A	nalyzed: 08/04/25
Chloride	ND	20.0							
LCS (2531168-BS1)							Prepared: 0	8/04/25 A	nalyzed: 08/04/25
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2531168-MS1)				Source:	E508005-	02	Prepared: 0	8/04/25 A	nalyzed: 08/04/25
Chloride	272	20.0	250	20.2	101	80-120			
Matrix Spike Dup (2531168-MSD1)				Source:	E508005-	02	Prepared: 0	8/04/25 A	nalyzed: 08/04/25

250

20.0

20.2

102

80-120

0.597

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:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	08/07/25 15:23

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



iluiyiic	al Laborat	ory																		
	Clier	nt Inform	nation			ce Information				Lab) Use	e Only	<i>'</i>				AT		<u> </u>	State
	// Atador				Company: Enso			<u>Lab</u>	WO#	2 = 4	a l	lob N	umb	er	, 1	D 2D	3D		NM	CO UT TX
	lame: Dagge					lational Parks Hwy		_ £\$	10 20 30 400 2 10 20 300 400 2 10 20 300 400 2 10 20 300 400 2 10 20 300 400 2 10 20 300 400 400 400 400 400 400 400 400 40							<u> </u>	Χ	×		
	Manager: Ash					City, State, Zip: Carlsbad NM, 88220 Phone: 575-988-0055					Analysis and Met								EP	A Program
	3122 Nation te, Zip: Carlsl					go@ensolum.com		-	\vdash		T	7.1.d.,	1	1	T	Ť	Г		SDWA	CWA RCRA
	575-988-005 <u>!</u>		COLLS		Miscellaneous:	AOC CHISOTATINGON			ΙI	ŀ		- 1	1	- [1				
	giovengo@ei		om						1 22	ž		- 1				1			Compliand	ce Y or N
									& &	₩ ₩	<u> </u>	8	8	ř	뚩	-	l	1	PWSID#	
				Sample Info	ormation		<u> जि</u>	Lab	- 8	8	by 80	34 82	e a	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	۲ ا		Samle Temp	Remarks
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field	Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TGEO	<u>8</u>	\neg	BGDOC - TX			State CO UT TX PA Program CWA RCRA CE Y Or N Remarks
0848	01-30-79	5	1	Sw01 -	0-1'					_		_	\perp	4	4	X	-	_	3.2	
JB52		s	1	Swoz	-0-1		_	2					_	_	\perp	X	_		3.4	
1216		s	1	Sw04 -	0-1' -0-1' -0-3' -0-3'			<u>3_</u>								X			2.8	
1215		s	1	5405	- 0-3'			4								X			3.0	
0840		s	1	F514 -	. 1 1			5								X			3.0	
0838		s	1	F515	-1'			6								X			2.1	
1217		s	1	F515 F532	-3'			7								X			3.6	
1219		s	1	F333-	3'			8								X			2.8	
1221		s	1	F534 -	3'			9								X			द्धप	
	V	s	1													X				
Additio	nal Instructio	ns: Ple	ase CC: c	burton@ensolu	m.com, agiovengo@	ensolum.com, ies	trella@	Pensolu	ım.co	m, ch	amil	lton@	ens	olum	.com,	bmo	r@eı	rsolu	m.com	
	pler), attest to the			y of this sample. I am	aware that tampering with o					or time	of col	lection	is cons	idered	fraud a	nd may	be grou	nds fo	legal action.	
	ed by: (Signatur			Date	Time	Refleiged by: (Signat	ure	0	es.	Date	21	200	1	ime	#11.			1	•	equiring thermal
				07-31-25		Received by: (Signat		300	(~ <u>%</u>)-	31.	77		<i>U</i> Time	84.	<u>></u>	4	1.		must be received on ney are sampled or
Relinquis	inquished by the patrick Date Date Time Received by: (5) Whather Gonzales 7-31-25 1445 Maria								, .	7-	21-	25	ľ		44	5	1		•	ed on ice at a temp
Relinguis	ned by: (Signatur		y wwy	Date	Time	Received by Signat	Celved by Signature)					lime		•	1		above 0 but less than 6°C on			
m	rissa L	ions	ales	7-31-25	1825					[].	51.	ľS_			35			L	subse	quent days.
Relinquis	hed by: Signatu	re)		Date 0100	Time	Received by Single	re	All A		Date		<u> </u>			\overline{x}		1			Use Only
A	A.M. 7.31.6 2230 Club							"W		ĽΧ	٠1°	<u>72</u>			رك		4	1	-	ved on ice:
Relinquis	linquished by: (Signature) Date Time Received by: (Signature)									Date			1	Time				1	(YΥΝ

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.

Printed: 8/1/2025 1:03:12PM

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:	08/01/25 08:00		Work Order ID:	E507359
Phone:	(972) 371-5200	Date Logged In:	07/31/25 15:15		Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	08/07/25 17:00	(4 day TAT)		
Chain of	Custody (COC)					
1. Does tl	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	<u>Courier</u>	
	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes			
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i i.e, 15 minute hold time, are not included in this disucssi		Yes		<u>Comme</u>	nts/Resolution
Sample T	Turn Around Time (TAT)					
	e COC indicate standard TAT, or Expedited TAT?		Yes		Missing relinquished to	ime on signature line
Sample C	<u>Cooler</u>				from client.	
7. Was a	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	e sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If yes	, were custody/security seals intact?		NA			
	ne sample received on ice? Note: Thermal preservation is not required, if samples at 15 minutes of sampling COC for individual sample temps. Samples outside of samples outside of samples outside of samples.		Yes	mments		
		of 0 C-0 C will be	recorded in co	mments.		
	<u>Container</u> 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 Lal			100			
	field sample labels filled out with the minimum inf	ormation:				
	ample ID?		Yes			
	Pate/Time Collected?		Yes	ı		
	follectors name?		Yes			
	Preservation	40				
	the COC or field labels indicate the samples were p	reserved?	No			
	ample(s) correctly preserved?	. 1.0	NA			
	filtration required and/or requested for dissolved m	etais?	No			
	ase Sample Matrix					
	the sample have more than one phase, i.e., multipha		No			
27. If yes	, does the COC specify which phase(s) is to be anal	yzed?	NA			
Subcontr	act Laboratory					
28. Are sa	amples required to get sent to a subcontract laborate	ory?	No			
29. Was a	subcontract laboratory specified by the client and i	f so who?	NA Sub	contract Lab	: NA	
Client I	nstruction					

Date

envirotech Inc.

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: Dagger State TB

Work Order: E508014

Job Number: 23003-0002

Received: 8/4/2025

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 8/8/25

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

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

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

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

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

Date Reported: 8/8/25

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

Project Name: Dagger State TB

Workorder: E508014

Date Received: 8/4/2025 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/4/2025 7:30:00AM, under the Project Name: Dagger State TB.

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

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues 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
FS215'	6
FS225'	7
FS235'	8
FS245'	9
FS255'	10
FS265'	11
FS275'	12
FS285'	13
FS295'	14
FS305'	15
FS31-3'	16
FS35-3'	17
FS36-3'	18
FS37-3'	19
FS38-3'	20
FS395'	21
FS405'	22
FS415'	23
SW03- 0-3'	24
QC Summary Data	25

Table of Contents (continued)

	QC - Volatile Organics by EPA 8021B	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

ſ	Matador Resources, LLC.	Project Name:	Dagger State TB	Reported:
l	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
l	Dallas TX, 75240	Project Manager:	Ashley Giovengo	08/08/25 13:05

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS215'	E508014-01A	Soil	07/31/25	08/04/25	Glass Jar, 2 oz.
FS225'	E508014-02A	Soil	07/31/25	08/04/25	Glass Jar, 2 oz.
FS235'	E508014-03A	Soil	07/31/25	08/04/25	Glass Jar, 2 oz.
FS245'	E508014-04A	Soil	07/31/25	08/04/25	Glass Jar, 2 oz.
FS255'	E508014-05A	Soil	07/31/25	08/04/25	Glass Jar, 2 oz.
FS265'	E508014-06A	Soil	07/31/25	08/04/25	Glass Jar, 2 oz.
FS275'	E508014-07A	Soil	07/31/25	08/04/25	Glass Jar, 2 oz.
FS285'	E508014-08A	Soil	07/31/25	08/04/25	Glass Jar, 2 oz.
FS295'	E508014-09A	Soil	07/31/25	08/04/25	Glass Jar, 2 oz.
FS305'	E508014-10A	Soil	07/31/25	08/04/25	Glass Jar, 2 oz.
FS31-3'	E508014-11A	Soil	07/31/25	08/04/25	Glass Jar, 2 oz.
FS35-3'	E508014-12A	Soil	07/31/25	08/04/25	Glass Jar, 2 oz.
FS36-3'	E508014-13A	Soil	07/31/25	08/04/25	Glass Jar, 2 oz.
FS37-3'	E508014-14A	Soil	07/31/25	08/04/25	Glass Jar, 2 oz.
FS38-3'	E508014-15A	Soil	07/31/25	08/04/25	Glass Jar, 2 oz.
FS395'	E508014-16A	Soil	07/31/25	08/04/25	Glass Jar, 2 oz.
FS405'	E508014-17A	Soil	07/31/25	08/04/25	Glass Jar, 2 oz.
FS415'	E508014-18A	Soil	07/31/25	08/04/25	Glass Jar, 2 oz.
SW03- 0-3'	E508014-19A	Soil	07/31/25	08/04/25	Glass Jar, 2 oz.



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/8/2025 1:05:15PM

FS21-.5' E508014-01

ing			
t Dilution	Prepared	Analyzed	Notes
g Analy	/st: SL		Batch: 2532034
0 1	08/05/25	08/07/25	
0 1	08/05/25	08/07/25	
0 1	08/05/25	08/07/25	
0 1	08/05/25	08/07/25	
10	08/05/25	08/07/25	
0 1	08/05/25	08/07/25	
70-130	08/05/25	08/07/25	
g Analy	/st: SL		Batch: 2532034
1	08/05/25	08/07/25	
70-130	08/05/25	08/07/25	
g Analy	/st: KH		Batch: 2532057
1	08/05/25	08/06/25	
1	08/05/25	08/06/25	
61-141	08/05/25 08/05/25	08/06/25 08/06/25	
61-141			Batch: 2532070
5 5 5	g Analy 50 1 50 1 50 1 50 1 50 1 70-130 g Analy	g Analyst: SL 50 1 08/05/25 50 1 08/05/25 50 1 08/05/25 50 1 08/05/25 50 1 08/05/25 50 1 08/05/25 70-130 08/05/25 70-130 08/05/25 70-130 08/05/25	g Analyst: SL 50 1 08/05/25 08/07/25 50 1 08/05/25 08/07/25 50 1 08/05/25 08/07/25 50 1 08/05/25 08/07/25 50 1 08/05/25 08/07/25 50 1 08/05/25 08/07/25 50 1 08/05/25 08/07/25 70-130 08/05/25 08/07/25 rg Analyst: SL 1 08/05/25 08/07/25 70-130 08/05/25 08/07/25

Matador Resource	s, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway	y, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240		Project Manager:	Ashley Giovengo	8/8/2025 1:05:15PM

FS22-.5'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	alyst: SL		Batch: 2532034
Benzene	ND	0.0250	1	08/05/25	08/07/25	
Ethylbenzene	ND	0.0250	1	08/05/25	08/07/25	
Toluene	ND	0.0250	1	08/05/25	08/07/25	
o-Xylene	ND	0.0250	1	08/05/25	08/07/25	
p,m-Xylene	ND	0.0500	1	08/05/25	08/07/25	
Total Xylenes	ND	0.0250	1	08/05/25	08/07/25	
Surrogate: 4-Bromochlorobenzene-PID		97.0 %	70-130	08/05/25	08/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	alyst: SL		Batch: 2532034
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/05/25	08/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		103 %	70-130	08/05/25	08/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	alyst: KH		Batch: 2532057
Diesel Range Organics (C10-C28)	57.7	25.0	1	08/05/25	08/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/05/25	08/06/25	
Surrogate: n-Nonane		98.2 %	61-141	08/05/25	08/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	alyst: IY		Batch: 2532070
Chloride	72.0	20.0	1	08/06/25	08/06/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/8/2025 1:05:15PM

FS23-.5'

E508014-03						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2532034
Benzene	ND	0.0250	1	08/05/25	08/07/25	
Ethylbenzene	ND	0.0250	1	08/05/25	08/07/25	
Toluene	ND	0.0250	1	08/05/25	08/07/25	
o-Xylene	ND	0.0250	1	08/05/25	08/07/25	
p,m-Xylene	ND	0.0500	1	08/05/25	08/07/25	
Total Xylenes	ND	0.0250	1	08/05/25	08/07/25	
Surrogate: 4-Bromochlorobenzene-PID		96.8 %	70-130	08/05/25	08/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2532034
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/05/25	08/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130	08/05/25	08/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2532057
Diesel Range Organics (C10-C28)	172	25.0	1	08/05/25	08/06/25	
Oil Range Organics (C28-C36)	66.6	50.0	1	08/05/25	08/06/25	
Surrogate: n-Nonane		101 %	61-141	08/05/25	08/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2532070
Chloride	113	20.0	1	08/06/25	08/06/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/8/2025 1:05:15PM

FS24-.5' E508014-04

		E300014-04				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2532034
Benzene	ND	0.0250	1	08/05/25	08/07/25	
Ethylbenzene	ND	0.0250	1	08/05/25	08/07/25	
Toluene	ND	0.0250	1	08/05/25	08/07/25	
-Xylene	ND	0.0250	1	08/05/25	08/07/25	
,m-Xylene	ND	0.0500	1	08/05/25	08/07/25	
Total Xylenes	ND	0.0250	1	08/05/25	08/07/25	
Surrogate: 4-Bromochlorobenzene-PID		98.1 %	70-130	08/05/25	08/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2532034
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/05/25	08/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		101 %	70-130	08/05/25	08/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2532057
Diesel Range Organics (C10-C28)	ND	25.0	1	08/05/25	08/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/05/25	08/06/25	
Surrogate: n-Nonane		105 %	61-141	08/05/25	08/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2532070
Chloride	ND	20.0	1	08/06/25	08/06/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/8/2025 1:05:15PM

