

May 21, 2024

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

Re: Deferral Request

Jack Sleeper/NOVO Booster Station Incident Number nAPP2404348731 Eddy County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of Matador Production Company (Matador), has prepared this *Deferral Request* to document excavation and soil sampling activities performed at the Jack Sleeper/NOVO Booster Station (Site). The purpose of the excavation and soil sampling activities was to address impacts to soil following a release of produced water onto the well pad. Based on field observation following excavation, field screening activities, and soil sample laboratory analytical results, Matador is submitting this *Deferral Request*, describing Site assessment and excavation activities that have occurred and requesting deferral of final remediation for Incident Number nAPP2404348731 until the Site is reconstructed and/or the booster pad is abandoned.

### SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit E, Section 5, Township 23 South, Range 28 East, in Eddy County, New Mexico (32.33595°, -104.10495°) and is associated with oil and gas exploration and production operations on Private Land.

On February 11, 2024, a transfer pump seal failed, which resulted in the pump containment area to overflow. As a result, approximately 464 barrels (bbls) of produced water was released on to the pad; 282 bbls of produced water was recovered immediately upon discovery of the release. Matador reported the release to the New Mexico Oil Conservation Division (NMOCD) via email and submitted a Release Notification Form C-141 (Form C-141) via web portal on February 12, 2024, and the release was assigned Incident Number nAPP2404348731.

#### SITE CHARACTERIZATION AND CLOSURE CRITERIA

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

The closest permitted groundwater well with depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) well C-03800 POD1, with a depth to water measurement of 36 feet below

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

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ground surface (bgs). The well is located 1,075 feet west of the Site. All wells used to establish depth to groundwater are depicted on Figure 1 and the referenced well records are included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is a wetland area, located approximately 906 feet north of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is not within 1,000 feet of a freshwater well or spring. The Site is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (medium potential karst designation area). Potential Site receptors are identified on Figure 1.

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

Benzene: 10 milligrams per kilogram (mg/kg)

Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg

Total Petroleum Hydrocarbons (TPH): 100 mg/kg

Chloride: 600 mg/kg

#### **DELINEATION AND EXCAVATION SOIL SAMPLING ACTIVITIES**

On February 12, 2024, Ensolum personnel were onsite to map the release extent and on February 29, 2024, to begin delineation sampling of the release area. Delineation soil samples SS01 through SS05 were collected at the ground surface (0 feet bgs) to verify the lateral extent of the release area. Three borehole samples, BH01 through BH03, were advanced via hand auger to depths of 1-foot bgs to verify the vertical extent of the release area. Soil samples were field screened for chloride utilizing Hach® chloride QuanTab® test strips and Mohr's titration method. All boreholes and delineation soil sample locations are depicted on Figure 2. A photographic log including delineation and excavation activities can be found in Appendix B. Field screening results and observations for the boreholes were logged on lithologic/soil sampling logs, which are included in Appendix C.

The delineation 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 Laboratory Analysis (Envirotech) in Farmington, New Mexico, for analysis of the following constituents of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-gasoline range organics (GRO), TPH-diesel range organics (DRO), and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300.0.

From April 15 through May 8, 2024, Ensolum personnel were on the Site to complete excavation of the accessible release area. Excavation of the release area was completed with a backhoe, loader, hydrovac, and hand tools to depths ranging from the ground surface to 6.5 feet bgs. Following removal of impacted soil, Ensolum personnel collected 70, 5-point composite soil samples (FS01 through FS70) representing up to 200 square feet from the excavation floor and 12 from the sidewall. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. Ten sidewall samples (SW01 though SW10) were collected from the edge of the release extent at depths ranging from the ground surface to 4.5 feet bgs and two sidewall samples (SW11 and SW12) were collected from the edge of equipment areas. One borehole (BH04) was advanced within the area of requested deferral. Excavation confirmation floor, sidewall, and borehole soil samples were handled and analyzed following the same

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procedures as described above. The excavation extent and excavation soil sample locations are presented on Figure 3.

A total of approximately 1,740 cubic yards of impacted soil was removed during excavation activities to the maximum extent practicable (MEP). The final excavation extent measured approximately 13,909 square feet. The impacted soil was removed during the excavation activities and was transported and disposed of at the R360 Landfill Disposal Facility in Hobbs, New Mexico. After completion of confirmation sampling, the excavation area was secured with fencing. Following deferral, Matador intends to complete remediation of the on-pad and off-pad spill areas in accordance with the site Closure Criteria and according to the reclamation requirement following major Site reconstruction or reclamation of the production pad.

#### LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for lateral delineation soil samples (SS01 through SS05) collected at 0 feet bgs were all in compliance with the strictest Closure Criteria for the Site per NMOCD Table I. Laboratory analytical results for all excavation floor confirmation samples (FS01 through FS70) were in compliance with the Closure Criteria for the Site, with the exception of floor confirmation sample FS48 for chloride. This sample location was in the direct vicinity of production equipment piping and supports, limiting further excavation. Vertical delineation in compliance with the strictest Closure Criteria was achieved in BH01 through BH04 at depths of 1, 1, 1, and 4 feet bgs, respectively.

Excavation floor confirmation samples (FS41 and FS59) comprise the extent of the release off-pad. Laboratory analytical results for all off-pad excavation floor confirmation samples were in compliance with the strictest Closure Criteria per 19.15.29.13.D (1) NMAC. The laboratory analytical results are summarized in Tables 1, 2, and 3 and the complete laboratory analytical reports are included in Appendix D. All sampling notifications to NMOCD and additional correspondence is included in Appendix E.

#### **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 1,753 square feet, and assuming a depth of up to 6.5 feet bgs under the electrical panels and pumps based on the analytical results from surrounding confirmation samples and 3 feet bgs in sample area FS58 based on delineation borehole BH04, a total of approximately 285 cubic yards of impacted soil remains in place. Soil in the vicinity of floor confirmation soil samples FS58 are included in this deferment request due to the proximity of production equipment and safety concerns of excavating deeper, which has the potential to destabilize the equipment and harm workers and/or the environment. 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 SS05 at 0 feet bgs and vertically delineated by borehole samples BH01 through BH03 at 1-foot bgs, and borehole sample BH04 at 4 feet bgs.

Matador does not believe deferment will result in imminent risk to human health, the environment, or groundwater. Depth to groundwater was determined to be 36 feet bgs, and all accessible impacted soil was removed to the MEP during the excavation activities. Any gross impacts were removed via scraping of the ground surface. Based on the presence of active production equipment within the release area and the complete lateral and vertical delineation of impacted soil remaining in place, Matador requests



Matador Production Company Jack Sleeper/NOVO Booster Station Deferral Request

deferral of final remediation for Incident Number nAPP2404348731 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** 