FS25-.5'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2532034
Benzene	ND	0.0250	1	08/05/25	08/07/25	
Ethylbenzene	ND	0.0250	1	08/05/25	08/07/25	
Toluene	ND	0.0250	1	08/05/25	08/07/25	
o-Xylene	ND	0.0250	1	08/05/25	08/07/25	
p,m-Xylene	ND	0.0500	1	08/05/25	08/07/25	
Total Xylenes	ND	0.0250	1	08/05/25	08/07/25	
Surrogate: 4-Bromochlorobenzene-PID		96.8 %	70-130	08/05/25	08/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2532034
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/05/25	08/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		103 %	70-130	08/05/25	08/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2532057
Diesel Range Organics (C10-C28)	ND	25.0	1	08/05/25	08/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/05/25	08/06/25	
Surrogate: n-Nonane		99.8 %	61-141	08/05/25	08/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2532070
· · · · · · · · · · · · · · · · · · ·	74.9	20.0	1	08/06/25	08/06/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/8/2025 1:05:15PM

FS26-.5'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2532034
Benzene	ND	0.0250	1	08/05/25	08/07/25	
Ethylbenzene	ND	0.0250	1	08/05/25	08/07/25	
Toluene	ND	0.0250	1	08/05/25	08/07/25	
o-Xylene	ND	0.0250	1	08/05/25	08/07/25	
p,m-Xylene	ND	0.0500	1	08/05/25	08/07/25	
Total Xylenes	ND	0.0250	1	08/05/25	08/07/25	
Surrogate: 4-Bromochlorobenzene-PID		95.2 %	70-130	08/05/25	08/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2532034
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/05/25	08/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		105 %	70-130	08/05/25	08/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2532057
Diesel Range Organics (C10-C28)	ND	25.0	1	08/05/25	08/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/05/25	08/06/25	
Surrogate: n-Nonane		100 %	61-141	08/05/25	08/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2532070



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/8/2025 1:05:15PM

FS27-.5'

E50801	4-07
--------	------

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2532034
Benzene	ND	0.0250	1	08/05/25	08/07/25	
Ethylbenzene	ND	0.0250	1	08/05/25	08/07/25	
Toluene	ND	0.0250	1	08/05/25	08/07/25	
o-Xylene	ND	0.0250	1	08/05/25	08/07/25	
p,m-Xylene	ND	0.0500	1	08/05/25	08/07/25	
Total Xylenes	ND	0.0250	1	08/05/25	08/07/25	
Surrogate: 4-Bromochlorobenzene-PID		99.2 %	70-130	08/05/25	08/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2532034
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/05/25	08/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		101 %	70-130	08/05/25	08/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2532057
Diesel Range Organics (C10-C28)	ND	25.0	1	08/05/25	08/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/05/25	08/06/25	
Surrogate: n-Nonane		101 %	61-141	08/05/25	08/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2532070
Chloride	ND	20.0	1	08/06/25	08/06/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/8/2025 1:05:15PM

FS28-.5'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2532034
Benzene	ND	0.0250	1	08/05/25	08/07/25	
Ethylbenzene	ND	0.0250	1	08/05/25	08/07/25	
Toluene	ND	0.0250	1	08/05/25	08/07/25	
o-Xylene	ND	0.0250	1	08/05/25	08/07/25	
p,m-Xylene	ND	0.0500	1	08/05/25	08/07/25	
Total Xylenes	ND	0.0250	1	08/05/25	08/07/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	08/05/25	08/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2532034
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/05/25	08/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		102 %	70-130	08/05/25	08/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2532057
Diesel Range Organics (C10-C28)	36.4	25.0	1	08/05/25	08/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/05/25	08/06/25	
Surrogate: n-Nonane		100 %	61-141	08/05/25	08/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2532070
Chloride	66.5	20.0	1	08/06/25	08/06/25	



Matador Resource	s, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway	y, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240		Project Manager:	Ashley Giovengo	8/8/2025 1:05:15PM

FS29-.5'

E508014-09							
Reporting							
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2532034	
Benzene	ND	0.0250	1	08/05/25	08/07/25		
Ethylbenzene	ND	0.0250	1	08/05/25	08/07/25		
Toluene	ND	0.0250	1	08/05/25	08/07/25		
o-Xylene	ND	0.0250	1	08/05/25	08/07/25		
p,m-Xylene	ND	0.0500	1	08/05/25	08/07/25		
Total Xylenes	ND	0.0250	1	08/05/25	08/07/25		
Surrogate: 4-Bromochlorobenzene-PID		98.3 %	70-130	08/05/25	08/07/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2532034	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/05/25	08/07/25		
Surrogate: 1-Chloro-4-fluorobenzene-FID		100 %	70-130	08/05/25	08/07/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2532057	
Diesel Range Organics (C10-C28)	59.7	25.0	1	08/05/25	08/06/25		
Oil Range Organics (C28-C36)	ND	50.0	1	08/05/25	08/06/25		
Surrogate: n-Nonane		99.6 %	61-141	08/05/25	08/06/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2532070	
Chloride	29.1	20.0	1	08/06/25	08/06/25		



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/8/2025 1:05:15PM

FS30-.5'

E508014-10						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2532034
Benzene	ND	0.0250	1	08/05/25	08/07/25	
Ethylbenzene	ND	0.0250	1	08/05/25	08/07/25	
Toluene	ND	0.0250	1	08/05/25	08/07/25	
o-Xylene	ND	0.0250	1	08/05/25	08/07/25	
p,m-Xylene	ND	0.0500	1	08/05/25	08/07/25	
Total Xylenes	ND	0.0250	1	08/05/25	08/07/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	08/05/25	08/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2532034
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/05/25	08/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		101 %	70-130	08/05/25	08/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2532057
Diesel Range Organics (C10-C28)	575	25.0	1	08/05/25	08/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/05/25	08/06/25	
Surrogate: n-Nonane		101 %	61-141	08/05/25	08/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2532070
Chloride	233	20.0	1	08/06/25	08/06/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/8/2025 1:05:15PM

FS31-3'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2532034
Benzene	ND	0.0250	1	08/05/25	08/07/25	
Ethylbenzene	ND	0.0250	1	08/05/25	08/07/25	
Toluene	ND	0.0250	1	08/05/25	08/07/25	
o-Xylene	ND	0.0250	1	08/05/25	08/07/25	
p,m-Xylene	ND	0.0500	1	08/05/25	08/07/25	
Total Xylenes	ND	0.0250	1	08/05/25	08/07/25	
Surrogate: 4-Bromochlorobenzene-PID		98.2 %	70-130	08/05/25	08/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2532034
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/05/25	08/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		103 %	70-130	08/05/25	08/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2532057
Diesel Range Organics (C10-C28)	ND	25.0	1	08/05/25	08/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/05/25	08/06/25	
Surrogate: n-Nonane		104 %	61-141	08/05/25	08/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2532070
Chloride	50.5	20.0	1	08/06/25	08/06/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/8/2025 1:05:15PM

FS35-3'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2532034
Benzene	ND	0.0250	1	08/05/25	08/07/25	
Ethylbenzene	ND	0.0250	1	08/05/25	08/07/25	
Toluene	ND	0.0250	1	08/05/25	08/07/25	
o-Xylene	ND	0.0250	1	08/05/25	08/07/25	
o,m-Xylene	ND	0.0500	1	08/05/25	08/07/25	
Total Xylenes	ND	0.0250	1	08/05/25	08/07/25	
Surrogate: 4-Bromochlorobenzene-PID		99.6 %	70-130	08/05/25	08/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2532034
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/05/25	08/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.4 %	70-130	08/05/25	08/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2532057
Diesel Range Organics (C10-C28)	31.0	25.0	1	08/05/25	08/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/05/25	08/06/25	
Surrogate: n-Nonane		104 %	61-141	08/05/25	08/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2532070
Chloride	32.9	20.0	1	08/06/25	08/06/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/8/2025 1:05:15PM

FS36-3'

E50	80	14-	-13
-----	----	-----	-----

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2532034
Benzene	ND	0.0250	1	08/05/25	08/07/25	
Ethylbenzene	ND	0.0250	1	08/05/25	08/07/25	
Toluene	ND	0.0250	1	08/05/25	08/07/25	
o-Xylene	ND	0.0250	1	08/05/25	08/07/25	
p,m-Xylene	ND	0.0500	1	08/05/25	08/07/25	
Total Xylenes	ND	0.0250	1	08/05/25	08/07/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	08/05/25	08/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2532034
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/05/25	08/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		100 %	70-130	08/05/25	08/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KH		Batch: 2532057
Diesel Range Organics (C10-C28)	ND	25.0	1	08/05/25	08/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/05/25	08/06/25	
Surrogate: n-Nonane		105 %	61-141	08/05/25	08/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2532070
Chloride	ND	20.0	1	08/06/25	08/06/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/8/2025 1:05:15PM

FS37-3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2532034
Benzene	ND	0.0250	1	08/05/25	08/07/25	
Ethylbenzene	ND	0.0250	1	08/05/25	08/07/25	
Toluene	ND	0.0250	1	08/05/25	08/07/25	
o-Xylene	ND	0.0250	1	08/05/25	08/07/25	
p,m-Xylene	ND	0.0500	1	08/05/25	08/07/25	
Total Xylenes	ND	0.0250	1	08/05/25	08/07/25	
Surrogate: 4-Bromochlorobenzene-PID		99.7 %	70-130	08/05/25	08/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2532034
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/05/25	08/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.9 %	70-130	08/05/25	08/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KH		Batch: 2532057
Diesel Range Organics (C10-C28)	ND	25.0	1	08/05/25	08/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/05/25	08/06/25	
Surrogate: n-Nonane		103 %	61-141	08/05/25	08/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2532070
Chloride	ND	20.0	1	08/06/25	08/06/25	·



Matador Resource	s, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway	y, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240		Project Manager:	Ashley Giovengo	8/8/2025 1:05:15PM

FS38-3'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2532034
Benzene	ND	0.0250	1	08/05/25	08/07/25	
Ethylbenzene	ND	0.0250	1	08/05/25	08/07/25	
Toluene	ND	0.0250	1	08/05/25	08/07/25	
o-Xylene	ND	0.0250	1	08/05/25	08/07/25	
p,m-Xylene	ND	0.0500	1	08/05/25	08/07/25	
Total Xylenes	ND	0.0250	1	08/05/25	08/07/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	08/05/25	08/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2532034
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/05/25	08/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.1 %	70-130	08/05/25	08/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KH		Batch: 2532057
Diesel Range Organics (C10-C28)	71.0	25.0	1	08/05/25	08/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/05/25	08/06/25	
Surrogate: n-Nonane		101 %	61-141	08/05/25	08/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2532070
Chloride	143	20.0	1	08/06/25	08/06/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/8/2025 1:05:15PM

FS39-.5'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2532034
Benzene	ND	0.0250	1	08/05/25	08/07/25	
Ethylbenzene	ND	0.0250	1	08/05/25	08/07/25	
Toluene	ND	0.0250	1	08/05/25	08/07/25	
o-Xylene	ND	0.0250	1	08/05/25	08/07/25	
o,m-Xylene	ND	0.0500	1	08/05/25	08/07/25	
Total Xylenes	ND	0.0250	1	08/05/25	08/07/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	08/05/25	08/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2532034
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/05/25	08/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.5 %	70-130	08/05/25	08/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KH		Batch: 2532057
Diesel Range Organics (C10-C28)	ND	25.0	1	08/05/25	08/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/05/25	08/06/25	
Surrogate: n-Nonane		103 %	61-141	08/05/25	08/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2532070
Chloride	270	20.0	1	08/06/25	08/06/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/8/2025 1:05:15PM

FS40-.5'

		E508014-17				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2532034
Benzene	ND	0.0250	1	08/05/25	08/07/25	
Ethylbenzene	ND	0.0250	1	08/05/25	08/07/25	
Toluene	ND	0.0250	1	08/05/25	08/07/25	
o-Xylene	ND	0.0250	1	08/05/25	08/07/25	
p,m-Xylene	ND	0.0500	1	08/05/25	08/07/25	
Total Xylenes	ND	0.0250	1	08/05/25	08/07/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	08/05/25	08/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2532034
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/05/25	08/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.0 %	70-130	08/05/25	08/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2532057
Diesel Range Organics (C10-C28)	ND	25.0	1	08/05/25	08/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/05/25	08/06/25	
Surrogate: n-Nonane		101 %	61-141	08/05/25	08/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2532070
Chloride	ND	20.0	1	08/06/25	08/06/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/8/2025 1:05:15PM

FS41-.5'

E508014-18

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2532034
Benzene	ND	0.0250	1	08/05/25	08/07/25	
Ethylbenzene	ND	0.0250	1	08/05/25	08/07/25	
Toluene	ND	0.0250	1	08/05/25	08/07/25	
o-Xylene	ND	0.0250	1	08/05/25	08/07/25	
p,m-Xylene	ND	0.0500	1	08/05/25	08/07/25	
Total Xylenes	ND	0.0250	1	08/05/25	08/07/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	08/05/25	08/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2532034
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/05/25	08/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.5 %	70-130	08/05/25	08/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2532057
Diesel Range Organics (C10-C28)	32.7	25.0	1	08/05/25	08/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/05/25	08/07/25	
Surrogate: n-Nonane		102 %	61-141	08/05/25	08/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2532070
Chloride	77.5	20.0	1	08/06/25	08/06/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/8/2025 1:05:15PM

SW03- 0-3' E508014-19

		E300014 17				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2532034
Benzene	ND	0.0250	1	08/05/25	08/07/25	
Ethylbenzene	ND	0.0250	1	08/05/25	08/07/25	
Toluene	ND	0.0250	1	08/05/25	08/07/25	
o-Xylene	ND	0.0250	1	08/05/25	08/07/25	
o,m-Xylene	ND	0.0500	1	08/05/25	08/07/25	
Total Xylenes	ND	0.0250	1	08/05/25	08/07/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	08/05/25	08/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2532034
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/05/25	08/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.1 %	70-130	08/05/25	08/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2532057
Diesel Range Organics (C10-C28)	ND	25.0	1	08/05/25	08/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/05/25	08/07/25	
Surrogate: n-Nonane		104 %	61-141	08/05/25	08/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2532070
Chloride	105	20.0	1	08/06/25	08/06/25	



ND

ND

ND

ND

ND

0.0250

0.0250

0.0250

0.0250

0.0500

Blank (2532034-BLK1)

Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Prepared: 08/05/25 Analyzed: 08/07/25

QC Summary Data

Matador Resources, LLC. Dagger State TB Project Name: Reported: Project Number: 23003-0002 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 Project Manager: Ashley Giovengo 8/8/2025 1:05:15PM **Volatile Organics by EPA 8021B** Analyst: SL Spike Source RPD Reporting Rec Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes

Total Xylenes	ND	0.0250				
Surrogate: 4-Bromochlorobenzene-PID	7.92		8.00	99.0	70-130	
LCS (2532034-BS1)					Prepared	d: 08/05/25 Analyzed: 08/07/25
Benzene	4.72	0.0250	5.00	94.4	70-130	
Ethylbenzene	4.64	0.0250	5.00	92.7	70-130	
Toluene	4.69	0.0250	5.00	93.8	70-130	
o-Xylene	4.68	0.0250	5.00	93.6	70-130	
p,m-Xylene	9.43	0.0500	10.0	94.3	70-130	
Total Xylenes	14.1	0.0250	15.0	94.1	70-130	
Surrogate: 4-Bromochlorobenzene-PID	7.89		8.00	98.6	70-130	

Matrix Spike (2532034-MS1)				Source:	E508014-	05	Prepared: 08/05/25 Analyzed: 08/07/25
Benzene	4.34	0.0250	5.00	ND	86.8	70-130	
Ethylbenzene	4.25	0.0250	5.00	ND	85.0	70-130	
Toluene	4.31	0.0250	5.00	ND	86.1	70-130	
o-Xylene	4.36	0.0250	5.00	ND	87.2	70-130	
p,m-Xylene	8.67	0.0500	10.0	ND	86.7	70-130	
Total Xylenes	13.0	0.0250	15.0	ND	86.9	70-130	
Surrogate: 4-Bromochlorobenzene-PID	7.63		8.00		95.4	70-130	

Matrix Spike Dup (2532034-MSD1)				Source:	E508014-	05	Prepared: 08	8/05/25 Analyzed: 08/07/25
Benzene	4.80	0.0250	5.00	ND	95.9	70-130	9.95	27
Ethylbenzene	4.71	0.0250	5.00	ND	94.3	70-130	10.4	26
Toluene	4.77	0.0250	5.00	ND	95.3	70-130	10.1	20
o-Xylene	4.75	0.0250	5.00	ND	95.1	70-130	8.59	25
p,m-Xylene	9.59	0.0500	10.0	ND	95.9	70-130	10.0	23
Total Xylenes	14.3	0.0250	15.0	ND	95.6	70-130	9.55	26
Surrogate: 4-Bromochlorobenzene-PID	7.71		8.00		96.4	70-130		

QC Summary Data

Matador Resources, LLC.Project Name:Dagger State TBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo8/8/20251:05:15PM

Dallas TX, 75240		Project Manage	r: As	hley Gioveng	go			8	/8/2025 1:05:15PM
	Non	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 (2532034-BLK1)							Prepared: 0	8/05/25 Ana	alyzed: 08/07/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.21		8.00		103	70-130			
LCS (2532034-BS2)							Prepared: 0	8/05/25 Ana	alyzed: 08/07/25
Gasoline Range Organics (C6-C10)	44.0	20.0	50.0		88.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.09		8.00		101	70-130			
Matrix Spike (2532034-MS2)				Source:	E508014-	05	Prepared: 0	8/05/25 Ana	alyzed: 08/07/25
Gasoline Range Organics (C6-C10)	46.4	20.0	50.0	ND	92.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.38		8.00		105	70-130			

Surrogue. 1-Chioro-4-fluorovenzene-F1D	0.30		0.00		103	70 130			
Matrix Spike Dup (2532034-MSD2)				Source:	E508014-0	05	Prepared: 08	8/05/25 Analyzed: 08/07/25	
Gasoline Range Organics (C6-C10)	47.9	20.0	50.0	ND	95.7	70-130	3.05	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.23		8.00		103	70-130			

QC Summary Data

Matador Resources, LLC.Project Name:Dagger State TBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo8/8/20251:05:15PM

,		,			5 -				
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2532057-BLK1)							Prepared: 0	8/05/25 Ana	lyzed: 08/06/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.4		50.0		96.7	61-141			
LCS (2532057-BS1)							Prepared: 0	8/05/25 Ana	yzed: 08/06/25
Diesel Range Organics (C10-C28)	264	25.0	250		106	66-144			
Surrogate: n-Nonane	50.4		50.0		101	61-141			
Matrix Spike (2532057-MS1)				Source:	E508014-	06	Prepared: 0	8/05/25 Ana	lyzed: 08/06/25
Diesel Range Organics (C10-C28)	285	25.0	250	ND	114	56-156			
Surrogate: n-Nonane	49.4		50.0		98.9	61-141			
Matrix Spike Dup (2532057-MSD1)				Source:	E508014-	06	Prepared: 0	8/05/25 Anal	lyzed: 08/06/25
Diesel Range Organics (C10-C28)	282	25.0	250	ND	113	56-156	1.02	20	
Surrogate: n-Nonane	50.5		50.0		101	61-141			



QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500		Project Name: Project Number:		agger State TE 3003-0002	3				Reported:
Dallas TX, 75240		Project Number: Project Manager:		shley Gioveng	go				8/8/2025 1:05:15PM
		Anions	by EPA 3	300.0/9056 <i>A</i>	1				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2532070-BLK1)							Prepared: (08/06/25	Analyzed: 08/06/25
Chloride	ND	20.0							
LCS (2532070-BS1)							Prepared: (08/06/25	Analyzed: 08/06/25
Chloride	264	20.0	250		106	90-110			
Matrix Spike (2532070-MS1)				Source:	E508014-0)4	Prepared: (08/06/25	Analyzed: 08/06/25
Chloride	278	20.0	250	ND	111	80-120			
Matrix Spike Dup (2532070-MSD1)				Source:	E508014-0)4	Prepared: (08/06/25	Analyzed: 08/06/25
Chloride	281	20.0	250	ND	112	80-120	1.17	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:	Dagger State TB	
l	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
l	Dallas TX, 75240	Project Manager:	Ashley Giovengo	08/08/25 13:05

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.



Imaging: 9/12/2025 10:59:14 AM

Chain of Custody

Lab Use Only TAT Invoice Information State **Client Information** Company: Ensolum LLC NM CO UT TX Job Number 1D 2D 3D Std Client: Matador Lab WO# Address: 3122 National Parks Hwy 123003.000Y Project Name: Dagger State TB Project Manager: Ashley Giovengo City, State, Zip: Carlsbad NM, 88220 Address: 3122 National Parks Hwy Phone: 575-988-0055 **Analysis and Method EPA Program** SDWA CWA City, State, Zip: Carlsbad NM, 88220 RCRA Email: agiovengo@ensolum.com Phone: 575-988-0055 Miscellaneous: Email: agiovengo@ensolum.com Compliance Υ or N **DRO/ORO by 8015** GRO/DRO by 8015 PWSID# Chloride 300.0 RCRA 8 Metals BTEX by 8021 TCEQ 1005 - TX /OC by 8260 Sample Information BGDOC - NM Ĕ Samle Temp Lab Remarks No. of Sample ID Date Sampled Matrix Sampled Container Number FS21-.5 X S 1 7-31-25 1 1 X s X 0947 1 s и X 0933 1 s 5 X 0929 s 1 X s 1 1700 X 153 1 8 1 1206 C 1 1237 X 1129 1 Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Higinio Gonzalez, Eric Plugge Relinguished by: (Signature) Samples requiring thermal 0880 preservation must be received on ice the day they are sampled or 1415 received packed on ice at a temp above 0 but less than 6°C on 1200 subsequent days. Received by: (Signature) Lab Use Only Relinquished by: (Signature)

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

Relinquished by: (Signature)

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

Time

Date

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

Received by: (Signature)

Received on ice:

(Y)/ N

Relinquished by: (Signature)

Date

Time

Page 297 of 373

		lient In	form	ation		Inv	oice Information				La	b Us	e Or	ily				T	AT	\Box		State
Client: N						Company: Ens	solum LLC		Lab	WO	;		Job	Num!	er		1D	2D	3D	Std	NM	CO UT TX
	lame: Da						National Parks Hwy		_ E;	<u>30C</u>	Ola	1	33 0	XB.(∞	Z				X	×	
	<u>Manager:</u> 3122 Na					Phone: 575-9	Carlsbad NM, 8822	20	-				Ana	lysis	and	RAn+	had				- CI	PA Program
	e, Zip: Ca						engo@ensolum.com		-	-			Alla	19313	anu	IVIEL	i iou			\dashv	SDWA	CWA RC
	75-988-0					Miscellaneous:																
Email: a	giovengo(ensolu	ım.c	<u>om</u>						215	012										Complian	се У ог
<u> </u>					Sample Infor	rmation				Å,	by 8	021	92	300.0	ř	etals		Σ.	J		PWSID#	
Time Sampled	Date Sample	ed Ma	trix	No. of Containers		Sample ID		Field	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	8GDOC - TX		Samle Temp	Remarks
117	7-31-	2 5 5	;	1	F531-	-3'			11									Х			4.2	
1125			;	1	F539				12									X			4.0	
1119		s	;	1	F536	-3'			13									X			4.3	
SS)		s	:	1	F537	7-31			14									X			4.1	
1121		s	;	1	F538	. – 3 ,			15									X			38	
1131		s	;	1	F539-	5'			14									X			4.0	
1149		s	;	1	F540-	.5'			17									X			4:1	
1202		s		1	FS41-				18									X			4.2	
1047	1	s	:	1	SW03-	-0-3'			19									X			4.1	
	V	s		1														Х				
Addition	al Instruc	ions:	Plea	se CC: cb	ourton@ensolum	.com, agiovengo(@ensolum.com, ies	rella@	ensolu	m.co	m, ct	ami	lton(@ens	olum	ı.cor	m, bn	noir	@en	olun	n.com	
	ler), attest to Higinio Gonz					are that tampering with	or intentionally mislabeling	the sam	ple location	n, date	or time	of col	lection	is con	idered	d fraud	d and m	ay be	groun	ds for I	egal action.	
Relinquishe	ed by: (Signa	ture)			Date 8 -1-25	Time	Redelyed by: (Signatu Victoria	Co	nzal	eç	Date る	له- ا	S		ime C	 \&	4D				•	quiring therma
Religioushe	cheffe	Go	nz	rles	8-1-25	Time 1415	Mariaan	re)	•		Date	-1-			ime	41	•			ice t	the day th	ey are sample ed on ice at a t
Relinguishe	ed by: (Signa	ture)	~	alo A	Date 5 1.35	71me 2200	Beceived by: Dingatu	re)	A		Date	π.	70	-	ime ₁		<u> </u>				•	less than 6°C
II W	uead		V		8-1-25	1//:00	3 /1. 3 / 84	<i>101</i>	IIII II	_	. ¥ ⁴	₩ .	7	s I	I	: 11					cuhear	quent days.

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

Received by: (Signature)

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.

Date

Lab Use Only Received on ice:

(Y) N

Printed: 8/4/2025 8:42:44AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Matador Resources, LLC.	Date Received:	08/04/25 0	7:30		Work Order ID:	E508014	
Phone:	(972) 371-5200	Date Logged In:	08/01/25 1:	5:18		Logged In By:	Caitlin Mars	
Email:	agiovengo@ensolum.com	Due Date:		7:00 (4 day TA	AT)	<i>5</i> 0 <i>7</i>		
Chain of	Custody (COC)							
1. Does th	ne sample ID match the COC?		Yes					
2. Does th	ne number of samples per sampling site location ma	tch the COC	Yes					
3. Were sa	amples dropped off by client or carrier?		Yes	Carrie	r: <u>Courier</u>			
4. Was the	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes					
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i i.e, 15 minute hold time, are not included in this disucssi		Yes			<u>Commen</u>	ts/Resolution	
Sample T	urn Around Time (TAT)	-						
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes					
Sample C	Cooler sample cooler received?		Yes					
	was cooler received?							
•	<u> </u>		Yes					
	e sample(s) received intact, i.e., not broken?		Yes					
	custody/security seals present?		No					
11. If yes,	, were custody/security seals intact?		NA					
12. Was th	e sample received on ice? Note: Thermal preservation is not required, if samples at 15 minutes of sampling	re received within	Yes					
13. See C	OC for individual sample temps. Samples outside of	f 0°C-6°C will be	recorded in	n comments.				
Sample C	<u>Container</u>							
14. Are a	queous VOC samples present?		No					
15. Are V	OC samples collected in VOA Vials?		NA					
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA					
17. Was a	trip blank (TB) included for VOC analyses?		NA					
18. Are no	on-VOC samples collected in the correct containers	?	Yes					
19. Is the a	appropriate volume/weight or number of sample contain	ners collected?	Yes					
Field Lab	<u>oel</u>							
	field sample labels filled out with the minimum inf	ormation:						
	ample ID?		Yes					
	ate/Time Collected? ollectors name?		Yes					
	reservation		Yes					
	the COC or field labels indicate the samples were p	reserved?	No					
	ample(s) correctly preserved?	10501 704.	NA					
	filtration required and/or requested for dissolved m	etals?	No					
	se Sample Matrix		110					
	the sample have more than one phase, i.e., multipha	se?	No					
	, does the COC specify which phase(s) is to be anal		No					
•		yzcu:	NA					
	act Laboratory							
	amples required to get sent to a subcontract laborato	•	No					
29. Was a	subcontract laboratory specified by the client and i	f so who?	NA	Subcontract	Lab: NA			
Client Ir	<u>istruction</u>							

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

— (E

Date

envirotech Inc.

Report to:
Ashley Giovengo







5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name: Dagger State TB

Work Order: E508034

Job Number: 23003-0002

Received: 8/5/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/11/25

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

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

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

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

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

Date Reported: 8/11/25

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

Project Name: Dagger State TB

Workorder: E508034

Date Received: 8/5/2025 6:45:34AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/5/2025 6:45:34AM, under the Project Name: Dagger State TB.

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

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues 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

T	itle Page	1
С	over Page	2
Т	able of Contents	3
S	ample Summary	5
S	ample Data	6
	FS015'	6
	FS025'	7
	FS035'	8
	FS045'	9
	FS055'	10
	FS065'	11
	FS075'	12
	FS42-1'	13
	FS43-1'	14
	FS44-1'	15
	FS45-1'	16
	FS46-1'	17
	FS47-1'	18
	FS48-1'	19
	FS49-1'	20
	FS50-1'	21
	SW06 0-1'	22
	SW07 0-1'	23
С	C 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
De	finitions and Notes	28
Ch	ain of Custody etc.	29

Sample Summary

Matador Resources, LLC.	Project Name:	Dagger State TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	08/11/25 13:05

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS015'	E508034-01A	Soil	08/01/25	08/05/25	Glass Jar, 2 oz.
FS025'	E508034-02A	Soil	08/01/25	08/05/25	Glass Jar, 2 oz.
FS035'	E508034-03A	Soil	08/01/25	08/05/25	Glass Jar, 2 oz.
FS045'	E508034-04A	Soil	08/01/25	08/05/25	Glass Jar, 2 oz.
FS055'	E508034-05A	Soil	08/01/25	08/05/25	Glass Jar, 2 oz.
FS065'	E508034-06A	Soil	08/01/25	08/05/25	Glass Jar, 2 oz.
FS075'	E508034-07A	Soil	08/01/25	08/05/25	Glass Jar, 2 oz.
FS42-1'	E508034-08A	Soil	08/01/25	08/05/25	Glass Jar, 2 oz.
FS43-1'	E508034-09A	Soil	08/01/25	08/05/25	Glass Jar, 2 oz.
FS44-1'	E508034-10A	Soil	08/01/25	08/05/25	Glass Jar, 2 oz.
FS45-1'	E508034-11A	Soil	08/01/25	08/05/25	Glass Jar, 2 oz.
FS46-1'	E508034-12A	Soil	08/01/25	08/05/25	Glass Jar, 2 oz.
FS47-1'	E508034-13A	Soil	08/01/25	08/05/25	Glass Jar, 2 oz.
FS48-1'	E508034-14A	Soil	08/01/25	08/05/25	Glass Jar, 2 oz.
FS49-1'	E508034-15A	Soil	08/01/25	08/05/25	Glass Jar, 2 oz.
FS50-1'	E508034-16A	Soil	08/01/25	08/05/25	Glass Jar, 2 oz.
SW06 0-1'	E508034-17A	Soil	08/01/25	08/05/25	Glass Jar, 2 oz.
SW07 0-1'	E508034-18A	Soil	08/01/25	08/05/25	Glass Jar, 2 oz.



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/11/2025 1:05:55PM

FS01-.5' E508034-01

		E300034-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2532068
Benzene	ND	0.0250	1	08/06/25	08/08/25	
Ethylbenzene	ND	0.0250	1	08/06/25	08/08/25	
Toluene	ND	0.0250	1	08/06/25	08/08/25	
o-Xylene	ND	0.0250	1	08/06/25	08/08/25	
p,m-Xylene	ND	0.0500	1	08/06/25	08/08/25	
Total Xylenes	ND	0.0250	1	08/06/25	08/08/25	
Surrogate: 4-Bromochlorobenzene-PID		99.0 %	70-130	08/06/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	Analyst: SL		Batch: 2532068
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/25	08/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.2 %	70-130	08/06/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: HM		Batch: 2532095
Diesel Range Organics (C10-C28)	ND	25.0	1	08/07/25	08/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/25	08/07/25	
Surrogate: n-Nonane		105 %	61-141	08/07/25	08/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2532089
Chloride	616	20.0	1	08/06/25	08/07/25	

Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/11/2025 1:05:55PM

FS02-.5' E508034-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2532068
Benzene	ND	0.0250	1	08/06/25	08/08/25	
Ethylbenzene	ND	0.0250	1	08/06/25	08/08/25	
Toluene	ND	0.0250	1	08/06/25	08/08/25	
o-Xylene	ND	0.0250	1	08/06/25	08/08/25	
p,m-Xylene	ND	0.0500	1	08/06/25	08/08/25	
Total Xylenes	ND	0.0250	1	08/06/25	08/08/25	
Surrogate: 4-Bromochlorobenzene-PID		99.6 %	70-130	08/06/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2532068
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/25	08/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		101 %	70-130	08/06/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: HM		Batch: 2532095
Diesel Range Organics (C10-C28)	ND	25.0	1	08/07/25	08/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/25	08/07/25	
Surrogate: n-Nonane		106 %	61-141	08/07/25	08/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: IY		Batch: 2532089
Chloride	92.3	20.0	1	08/06/25	08/07/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/11/2025 1:05:55PM

FS03-.5' E508034-03

		E508034-03				
	D. I.	Reporting	D'I d'	D. I		N
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2532068
Benzene	ND	0.0250	1	08/06/25	08/08/25	
Ethylbenzene	ND	0.0250	1	08/06/25	08/08/25	
Toluene	ND	0.0250	1	08/06/25	08/08/25	
o-Xylene	ND	0.0250	1	08/06/25	08/08/25	
p,m-Xylene	ND	0.0500	1	08/06/25	08/08/25	
Total Xylenes	ND	0.0250	1	08/06/25	08/08/25	
Surrogate: 4-Bromochlorobenzene-PID		98.2 %	70-130	08/06/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2532068
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/25	08/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		103 %	70-130	08/06/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: HM		Batch: 2532095
Diesel Range Organics (C10-C28)	ND	25.0	1	08/07/25	08/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/25	08/07/25	
Surrogate: n-Nonane		105 %	61-141	08/07/25	08/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2532089
Chloride	284	20.0	1	08/06/25	08/07/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/11/2025 1:05:55PM

FS04-.5' E508034-04

		E300034-04				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2532068
Benzene	ND	0.0250	1	08/06/25	08/08/25	
Ethylbenzene	ND	0.0250	1	08/06/25	08/08/25	
Coluene	ND	0.0250	1	08/06/25	08/08/25	
-Xylene	ND	0.0250	1	08/06/25	08/08/25	
o,m-Xylene	ND	0.0500	1	08/06/25	08/08/25	
Total Xylenes	ND	0.0250	1	08/06/25	08/08/25	
Surrogate: 4-Bromochlorobenzene-PID		97.3 %	70-130	08/06/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2532068
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/25	08/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		101 %	70-130	08/06/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: HM		Batch: 2532095
Diesel Range Organics (C10-C28)	80.7	25.0	1	08/07/25	08/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/25	08/07/25	
Surrogate: n-Nonane		105 %	61-141	08/07/25	08/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2532089
Chloride	243	20.0	1	08/06/25	08/07/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/11/2025 1:05:55PM

FS05-.5' E508034-05

		E300034-03				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2532068
Benzene	ND	0.0250	1	08/06/25	08/08/25	
Othylbenzene	ND	0.0250	1	08/06/25	08/08/25	
oluene	ND	0.0250	1	08/06/25	08/08/25	
-Xylene	ND	0.0250	1	08/06/25	08/08/25	
,m-Xylene	ND	0.0500	1	08/06/25	08/08/25	
Total Xylenes	ND	0.0250	1	08/06/25	08/08/25	
Surrogate: 4-Bromochlorobenzene-PID		97.2 %	70-130	08/06/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2532068
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/25	08/08/25	
urrogate: 1-Chloro-4-fluorobenzene-FID		102 %	70-130	08/06/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: HM		Batch: 2532095
Diesel Range Organics (C10-C28)	ND	25.0	1	08/07/25	08/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/25	08/07/25	
Surrogate: n-Nonane		103 %	61-141	08/07/25	08/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2532089
Chloride	20.7	20.0	1	08/06/25	08/07/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/11/2025 1:05:55PM

FS06-.5' E508034-06

		L30005+ 00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2532068
Benzene	ND	0.0250	1	08/06/25	08/08/25	
Ethylbenzene	ND	0.0250	1	08/06/25	08/08/25	
Toluene	ND	0.0250	1	08/06/25	08/08/25	
o-Xylene	ND	0.0250	1	08/06/25	08/08/25	
p,m-Xylene	ND	0.0500	1	08/06/25	08/08/25	
Total Xylenes	ND	0.0250	1	08/06/25	08/08/25	
Surrogate: 4-Bromochlorobenzene-PID		94.8 %	70-130	08/06/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2532068
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/25	08/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130	08/06/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: HM		Batch: 2532095
Diesel Range Organics (C10-C28)	328	25.0	1	08/07/25	08/07/25	_
Oil Range Organics (C28-C36)	119	50.0	1	08/07/25	08/07/25	
Surrogate: n-Nonane		66.4 %	61-141	08/07/25	08/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2532089
Chloride	49.5	20.0	1	08/06/25	08/07/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/11/2025 1:05:55PM

FS07-.5' E508034-07

	E30005+ 07				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: SL		Batch: 2532068
ND	0.0250	1	08/06/25	08/08/25	
ND	0.0250	1	08/06/25	08/08/25	
ND	0.0250	1	08/06/25	08/08/25	
ND	0.0250	1	08/06/25	08/08/25	
ND	0.0500	1	08/06/25	08/08/25	
ND	0.0250	1	08/06/25	08/08/25	
	96.6 %	70-130	08/06/25	08/08/25	
mg/kg	mg/kg	Anal	yst: SL		Batch: 2532068
ND	20.0	1	08/06/25	08/08/25	
	104 %	70-130	08/06/25	08/08/25	
mg/kg	mg/kg	Anal	yst: HM		Batch: 2532095
38.0	25.0	1	08/07/25	08/07/25	
ND	50.0	1	08/07/25	08/07/25	
	102 %	61-141	08/07/25	08/07/25	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2532089
398	20.0	1	08/06/25	08/07/25	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg 38.0 ND	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 20.0 104 % mg/kg mg/kg mg/kg ND 50.0 102 % 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 96.6 % 70-130 mg/kg mg/kg Anal ND 20.0 1 104 % 70-130 1 mg/kg mg/kg Anal 38.0 25.0 1 ND 50.0 1 102 % 61-141 mg/kg mg/kg Anal	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 08/06/25 ND 0.0250 1 08/06/25 ND 0.0250 1 08/06/25 ND 0.0500 1 08/06/25 ND 0.0250 1 08/06/25 ND 0.0250 1 08/06/25 mg/kg mg/kg Analyst: SL ND 20.0 1 08/06/25 mg/kg mg/kg Analyst: HM 38.0 25.0 1 08/07/25 ND 50.0 1 08/07/25 ND 50.0 1 08/07/25 mg/kg Mg/lateral HM 08/07/25 08/07/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 08/06/25 08/08/25 ND 0.0250 1 08/06/25 08/08/25 ND 0.0250 1 08/06/25 08/08/25 ND 0.0500 1 08/06/25 08/08/25 ND 0.0250 1 08/06/25 08/08/25 ND 0.0250 1 08/06/25 08/08/25 mg/kg mg/kg Analyst: SL ND 20.0 1 08/06/25 08/08/25 mg/kg mg/kg Analyst: SL 08/08/25 mg/kg mg/kg Analyst: HM 08/06/25 08/08/25 MD 25.0 1 08/07/25 08/07/25 ND 50.0 1 08/07/25 08/07/25 MD 50.0 1 08/07/25 08/07/25 mg/kg mg/kg Analyst: HM 08/07/25



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/11/2025 1:05:55PM

FS42-1'

E50	OA?) <i>4 4</i>	nο
11.71	IXII.	14-1	u

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2532068
Benzene	ND	0.0250	1	08/06/25	08/08/25	
Ethylbenzene	ND	0.0250	1	08/06/25	08/08/25	
Toluene	ND	0.0250	1	08/06/25	08/08/25	
o-Xylene	ND	0.0250	1	08/06/25	08/08/25	
p,m-Xylene	ND	0.0500	1	08/06/25	08/08/25	
Total Xylenes	ND	0.0250	1	08/06/25	08/08/25	
Surrogate: 4-Bromochlorobenzene-PID		97.5 %	70-130	08/06/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2532068
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/25	08/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130	08/06/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: HM		Batch: 2532095
Diesel Range Organics (C10-C28)	ND	25.0	1	08/07/25	08/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/25	08/07/25	
Surrogate: n-Nonane		102 %	61-141	08/07/25	08/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2532089
Chloride	465	20.0	1	08/06/25	08/07/25	·



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/11/2025 1:05:55PM

FS43-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2532068
Benzene	ND	0.0250	1	08/06/25	08/08/25	
Ethylbenzene	ND	0.0250	1	08/06/25	08/08/25	
Toluene	ND	0.0250	1	08/06/25	08/08/25	
o-Xylene	ND	0.0250	1	08/06/25	08/08/25	
p,m-Xylene	ND	0.0500	1	08/06/25	08/08/25	
Total Xylenes	ND	0.0250	1	08/06/25	08/08/25	
Surrogate: 4-Bromochlorobenzene-PID		97.4 %	70-130	08/06/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2532068
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/25	08/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		102 %	70-130	08/06/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: HM		Batch: 2532095
Diesel Range Organics (C10-C28)	ND	25.0	1	08/07/25	08/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/25	08/08/25	
Surrogate: n-Nonane		102 %	61-141	08/07/25	08/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2532089
Chloride	ND	20.0	1	08/06/25	08/07/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/11/2025 1:05:55PM

FS44-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2532068
Benzene	ND	0.0250	1	08/06/25	08/08/25	
Ethylbenzene	ND	0.0250	1	08/06/25	08/08/25	
Toluene	ND	0.0250	1	08/06/25	08/08/25	
o-Xylene	ND	0.0250	1	08/06/25	08/08/25	
p,m-Xylene	ND	0.0500	1	08/06/25	08/08/25	
Total Xylenes	ND	0.0250	1	08/06/25	08/08/25	
Surrogate: 4-Bromochlorobenzene-PID		96.6 %	70-130	08/06/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2532068
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/25	08/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130	08/06/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: HM		Batch: 2532095
Diesel Range Organics (C10-C28)	ND	25.0	1	08/07/25	08/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/25	08/08/25	
Surrogate: n-Nonane		104 %	61-141	08/07/25	08/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2532089
	ND	20.0		08/06/25	08/07/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/11/2025 1:05:55PM

FS45-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2532068
Benzene	ND	0.0250	1	08/06/25	08/08/25	
Ethylbenzene	ND	0.0250	1	08/06/25	08/08/25	
Toluene	ND	0.0250	1	08/06/25	08/08/25	
o-Xylene	ND	0.0250	1	08/06/25	08/08/25	
p,m-Xylene	ND	0.0500	1	08/06/25	08/08/25	
Total Xylenes	ND	0.0250	1	08/06/25	08/08/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	08/06/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2532068
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/25	08/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		101 %	70-130	08/06/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: HM		Batch: 2532095
Diesel Range Organics (C10-C28)	287	25.0	1	08/07/25	08/08/25	
Oil Range Organics (C28-C36)	111	50.0	1	08/07/25	08/08/25	
Surrogate: n-Nonane		101 %	61-141	08/07/25	08/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2532089
Chloride	345	20.0	1	08/06/25	08/07/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/11/2025 1:05:55PM

FS46-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2532068
Benzene	ND	0.0250	1	08/06/25	08/08/25	
Ethylbenzene	ND	0.0250	1	08/06/25	08/08/25	
Toluene	ND	0.0250	1	08/06/25	08/08/25	
o-Xylene	ND	0.0250	1	08/06/25	08/08/25	
p,m-Xylene	ND	0.0500	1	08/06/25	08/08/25	
Total Xylenes	ND	0.0250	1	08/06/25	08/08/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	08/06/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2532068
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/25	08/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.3 %	70-130	08/06/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: HM		Batch: 2532095
Diesel Range Organics (C10-C28)	26.6	25.0	1	08/07/25	08/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/25	08/08/25	
Surrogate: n-Nonane		109 %	61-141	08/07/25	08/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2532089
Chloride	245	20.0	1	08/06/25	08/07/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/11/2025 1:05:55PM

FS47-1'

		Domontino				
Analyte	Result	Reporting Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	alyst: SL		Batch: 2532068
Benzene	ND	0.0250	1	08/06/25	08/08/25	
Ethylbenzene	ND	0.0250	1	08/06/25	08/08/25	
Toluene	ND	0.0250	1	08/06/25	08/08/25	
o-Xylene	ND	0.0250	1	08/06/25	08/08/25	
p,m-Xylene	ND	0.0500	1	08/06/25	08/08/25	
Total Xylenes	ND	0.0250	1	08/06/25	08/08/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	08/06/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	alyst: SL		Batch: 2532068
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/25	08/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.1 %	70-130	08/06/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	alyst: HM		Batch: 2532095
Diesel Range Organics (C10-C28)	ND	25.0	1	08/07/25	08/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/25	08/08/25	
Surrogate: n-Nonane		104 %	61-141	08/07/25	08/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	alyst: IY		Batch: 2532089
Chloride	261	20.0	1	08/06/25	08/07/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/11/2025 1:05:55PM

FS48-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2532068
Benzene	ND	0.0250	1	08/06/25	08/08/25	
Ethylbenzene	ND	0.0250	1	08/06/25	08/08/25	
Toluene	ND	0.0250	1	08/06/25	08/08/25	
o-Xylene	ND	0.0250	1	08/06/25	08/08/25	
p,m-Xylene	ND	0.0500	1	08/06/25	08/08/25	
Total Xylenes	ND	0.0250	1	08/06/25	08/08/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	08/06/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2532068
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/25	08/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.2 %	70-130	08/06/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: HM		Batch: 2532095
Diesel Range Organics (C10-C28)	ND	25.0	1	08/07/25	08/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/25	08/08/25	
Surrogate: n-Nonane		104 %	61-141	08/07/25	08/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2532089
Chloride	147	20.0	1	08/06/25	08/07/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/11/2025 1:05:55PM

FS49-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2532068
Benzene	ND	0.0250	1	08/06/25	08/08/25	
Ethylbenzene	ND	0.0250	1	08/06/25	08/08/25	
Toluene	ND	0.0250	1	08/06/25	08/08/25	
o-Xylene	ND	0.0250	1	08/06/25	08/08/25	
p,m-Xylene	ND	0.0500	1	08/06/25	08/08/25	
Total Xylenes	ND	0.0250	1	08/06/25	08/08/25	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	08/06/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	Analyst: SL		Batch: 2532068
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/25	08/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.5 %	70-130	08/06/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: HM		Batch: 2532095
Diesel Range Organics (C10-C28)	28.0	25.0	1	08/07/25	08/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/25	08/08/25	
Surrogate: n-Nonane		102 %	61-141	08/07/25	08/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2532089
Chloride	ND	20.0	1	08/06/25	08/07/25	·



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/11/2025 1:05:55PM

FS50-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2532068
Benzene	ND	0.0250	1	08/06/25	08/08/25	
Ethylbenzene	ND	0.0250	1	08/06/25	08/08/25	
Toluene	ND	0.0250	1	08/06/25	08/08/25	
o-Xylene	ND	0.0250	1	08/06/25	08/08/25	
p,m-Xylene	ND	0.0500	1	08/06/25	08/08/25	
Total Xylenes	ND	0.0250	1	08/06/25	08/08/25	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	08/06/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	Analyst: SL		Batch: 2532068
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/25	08/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.0 %	70-130	08/06/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: HM		Batch: 2532095
Diesel Range Organics (C10-C28)	ND	25.0	1	08/07/25	08/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/25	08/08/25	
Surrogate: n-Nonane		103 %	61-141	08/07/25	08/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2532089
Chloride	ND	20.0	1	08/06/25	08/07/25	·



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/11/2025 1:05:55PM

SW06 0-1'

		E508034-17				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2532068
Benzene	ND	0.0250	1	08/06/25	08/08/25	
Ethylbenzene	ND	0.0250	1	08/06/25	08/08/25	
Toluene	ND	0.0250	1	08/06/25	08/08/25	
o-Xylene	ND	0.0250	1	08/06/25	08/08/25	
p,m-Xylene	ND	0.0500	1	08/06/25	08/08/25	
Total Xylenes	ND	0.0250	1	08/06/25	08/08/25	
Surrogate: 4-Bromochlorobenzene-PID		99.4 %	70-130	08/06/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2532068
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/25	08/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.5 %	70-130	08/06/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: HM		Batch: 2532095
Diesel Range Organics (C10-C28)	ND	25.0	1	08/07/25	08/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/25	08/08/25	
Surrogate: n-Nonane		102 %	61-141	08/07/25	08/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2532089
Chloride	81.6	20.0	1	08/06/25	08/07/25	



Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/11/2025 1:05:55PM

SW07 0-1'

		E508034-18				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2532068
Benzene	ND	0.0250	1	08/06/25	08/08/25	
Ethylbenzene	ND	0.0250	1	08/06/25	08/08/25	
Toluene	ND	0.0250	1	08/06/25	08/08/25	
o-Xylene	ND	0.0250	1	08/06/25	08/08/25	
o,m-Xylene	ND	0.0500	1	08/06/25	08/08/25	
Total Xylenes	ND	0.0250	1	08/06/25	08/08/25	
Surrogate: 4-Bromochlorobenzene-PID		99.7 %	70-130	08/06/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2532068
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/25	08/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.3 %	70-130	08/06/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: HM		Batch: 2532095
Diesel Range Organics (C10-C28)	ND	25.0	1	08/07/25	08/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/25	08/08/25	
Surrogate: n-Nonane		108 %	61-141	08/07/25	08/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2532089
Chloride	ND	20.0	1	08/06/25	08/07/25	



QC Summary Data

	•	J	
Matador Resources, LLC.	Project Name:	Dagger State TB	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/11/2025 1:05:55PM
	Volatile Orga	nics by EPA 8021B	Analyst: SL

Dallas TX, 75240		Project Manager:	As	shley Gioveng	o,				8/11/2025 1:05:55PM		
		Volatile Organics by EPA 8021B							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 (2532068-BLK1)							Prepared: 0	8/06/25 A	nalyzed: 08/08/25		
Benzene	ND	0.0250									
Ethylbenzene	ND	0.0250									
Toluene	ND	0.0250									
o-Xylene	ND	0.0250									
p,m-Xylene	ND	0.0500									
Total Xylenes	ND	0.0250									
Surrogate: 4-Bromochlorobenzene-PID	8.01		8.00		100	70-130					
LCS (2532068-BS1)							Prepared: 0	8/06/25 A	nalyzed: 08/08/25		
Benzene	4.25	0.0250	5.00		85.0	70-130					
Ethylbenzene	4.17	0.0250	5.00		83.4	70-130					
Toluene	4.24	0.0250	5.00		84.8	70-130					
o-Xylene	4.30	0.0250	5.00		86.1	70-130					
p,m-Xylene	8.53	0.0500	10.0		85.3	70-130					
Total Xylenes	12.8	0.0250	15.0		85.6	70-130					
Surrogate: 4-Bromochlorobenzene-PID	8.15		8.00		102	70-130					
Matrix Spike (2532068-MS1)				Source:	E508034-0	04	Prepared: 0	8/06/25 A	nalyzed: 08/08/25		
Benzene	4.01	0.0250	5.00	ND	80.2	70-130					
Ethylbenzene	3.95	0.0250	5.00	ND	78.9	70-130					
Toluene	4.00	0.0250	5.00	ND	80.0	70-130					
o-Xylene	4.08	0.0250	5.00	ND	81.6	70-130					
p,m-Xylene	8.08	0.0500	10.0	ND	80.8	70-130					
Total Xylenes	12.2	0.0250	15.0	ND	81.1	70-130					
Surrogate: 4-Bromochlorobenzene-PID	8.04		8.00		101	70-130					
Matrix Spike Dup (2532068-MSD1)				Source:	E508034-0	04	Prepared: 0	8/06/25 A	nalyzed: 08/08/25		
Benzene	4.34	0.0250	5.00	ND	86.7	70-130	7.79	27			
Ethylbenzene	4.32	0.0250	5.00	ND	86.4	70-130	9.07	26			
Toluene	4.34	0.0250	5.00	ND	86.8	70-130	8.13	20			
o-Xylene	4.35	0.0250	5.00	ND	86.9	70-130	6.29	25			
p,m-Xylene	8.80	0.0500	10.0	ND	88.0	70-130	8.47	23			
Total Xylenes	13.1	0.0250	15.0	ND	87.6	70-130	7.74	26			
Surrogate: 4-Bromochlorobenzene-PID	8.05		8.00		101	70-130					



Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Matador Resources, LLC.Project Name:Dagger State TBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo8/11/20251:05:55PM

Dallas TX, 75240		Project Manage	r: As	shley Gioveng	go			8/1	1/2025 1:05:55PM
	Non	halogenated		Analyst: SL					
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2532068-BLK1)							Prepared: 0	8/06/25 Anal	yzed: 08/08/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.98		8.00		99.7	70-130			
LCS (2532068-BS2)							Prepared: 0	8/06/25 Anal	yzed: 08/08/25
Gasoline Range Organics (C6-C10)	44.4	20.0	50.0		88.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.96		8.00		99.5	70-130			
Matrix Spike (2532068-MS2)				Source:	E508034-	04	Prepared: 0	8/06/25 Anal	yzed: 08/08/25
Gasoline Range Organics (C6-C10)	47.2	20.0	50.0	ND	94.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.81		8.00		97.6	70-130			
Matrix Spike Dup (2532068-MSD2)				Source:	E508034-	04	Prepared: 0	8/06/25 Anal	yzed: 08/08/25
Gasoline Range Organics (C6-C10)	53.9	20.0	50.0	ND	108	70-130	13.3	20	

8.00

7.86

98.2

70-130

QC Summary Data

Matador Resources, LLC.Project Name:Dagger State TBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo8/11/20251:05:55PM

Dullus 171, 732 10		r roject ivianage.		iney Groveng	50						
	Nonhalogenated Organics by EPA 8015D - DRO/ORO								Analyst: HM		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2532095-BLK1)							Prepared: 0	8/07/25 Analy	vzed: 08/07/25		
Diesel Range Organics (C10-C28)	ND	25.0									
Oil Range Organics (C28-C36)	ND	50.0									
Surrogate: n-Nonane	50.8		50.0		102	61-141					
LCS (2532095-BS1)							Prepared: 0	8/07/25 Analy	zed: 08/07/25		
Diesel Range Organics (C10-C28)	265	25.0	250		106	66-144					
Surrogate: n-Nonane	49.9		50.0		99.8	61-141					
Matrix Spike (2532095-MS1)				Source:	E508034-0	03	Prepared: 0	8/07/25 Analy	zed: 08/07/25		
Diesel Range Organics (C10-C28)	268	25.0	250	ND	107	56-156					
Surrogate: n-Nonane	50.5		50.0		101	61-141					
Matrix Spike Dup (2532095-MSD1)				Source:	E508034-0	03	Prepared: 0	8/07/25 Analy	zed: 08/07/25		
Diesel Range Organics (C10-C28)	306	25.0	250	ND	122	56-156	13.2	20			
Surrogate: n-Nonane	58.3		50.0		117	61-141					

Chloride

QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500		Project Name: Project Number:		Dagger State TE 23003-0002	3				Reported:
Dallas TX, 75240		Project Manager:		Ashley Gioveng	o				8/11/2025 1:05:55PM
		Anions	by EPA	300.0/9056A					Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2532089-BLK1)							Prepared: 0	8/06/25 A	nalyzed: 08/07/25
Chloride	ND	20.0							
LCS (2532089-BS1)							Prepared: 0	8/06/25 A	nalyzed: 08/07/25
Chloride	250	20.0	250		99.9	90-110			
Matrix Spike (2532089-MS1)				Source:	E508034-	04	Prepared: 0	8/06/25 A	nalyzed: 08/07/25
Chloride	474	20.0	250	243	92.4	80-120			
Matrix Spike Dup (2532089-MSD1)				Source:	E508034-	04	Prepared: 0	8/06/25 A	nalyzed: 08/07/25

250

20.0

96.0

80-120

1.89

243

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.



20

Definitions and Notes

l	Matador Resources, LLC.	Project Name:	Dagger State TB	
l	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
l	Dallas TX, 75240	Project Manager:	Ashley Giovengo	08/11/25 13:05

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.



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. Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: ((Y)/ N Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

	otec					100												
	Clier	nt Inform	nation	Invoice Information		4/45/		La	b Us	e On	ly				TAT			State
lient: N	Matador	Dear of		Company: Ensolum LLC		Lab_	WO#	t		Job I				1D 2	D 30			CO UT TX
	lame: Dagge			Address: 3122 National Parks Hwy		E5	1800	35		<u> 23</u>	202	',co	50			X	X	
	Manager: Asl			City, State, Zip: Carlsbad NM, 882	20													
	3122 Nation			Phone: 575-988-0055				,,		Ana	lysis	and	Met	hod				PA Program
	e, Zip: Carls		88220	Email: agiovengo@ensolum.com	1												SDWA	CWA RCRA
	575-988-005			Miscellaneous:														
mail: a	giovengo@ei	nsolum.c	om				015	015									Complian	ce Y or N
Name of		Michiga					by 8	by 8(121	9	0.00	×	etals	١,			PWSID #	
20020				Sample Information	L 1	J 1-4	ORO	ORO	oy 80	y 82	de 3	.000	8 Me	1	¥ ×		Samle Temp	Remarks
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - TX		San	Remarks
110	211116		1	100 -1							-	-	ш,		(_	21	
1901	-01112	S	±	501-15		1									`		2.8	
900		S	1	1502-5		2)	(2.6	
358		s	1	1503-15		3)	(3.2	
2964		s	1	504-5		4)	(3,4	
9do		s	1	125-5		5)	κ		2.1	
1112		duce		Start 1	+	1									(
1100		S	1	150U-15		Q									`		20	
1007		S	1	12501-15		7)	K		1.8	
1100		S	1	1542-1		8								2	K	11	1.6	
1156		S	1	K543-1		9								2	ĸ		2.4	
163	1//	S	1	V 1112-11		10									K		2.0	

Sampled by: Higinio Gonzalez, Eric Plugge

envirotech Analytical Laboratory

Sampled by: Higinio Gonzalez, Eric Plugge	· · · · · · · · · · · · · · · · · · ·		1.0 E 01 40	V/9/		
Relinquished by: (Signature)	8-4-25	0711	Received by (Signature)	8-4-25	0711	p
Relinquished by (Signature)	8-4-15	Time 1600	Received by: (Signature) Marissa Songales	8-4-15	Time	r
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Relinquished by: (Signature) Mariasa Banyalea	Date 7-4-28	Time 900	RECATIONELL MUSSO	Date 8.4.75	Time /900	
Andrew Musso	B.4.25	7400	Received by Harry	Date 8.5.25	TIM045	
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqu	eous, O - Other		Container Type: g	glass, p - poly/plast	ic, ag - amber glass, v	v - VOA

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

Released to Imaging: 9/12/2025 10:59:14 AM	nvirotech	
10	Client	Info
I	Client: Matador	
ag	Project Name: Dagger S	State
Ti di di di di di di di di di di di di di	Project Manager: Ashle	y G
àô	Address: 3122 National	Par
9/	City, State, Zip: Carlsba	d N
12.	Phone: 575-988-0055	
22	Email: agiovengo@ense	olun
125 1		
0:59:	Time Sampled Date Sampled	Matri
14 A	1200 8/1/25	S
×	11/2	s

Chain of Custody

	Clie	nt Inform	ation		19-	Inve	oice Information					La	b Us	e On	ly		11		TA	TA				Stat	e
Client: N	1atador					Company: Ens	olum LLC		L	ab V	NO#			Job 1			LS I	1D	2D	3D	Std	N	MC	O UT	TX
Project N	lame: Dagge	r State T	В		100	Address: 3122	National Parks Hw	лу		EF	20	803	4	23	003	·m	2				X	X			
Project N	Manager: Asl	nley Giov	engo			City, State, Zip:	Carlsbad NM, 882	220																	
Address:	3122 Nation	nal Parks	Hwy			Phone: 575-98	88-0055							Ana	lysis	and	Met	hod					EPA	Progra	am
City, Stat	e, Zip: Carls	bad NM,	88220			Email: agiove	ngo@ensolum.cor	n														SDW	A	CWA	RCRA
Phone: 5	75-988-005	5			1	Aiscellaneous:															- 1		9		
Email: a	giovengo@e	nsolum.c	om								12	15									Ī	Compl	iance	Υ	or N
Service .	THE MANAGEMENT	THE WATER	nyi Alika							10	/ 80	/ 80			0.0	×	sle				[PWSI) #		
				Sample I	nform	ation					O	iO b	802	826(300	1-3c	Met		Σ	×		a c	2		
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID		Field	Lab Numb		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Samle		Ren	marks
1200	8/1/25	S	1	F	51	15-1	′		11					4					х			2.4)		
1113		S	1	F	51	16-1			12										Х			2.2			
1115		s	1	F	51	17-1			13										Х			2.2			
1111		s	1	j.	3	118-1	1		14										Х			1.6			
150		S	1	F	3	49-1			15										Х			1-8			
1151		S	1	F	51	50-1			10										Х			2.1	10		
144		s	1	5	(e)	160-1			17	1									Х			2.0)		a a
1031		s	1	5	W	070.	-1'		18										Х			1.0			
		s	1																Х				(A)		
		s	1																Х						
Addition	al Instructio	ns: Ple	ase CC: cb	ourton@enso	lum.co	om, agiovengo(gensolum.com, ie	strella	@ens	olun	n.co	m, cl	hami	lton(@en	solun	n.coi	m, bi	moir	@en	solu	m.com	E		
	pler), attest to the : Higinio Gonzale:			of this sample. I a	am aware	that tampering with	or intentionally mislabeli	ng the sa	mple loc	ation,	, date	or tim	e of co	llection	is co	nsidere	d frau	d and	may be	e grour	nds for	legal act	ion.		-
Relinquish	ed by: (Signatur	e)		Date 4-2	5	ime 711	Received by: (Signa	10	BANZ B	Fa	c.	Date	-4	15		Time	57	11		202				uiring th	hermal eceived on
Relinquish	ed by: (Signatu	Gorga	les	Date X402	3	Time 1600	Received by: (Signa	ture)	ma	ale	s s	Date	- 4	-25		Time	60				ice	the da	y the	y are sa	impled or at a temp
	ed by: (Signatur		lea	Date 7-4-25	ŝ	1900	Received by (Signa	ture)	141	R A	(n	Date	3.0	1.7	5	Time	22	700	>		а			ess than ent day	n 6°C on ys.
Relignuish	ed by: (Signatur	e) /		Date	-	Time -	Received by. Signa	ture)	114			Date	_	25	-	Time	0/1	10			h W	ı	ab U	se Only	/
An	arew	MUL	150	3.4.7	.5	~ 400	Received by: (Signa	U	·w	N B		Date	5	63		Time	y	0				Re		d on ic	:e:
Kelinquish	ed by: (Signatu	e)		Date		mie	neceived by: (Signa	turej				Date				line							0	N	
	trix: S - Soil, Sd - S								tainer																
							are made. Hazardous s										clien	t expe	ense.	The re	port f	or the a	nalysi	s of the	above
samples is	applicable only	to those s	amples rece	eived by the labo	ratory v	vith this COC. The li	ability of the laborator	ry is limi	ited to t	he ar	moun	t paid	for o	n the	repor	t.									

Page 329 of 373

envirotech Inc.

Printed: 8/5/2025 10:21:58AM

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:	08/05/25	06:45	Work Order ID:	E508034
Phone:	(972) 371-5200	Date Logged In:	08/04/25	16:36	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	08/11/25	07:00 (4 day TAT)		
Chain of	Custody (COC)					
	he sample ID match the COC?		Yes			
	he number of samples per sampling site location ma	atch the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: Courier		
	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes			
5. Were a	Ill samples received within holding time? Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss	•	Yes		Comment	s/Resolution
Sample 7	Turn Around Time (TAT)					
6. Did the	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 th	e sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
	, were custody/security seals intact?		NA			
-	ne sample received on ice?					
	Note: Thermal preservation is not required, if samples a 15 minutes of sampling		Yes	in commonts		
	COC for individual sample temps. Samples outside	of 0 C-0 C will be	recorded	in comments.		
	Container NOC 1 1 12		3.7			
	queous VOC samples present?		No			
	/OC samples collected in VOA Vials?		NA NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?	0	NA			
	on-VOC samples collected in the correct container		Yes			
	appropriate volume/weight or number of sample conta	iners collected?	Yes			
Field La						
	field sample labels filled out with the minimum infample ID?	formation:	Yes			
	Date/Time Collected?		Yes			
	Collectors name?		Yes			
Sample l	Preservation_					
21. Does	the COC or field labels indicate the samples were p	oreserved?	No			
22. Are s	ample(s) correctly preserved?		NA			
24. Is lab	filtration required and/or requested for dissolved n	netals?	No			
Multipha	ase Sample Matrix					
	the sample have more than one phase, i.e., multiph	ase?	No			
	s, does the COC specify which phase(s) is to be ana		NA			
		,	1411			
	ract Laboratory amples required to get sent to a subcontract laborat	omr9	No			
	a subcontract laboratory specified by the client and	•	NA	Cylegonema et T. ale, ma		
	• • •	ii so wiio:	INA	Subcontract Lab: na		
Client I	<u>nstruction</u>					
1						
						_

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name: Dagger State TB

Work Order: E508323

Job Number: 23003-0002

Received: 8/29/2025

Revision: 0

Report Reviewed By:

Draft Walter Hinchman Laboratory Director 8/29/25

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

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

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

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

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

Date Reported: 8/29/25

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

Project Name: Dagger State TB

Workorder: E508323

Date Received: 8/29/2025 7:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/29/2025 7:15:00AM, under the Project Name: Dagger State TB.

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

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues 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
SS09B-0'	5
Definitions and Notes	6
Chain of Custody etc.	7

Sample Summary

Γ	Matador Resources, LLC.	Project Name:	Dagger State TB	Donoutodi
١	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
l	Dallas TX, 75240	Project Manager:	Ashley Giovengo	08/29/25 10:15

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS09B-0'	E508323-01A	Soil	08/28/25	08/29/25	Glass Jar, 2 oz.



Sample Data

Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/29/2025 10:15:37AM

SS09B-0' E508323-01

	E508323-01				
	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: SL		Batch: 2535120
ND	0.0250	1	08/29/25	08/29/25	
ND	0.0250	1	08/29/25	08/29/25	
ND	0.0250	1	08/29/25	08/29/25	
ND	0.0250	1	08/29/25	08/29/25	
ND	0.0500	1	08/29/25	08/29/25	
ND	0.0250	1	08/29/25	08/29/25	
	99.3 %	70-130	08/29/25	08/29/25	
mg/kg	mg/kg	Ana	lyst: SL		Batch: 2535120
ND	20.0	1	08/29/25	08/29/25	
	106 %	70-130	08/29/25	08/29/25	
mg/kg	mg/kg	Ana	lyst: KH		Batch: 2535126
ND	25.0	1	08/29/25	08/29/25	
ND	50.0	1	08/29/25	08/29/25	
	91.6 %	61-141	08/29/25	08/29/25	
mg/kg	mg/kg	Ana	lyst: DT		Batch: 2535121
188	20.0	1	08/29/25	08/29/25	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Reporting Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0500 ND 0.0250 99.3 % mg/kg mg/kg mg/kg ND 20.0 106 % mg/kg ND 25.0 ND 50.0 91.6 % 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 MB/kg mg/kg Ana ND 20.0 1 106 % 70-130 70-130 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 91.6 % 61-141 mg/kg mg/kg Ana	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 08/29/25 ND 0.0250 1 08/29/25 ND 0.0250 1 08/29/25 ND 0.0500 1 08/29/25 ND 0.0250 1 08/29/25 ND 0.0250 1 08/29/25 mg/kg mg/kg Analyst: SL ND 20.0 1 08/29/25 mg/kg mg/kg Analyst: KH ND 25.0 1 08/29/25 ND 50.0 1 08/29/25 ND 50.0 1 08/29/25 ND 50.0 1 08/29/25 Mg/kg Mg/29/25 Analyst: KH	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 08/29/25 08/29/25 ND 0.0250 1 08/29/25 08/29/25 ND 0.0250 1 08/29/25 08/29/25 ND 0.0500 1 08/29/25 08/29/25 ND 0.0250 1 08/29/25 08/29/25 ND 0.0250 1 08/29/25 08/29/25 MD 0.0250 1 08/29/25 08/29/25 mg/kg mg/kg Analyst: SL ND 08/29/25 MD 20.0 1 08/29/25 08/29/25 mg/kg mg/kg Analyst: KH ND 25.0 1 08/29/25 08/29/25 ND 50.0 1 08/29/25 08/29/25 ND 50.0 1 08/29/25 08/29/25 ND 50.0

Definitions and Notes

Matador Resources, LLC.	Project Name:	Dagger State TB	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	08/29/25 10:15

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.





	Clie	nt Inforn	nation		I	Invo	ice Information)				Lab U	se O	nly				T.	AT	\Box	\Box	State		
Client: N	latador Prod				1	Company: Ense				Lab W			_	Num	ber		1D		3D	Std	NM	CO UT		
	Dagger State]	Address: 3122			<u> </u>	ES	10# 1 83 2	<u>.3</u>			-00	٥٥	Z							
	lanager: Asl				4	City, State, Zip:		8220	[
	3122 Nation				4	Phone: 575-98			I	L			An	alysi	and	Met	thod					A Progra		
	e, Zip: Carls		88220		4	Email: agiove	ngo@ensolum.c	om					1		ŀ					L	SDWA	CWA		
	75-988-005				-	Miscellaneous:							1							I.		. 1		
<u>Email: ag</u>	iovengo@e	nsolum.c	om		╛						8015		1	٦				1	1 1	-	Compliand	e Y		
		_		Sample I	Inforr	mation		-		-	<u> </u>	170	88	300.0	¥	Aetal		. ₹		ŀ	PWSID#			
Time	Date Sampled	Matrix	No. of Containers	<u> </u>		Sample ID		leld tor	La Num	b	DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Samle Temp	Rei		
Sampled	0 (0 ()		Onlane;			0 D 0	/	<u> </u>	Num	iber	<u> </u>	= =	×	+	<u> </u>	<u> </u>		\ <u>\</u>	- 8	\dashv				
12:35	8/28/25	5011	l	>>	<u> </u>	9B-0		+	1	_	_	\bot	<u> </u>	<u> </u>	<u> </u>		┡	$ \Delta $			4.3			
																					,			
			 						<u> </u>				+	 			H		\vdash					
									ļ	_	-	+	_	_	<u> </u>			-		_				
										寸	\top	+	T	T	╁		\vdash			_	-			
								+	-		+	-		+			<u> </u>	-	\vdash					
						_			<u> </u>			╙			<u> </u>			<u> </u>	Щ	_				
Addition	al Instructio	ns: cburt	on@enso	olum.com, agi	ioven	go@ensolum.con	n, chamilton@e	nsolum.	com,	iestre	lla@e	nsoul	m.co	m, jh	inkle	@en	solu	m.co	m, jge	onzal	iez@ens	olum.co		
bmoir@e	ensolum.com	m. oaderi	into@ens	olum.com. ak	one@	Densolum.com	intentionally mislabeli	ing the sam	ole loca	tion, dat	e or tim	of coll	ection i	is consi	dered f	raud a	nd ma	v be ø	rounds f	or lega	action.			
			149			e that tampering with or								_										
Relinquishe	ti by: (Signatur	re)		8/28/2	4	13.3C	Received by: (Sign Mars A Received by: (Sign Mars A Received by: (Sign	Mure G	one	ale	C S	e () 7	·)	5	Time	33	7.5							
			0	Date	_	Time	Received by: (Sign	nature)			Dat	e .	<u>, ~ ·</u>		Time		$\frac{\sim}{\sim}$	-	1	ice the day they are sampled				
l hal	ichelle	Gonz	rles	S-28-7	15	1530	Maria	sa de	ion	rol	المه	3-2	૪-ટ	25	/	5	30		i I	received packed on ice at a t				
Relinquishe	d by: (Signatur	·e)		Date			Received by Sign	nature)	1	K K A	Da	e			Time		10	00		at	oove 0 but			
m_{ℓ}	orlana : ed y: (Signatur Cheul	tions	ales	8-28-			JIIWK	א אנגע	<u>vņi</u>	<u>uu</u>	<u> </u>	<u>ರ ೧</u>	8.	<u> 25</u>			7	00	┨		_			
ikeunsuishe	u py: (Signatur	THE	,,,	Date 2. 28		Time 2315	Ineceived by: (SIRI	iature)	,		υa	-	9-2	_	Time	7			: I	subsequent days. Lab Use Only				

envirotech Inc.

Printed: 8/29/2025 9:04:25AM

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:	08/29/25	07:15	Work Order ID:	E508323
Phone:	(972) 371-5200	Date Logged In:	08/28/25	15:40	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	08/30/25	07:00 (0 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			
3. Were s	samples dropped off by client or carrier?		Yes	Carrier: Courier		
	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes			
5. Were a	Ill samples received within holding time? Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss	•	Yes		Comment	ts/Resolution
Sample 7	Turn Around Time (TAT)					
	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (
	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	e sample(s) received intact, i.e., not broken?		Yes			
	custody/security seals present?		No			
	s, were custody/security seals intact?		NA NA			
-	ne sample received on ice?					
	Note: Thermal preservation is not required, if samples a 15 minutes of sampling		Yes	in commonts		
	COC for individual sample temps. Samples outside	of 0 C-0 C will be	recorded	in comments.		
	Container 1 12 12		3.7			
	equeous VOC samples present?		No			
	/OC samples collected in VOA Vials?		NA NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?	0	NA			
	non-VOC samples collected in the correct containers		Yes			
	appropriate volume/weight or number of sample conta	iners collected?	Yes			
Field La		·				
	field sample labels filled out with the minimum inflample ID?	ormation:	Yes			
	Date/Time Collected?		Yes			
	Collectors name?		Yes			
Sample l	<u>Preservation</u>					
21. Does	the COC or field labels indicate the samples were p	reserved?	No			
22. Are s	ample(s) correctly preserved?		NA			
24. Is lab	filtration required and/or requested for dissolved m	etals?	No			
Multipha	ase Sample Matrix					
	the sample have more than one phase, i.e., multiple	ise?	No			
	s, does the COC specify which phase(s) is to be analysis		NA			
	ract Laboratory	-				
	amples required to get sent to a subcontract laborate	amu?	No			
	a subcontract laboratory specified by the client and	•	NA	Subcontract Lab: NA		
		ii so wiio:	IVA	Suocontract Lau. NA		
Client I	<u>nstruction</u>					
1						
1						
						_

Date

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



APPENDIX E

NMOCD Correspondence

From: Velez, Nelson, EMNRD
To: Ashley Giovengo

Cc: Jason Touchet; Chad Hamilton; Bilkis Moir; Bratcher, Michael, EMNRD; Wells, Shelly, EMNRD

Subject: Re: [EXTERNAL] Confirmation Sampling Variance - Dagger State TB - Incident Number nAPP2515348746

Date: Friday, July 18, 2025 9:33:05 AM

Attachments: image001.png

image002.png image003.png Outlook-bp2egvce.png

[**EXTERNAL EMAIL**]

Good morning Ashley,

Thank you for the correspondence and in speaking with me this morning.

As I mentioned in our telephone conversation, your email somewhat overlooked the matter into the depth to water (dtw) determination being outside the preferable 0.5 mile radius. Since its distance is approximately 0.67 miles away from the incident, OCD has accepted this information and will view your dtw being >100 feet below grade.

Your variance request to increase the sampling frequency to 400 square feet (sq. ft.) for the excavation floor samples is approved. Sidewall confirmation samples will be at 200 sq. ft. per composite where applicable.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

The OCD requires a copy of all correspondence related to remedial activities be included in all proposals and/or final closure reports. Correspondence required to be included in reports may include, but not limited to, notifications for liner inspections, sample events, spill/release/fire, and request for time extensions or variances.

Have a safe and productive day!

Regards,

Nelson Velez • Environmental Specialist - Adv Environmental Bureau | EMNRD - Oil Conservation Division 1000 Rio Brazos Road | Aztec, NM 87410 (505) 469-6146 | nelson.velez@emnrd.nm.gov http://www.emnrd.nm.gov/ocd



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Sent: Thursday, July 17, 2025 2:50 PM

To: Velez, Nelson, EMNRD < Nelson. Velez@emnrd.nm.gov> **Cc:** Bratcher, Michael, EMNRD < mike.bratcher@emnrd.nm.gov>

Subject: FW: [EXTERNAL] Confirmation Sampling Variance - Dagger State TB - Incident Number

nAPP2515348746

From: Ashley Giovengo <agiovengo@ensolum.com>

Sent: Thursday, July 17, 2025 2:31 PM

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

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

<chamilton@ensolum.com>; Bilkis Moir <bmoir@ensolum.com>

Subject: [EXTERNAL] Confirmation Sampling Variance - Dagger State TB - Incident Number

nAPP2515348746

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

Hello,

Matador Production Company (Matador) is requesting a confirmation sampling variance at the Dagger State TB (Site). On June 02, 2025, equipment failure on a vertical heater treater resulted in the release of approximately 180 barrels (bbls) of crude oil. The release impacted the lined secondary containment and approximately 19,758 square feet of the caliche pad. Matador reported the release to the New Mexico Oil Conservation Division (NMOCD) on June 02, 2025, and subsequently the release was assigned (Incident Number nAPP2515348746). The closest permitted groundwater well with depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) soil boring, CP-1882-POD1, located 0.67 miles northeast of the Site. The well had a reported depth to groundwater greater than 106 feet below ground surface (bgs) and a total depth of 106 feet bgs. A desktop review for potential site receptors has been completed for this Site and the site is greater than 1,000 ft. to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine (see Figure 1). The closest significant watercourse is a fresh water emergent wetland located approximately 2.04 miles north of the Site. The Site is not underlain by unstable geology (low potential karst designation area) and there are no indicators of surface or subsurface karst features observed at or around the Site. Based on the results of the desktop review, the following Site Closure Criteria will apply: 10 mg/kg benzene, 50 mg/kg BTEX, 100 mg/kg Total TPH – Gasoline Range Organics (GRO), TPH – Oil Range Organics (ORO), TPH – Diesel Range Organics

(DRO), and 600 mg/kg chloride.

Ensolum personnel have completed lateral and vertical delineation soil sampling in accordance with the strictest Closure Criteria per NMOCD Table I. A liner Integrity Inspection was conducted on July 15, 2025, and vertical delineation soil sampling inside the lined secondary containment is currently ongoing. Matador would like to request a confirmation sampling variance for excavation floor samples collected every 400 sq. ft. from the floor of the excavation and every 200 sq. ft. from the sidewalls of the excavation where applicable. Matador is scheduled to begin confirmation soil sampling activities as soon as a subcontractor is selected and Matador intends to remove any impacts that exceed the Site Closure Criteria via mechanical equipment. Matador will submit a remediation work plan or closure report required in 19.15.29.12.B.(1) NMAC following excavation and confirmation sampling activities. Due to the size of the impacted area, and a regional depth to groundwater greater than 106 ft bgs, Matador believes this *variance request* will provide equal or better protection of public health, the environment. Matador respectfully requests approval for this *variance request* associated with Incident Number (nAPP2515348746).

Ashley Giovengo
Associate Principal
575-988-0055
Ensolum, LLC
in f X

"Your authenticity is your superpower." – Unknown

From: <u>Velez, Nelson, EMNRD</u>

To: <u>Chad Hamilton; Enviro, OCD, EMNRD</u>
Cc: <u>Ashley Giovengo; Jason Touchet</u>

Subject: Re: [EXTERNAL] Depth to Water Variance - Dagger State TB - Incident Number nAPP2515348746

Date: Wednesday, July 23, 2025 11:23:42 AM

Attachments: image001.png

image002.pnq image003.pnq image004.pnq Outlook-n043gjjl.pnq

[**EXTERNAL EMAIL**]

Good afternoon Chad,

Thank you for the correspondence.

Your variance request in determining the depth to water estimation being > 100 feet below grade is approved.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

The OCD requires a copy of all correspondence related to remedial activities be included in all proposals and/or final closure reports. Correspondence required to be included in reports may include, but not limited to, notifications for liner inspections, sample events, spill/release/fire, and request for time extensions or variances.

Regards,

Nelson Velez • Environmental Specialist - Adv Environmental Bureau | EMNRD - Oil Conservation Division 1000 Rio Brazos Road | Aztec, NM 87410 (505) 469-6146 | nelson.velez@emnrd.nm.gov http://www.emnrd.nm.gov/ocd



From: Chad Hamilton <chamilton@ensolum.com>

Sent: Tuesday, July 22, 2025 9:05 AM

To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>; Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>

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

Subject: [EXTERNAL] Depth to Water Variance - Dagger State TB - Incident Number nAPP2515348746

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

Hello.

Matador Production Company (Matador) is requesting a depth to water variance at the Dagger State TB (Site). On June 02, 2025, equipment failure on a vertical heater treater resulted in the release of approximately 180 barrels (bbls) of crude oil. The release impacted the lined secondary containment and approximately 19,758 square feet of the caliche pad. Matador reported the release to the New Mexico Oil Conservation Division (NMOCD) on June 02, 2025, and subsequently the release was assigned (Incident Number nAPP2515348746). The closest permitted groundwater well with depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) soil boring, CP-1882-POD1, located 0.67 miles northeast of the Site. The well had a reported depth to groundwater greater than 106 feet below ground surface (bgs) and a total depth of 106 feet bgs. A desktop review for potential site receptors has been completed for this Site and the site is greater than 1,000 ft. to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine (see Figure 1). The closest significant watercourse is a fresh water emergent wetland located approximately 2.04 miles north of the Site. The Site is not underlain by unstable geology (low potential karst designation area) and there are no indicators of surface or subsurface karst features observed at or around the Site. Based on the results of the desktop review, the following Site Closure Criteria will apply: 10 mg/kg benzene, 50 mg/kg BTEX, 100 mg/kg Total TPH – Gasoline Range Organics (GRO), TPH – Oil Range Organics (ORO), TPH – Diesel Range Organics (DRO), and 600 mg/kg chloride.

Ensolum personnel have completed lateral and vertical delineation soil sampling in accordance with the strictest Closure Criteria per NMOCD Table I. A liner Integrity Inspection was conducted on July 15, 2025, and vertical delineation soil sampling inside the lined secondary containment is currently ongoing. Matador would like to request a depth to water variance for this Site based on regional depth to groundwater data. Currently, there are 4 monitoring wells with available depth to ground water data that are within 1.20 miles of the Site. New Mexico Office of the State Engineer (NMOSE) soil boring CP-1882-POD1 is located 0.67 miles northeast of the Site, soil boring CP-01883 POD1 is located 0.84 miles north of the Site, and soil borings CP-01878 and CP-01888 POD1 are located 1.18 and 1.13 miles south of the Site, respectively. All soil borings were completed within the last 4 years by Atkins Engineering and advanced to a minimum depth of 105 feet bgs. Matador respectfully requests the use of soil boring CP-1882 POD1 as the depth to groundwater determination for the Site and based on the adjusted Site Characterization, the following NMOCD Table I Closure Criteria would apply:

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

TPH: 2,500 mg/kg

• Chloride: 20,000 mg/kg

Matador is scheduled to begin confirmation soil sampling activities as soon as a subcontractor is selected and Matador intends to remove any impacts that exceed the adjusted Site Closure Criteria via mechanical equipment. Matador will submit a remediation work plan or closure report required in 19.15.29.12.B.(1) NMAC following excavation and confirmation sampling activities. Due to the size of the impacted area, and a regional depth to groundwater greater than 106 ft bgs, Matador believes this *variance request* will provide equal or better protection of public health, the environment. Matador respectfully requests approval for this *variance request* associated with Incident Number (nAPP2515348746).



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 469922

QUESTIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	469922
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source					
Please answer all the questions in this group.					
Site Name	Dagger State TB				
Date Release Discovered	06/02/2025				
Surface Owner	State				

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

Nature and Volume of Release						
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.						
Crude Oil Released (bbls) Details	Cause: Equipment Failure Other (Specify) Crude Oil Released: 179 BBL Recovered: 164 BBL Lost: 15 BBL.					
Produced Water Released (bbls) Details	Not answered.					
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.					
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)	Heater Treater fire tube developed a split in tube causing an unexpected release of crude oil on ground.					

General Information Phone: (505) 629-6116

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

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

QUESTIONS, Page 2

Action 469922

QUESTIONS	(continued)
------------------	-------------

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	469922
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

QUESTIONS

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

Initial Response
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped
True

The impacted area has been secured to protect human health and the environment

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices

All free liquids and recoverable materials have been removed and managed appropriately

If all the actions described above have not been undertaken, explain why

N/A

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

General Information Phone: (505) 629-6116

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

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

ACKNOWLEDGMENTS

Action 469922

ACKNOWLEDGMENTS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	469922
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

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

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Action 469922

CONDITIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	469922
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By		Condition Date
j_touchet	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	6/2/2025

0.5" Saturation
Impacted Soil
Saturated Soil (inches)
0.4
Area (sq. ft.)
19835.44
Standing fluids
inches of standing fluid
bbl estimate of standing fluids
barrels recovered (if known)
burrels recovered (il known)
Call town
Soil type
pad caliche
Spill type
oil(crude)
Barrel estimate in soil
15.7
Barrel estimate (standing fluids/ recovered+in soil)
15.7

Containment Area
containment Area
Impacted Soil
Saturated Soil (inches)
0
Area (sq. ft.)
8339
Standing fluids
inches of standing fluid
bbl estimate of standing fluids
barrels recovered (if known)
164
Soil type
pad caliche
Spill type
oil(crude)
Barrel estimate in soil
0.0
Barrel estimate (standing fluids/ recovered+in soil)
164.0

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 470036

QUESTIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	470036
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2515348746
Incident Name	NAPP2515348746 DAGGER STATE TB @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Received

Location of Release Source		
Please answer all the questions in this group.		
Site Name	Dagger State TB	
Date Release Discovered	06/02/2025	
Surface Owner	State	

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

Nature and Volume of Release		
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.		
Crude Oil Released (bbls) Details	Cause: Equipment Failure Other (Specify) Crude Oil Released: 180 BBL Recovered: 164 BBL Lost: 16 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)	Heater Treater fire tube developed a split in tube causing an unexpected release of crude oil on ground.	

General Information Phone: (505) 629-6116 Online Phone Directory

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

Energy, Minerals and Natural Resources
Oil Conservation Division

QUESTIONS, Page 2

Action 470036

1220 S. St Francis Dr. Santa Fe. NM 87505

QUESTIONS (continued)

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	470036
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

State of New Mexico

QUESTIONS

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

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

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

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

Name: Jason Touchet
Title: EHS Field Rep
Email: jason.touchet@matadorresources.com
Date: 06/02/2025

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 3

Action 470036

QUESTIONS (continued)

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	470036
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

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

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

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 470036

CONDITIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	470036
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	6/3/2025

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 484288

QUESTIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	484288
	Action Type:
	[NOTIFY] Notification Of Liner Inspection (C-141L)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2515348746
Incident Name	NAPP2515348746 DAGGER STATE TB @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	Dagger State TB
Date Release Discovered	06/02/2025
Surface Owner	State

Liner Inspection Event Information	
Please answer all the questions in this group.	
What is the liner inspection surface area in square feet	8,775
Have all the impacted materials been removed from the liner	Yes
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	07/15/2025
Time liner inspection will commence	09:00 AM
Please provide any information necessary for observers to liner inspection	Please contact Aboubakar Kone @ (202) 569-0491
Please provide any information necessary for navigation to liner inspection site	32.44983, -103.61657

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 484288

CONDITIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	484288
	Action Type:
	[NOTIFY] Notification Of Liner Inspection (C-141L)

CONDITIONS

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

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 488154

QUESTIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	488154
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2515348746
Incident Name	NAPP2515348746 DAGGER STATE TB @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	DAGGER STATE TB
Date Release Discovered	06/02/2025
Surface Owner	State

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	19,835	
What is the estimated number of samples that will be gathered	57	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/28/2025	
Time sampling will commence	09:00 AM	
Please provide any information necessary for observers to contact samplers	Jimmy Gonzalez @ (575) 909-3249	
Please provide any information necessary for navigation to sampling site	32.44983, -103.61657	

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 488154

CONDITIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	488154
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
j_touchet	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	7/23/2025
j_touchet	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	7/23/2025

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 488165

QUESTIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	488165
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2515348746
Incident Name	NAPP2515348746 DAGGER STATE TB @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	DAGGER STATE TB
Date Release Discovered	06/02/2025
Surface Owner	State

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	19,835	
What is the estimated number of samples that will be gathered	57	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/29/2025	
Time sampling will commence	09:00 AM	
Please provide any information necessary for observers to contact samplers	Jimmy Gonzalez @ (575) 909-3249	
Please provide any information necessary for navigation to sampling site	32.44983, -103.61657	

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 488165

CONDITIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	488165
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
j_touchet	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	7/23/2025
j_touchet	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	7/23/2025

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

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

QUESTIONS

Action 488169

QUESTIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	488169
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2515348746
Incident Name	NAPP2515348746 DAGGER STATE TB @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	DAGGER STATE TB
Date Release Discovered	06/02/2025
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	19,835
What is the estimated number of samples that will be gathered	57
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/30/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jimmy Gonzalez @ (575) 909-3249
Please provide any information necessary for navigation to sampling site	32.44983, -103.61657

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 488169

CONDITIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	488169
	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.	7/23/2025
j_touchet	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	7/23/2025

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

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

QUESTIONS

Action 488172

QUESTIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	488172
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2515348746
Incident Name	NAPP2515348746 DAGGER STATE TB @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	DAGGER STATE TB
Date Release Discovered	06/02/2025
Surface Owner	State

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	19,853	
What is the estimated number of samples that will be gathered	57	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/31/2025	
Time sampling will commence	09:00 AM	
Please provide any information necessary for observers to contact samplers	Jimmy Gonzalez @ (575) 909-3249	
Please provide any information necessary for navigation to sampling site	32.44983, -103.61657	

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 488172

CONDITIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	488172
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created By	Condition	Condition Date
j_touche	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.	7/23/2025
j_touche	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	7/23/2025

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

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

QUESTIONS

Action 488175

QUESTIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	488175
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2515348746
Incident Name	NAPP2515348746 DAGGER STATE TB @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	DAGGER STATE TB
Date Release Discovered	06/02/2025
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	19,835
What is the estimated number of samples that will be gathered	57
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/01/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jimmy Gonzalez @ (575) 909-3249
Please provide any information necessary for navigation to sampling site	32.44983, -103.61657

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 488175

CONDITIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	488175
	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.	7/23/2025
j_touchet	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	7/23/2025

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 500769

QUESTIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	500769
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

Prerequisites	
Incident ID (n#)	nAPP2515348746
Incident Name	NAPP2515348746 DAGGER STATE TB @ L-30-21S-33E
Incident Type	Oil Release
Incident Status	Deferral Request Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	DAGGER STATE TB
Date Release Discovered	06/02/2025
Surface Owner	State

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Equipment Failure Other (Specify) Crude Oil Released: 180 BBL Recovered: 164 BBL Lost: 16 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)	Heater Treater fire tube developed a split in tube causing an unexpected release of crude oil on ground.

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 500769

QUESTIONS (continued)

QUESTI	ions (continued)
Operator:	OGRID:
MATADOR PRODUCTION COMPANY One Lincoln Centre	228937
Dallas, TX 75240	Action Number: 500769
Bullad, 17.70210	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	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.
F =	
Initial Response	
The responsible party must undertake the following actions immediately unless they could create a s	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	N/A
	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 releathe OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Jason Touchet Title: EHS Field Rep Email: jason.touchet@matadorresources.com Date: 08/29/2025

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 500769

QUESTIONS (continued)

Operator		OGRID:
	MATADOR PRODUCTION COMPANY	228937
	One Lincoln Centre	Action Number:
	Dallas, TX 75240	500769
		Action Type:
		[C-141] Deferral Request C-141 (C-141-v-Deferral)

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

Remediation Plan		
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 a	ssociated 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 millig	grams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	616	
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	41307	
GRO+DRO (EPA SW-846 Method 8015M)	30707	
BTEX (EPA SW-846 Method 8021B or 8260B)	71.8	
Benzene (EPA SW-846 Method 8021B or 8260B)	2	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed e which includes the anticipated timelines for beginning and completing the remediation.	fforts 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	07/28/2025	
On what date will (or did) the final sampling or liner inspection occur	08/01/2025	
On what date will (or was) the remediation complete(d)	08/01/2025	
What is the estimated surface area (in square feet) that will be reclaimed	16687	
What is the estimated volume (in cubic yards) that will be reclaimed	649	
What is the estimated surface area (in square feet) that will be remediated	19887	
What is the estimated volume (in cubic yards) that will be remediated	738	
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		
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 4

Action 500769

QUESTIONS (continued)

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	500769
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

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

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

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

I hereby agree and sign off to the above statement

Name: Jason Touchet Title: EHS Field Rep

Email: jason.touchet@matadorresources.com

Date: 08/29/2025

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.

MATADOR PRODUCTION COMPANY

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

General Information Phone: (505) 629-6116

Operator:

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 500769

QUESTIONS (continued)

OGRID:

228937

One Lincoln Centre Dallas, TX 75240	Action Number: 500769
Dailas, TX 13240	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)
QUESTIONS	
Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each	ch 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 thi submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	Area of requested deferral is directly beneath secondary lined containment and production equipment.
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	895
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	33
	nediately under or around production equipment such as production tanks, wellheads and pipelines where ation may be deferred with division written approval until the equipment is removed during other operations, or when
Enter the facility ID (f#) on which this deferral should be granted	Not answered.
Enter the well API (30-) on which this deferral should be granted	30-025-48898 DAGGER STATE COM #514H
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
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
to report and/or file certain release notifications and perform corrective actions for rethe OCD does not relieve the operator of liability should their operations have failed	ny knowledge and understand that pursuant to OCD rules and regulations all operators are required eleases which may endanger public health or the environment. The acceptance of a C-141 report by to adequately investigate and remediate contamination that pose a threat to groundwater, surface port 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: 08/29/2025

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 6

Action 500769

QUESTIONS (continued)

Operator:		OGRID:
	MATADOR PRODUCTION COMPANY	228937
	One Lincoln Centre	Action Number:
	Dallas, TX 75240	500769
		Action Type:
		[C-141] Deferral Request C-141 (C-141-v-Deferral)

Sampling Event Information		
Last sampling notification (C-141N) recorded	490840	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/05/2025	
What was the (estimated) number of samples that were to be gathered	57	
What was the sampling surface area in square feet	19835	

Remediation Closure Request		
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.		
Requesting a remediation closure approval with this submission	No	

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 500769

CONDITIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	500769
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

Created By		Condition Date
nvelez	Deferral is approved. Remediation Due date will be left open until the site has been plugged and abandoned or a major facility deconstruction takes place.	9/12/2025