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

cc: Clinton Talley, Matador Production Company

Site Receptor Map

# Appendices:

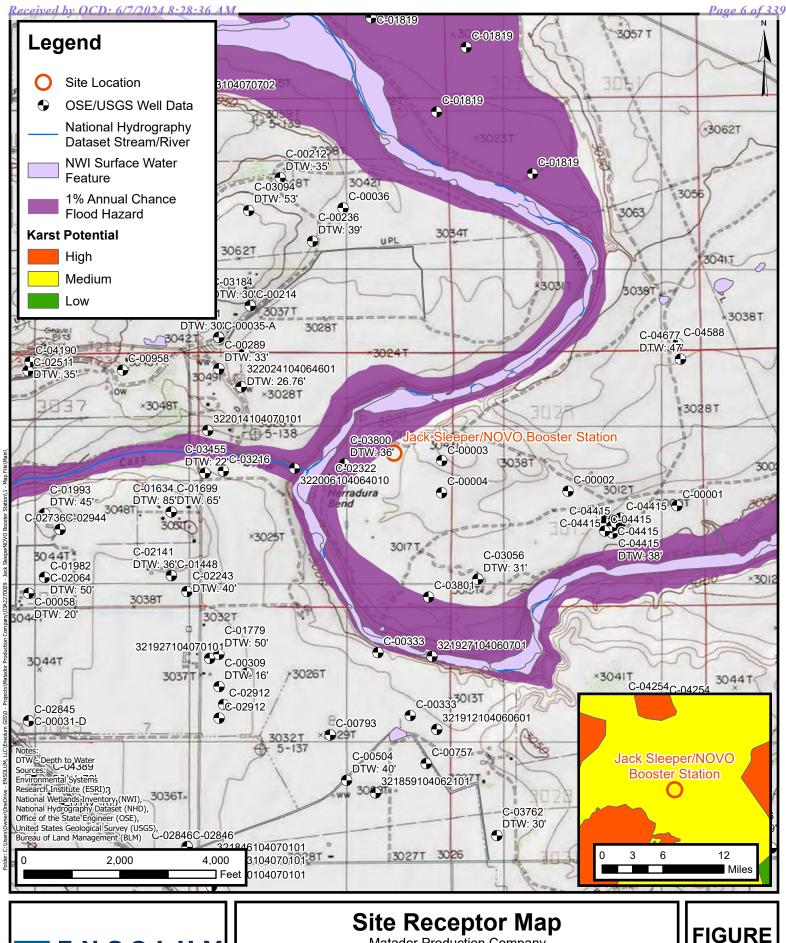
Figure 1

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





**FIGURES** 

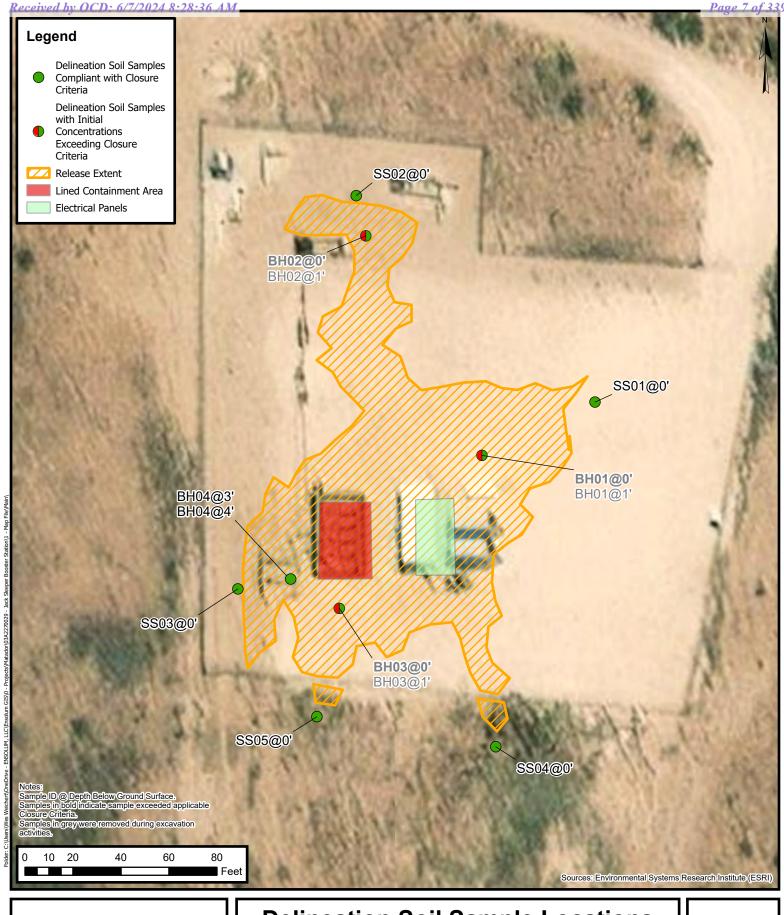




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Matador Production Company
Jack Sleeper/NOVO Booster Station
Incident Number: nAPP2404348731
Unit E, Section 05, T 23S, R 28E
Eddy County, New Mexico

FIGURE 1



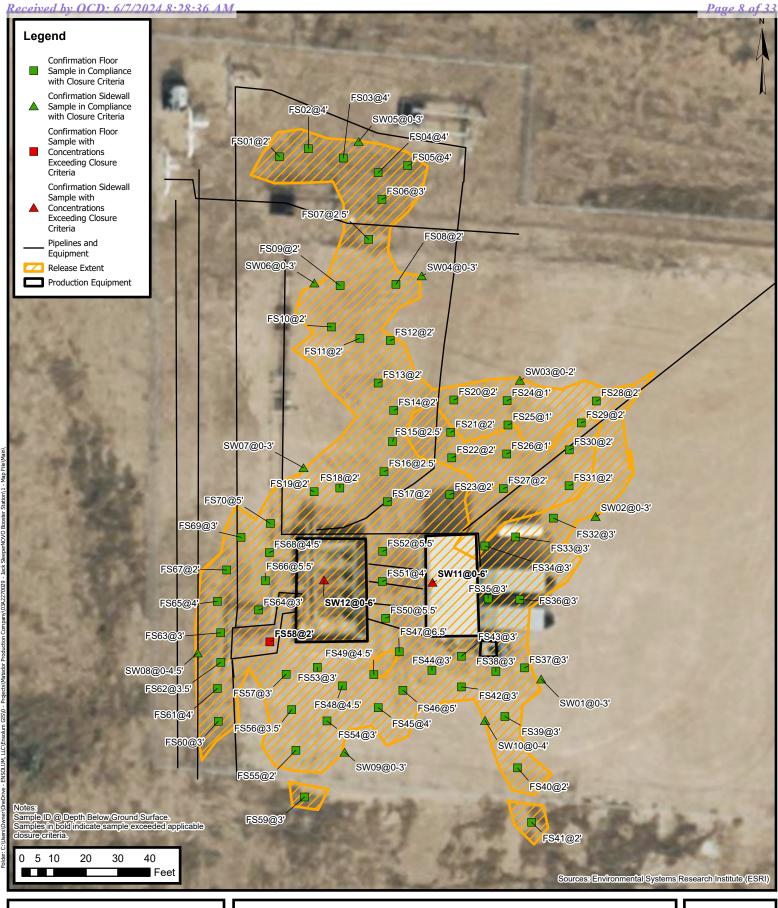


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# **Delineation Soil Sample Locations**

Matador Production Company
Jack Sleeper/NOVO Booster Station
Incident Number: nAPP2404348731
Unit E, Sec 5, T23S, R28E
Eddy Co, New Mexico, United States

FIGURE 2



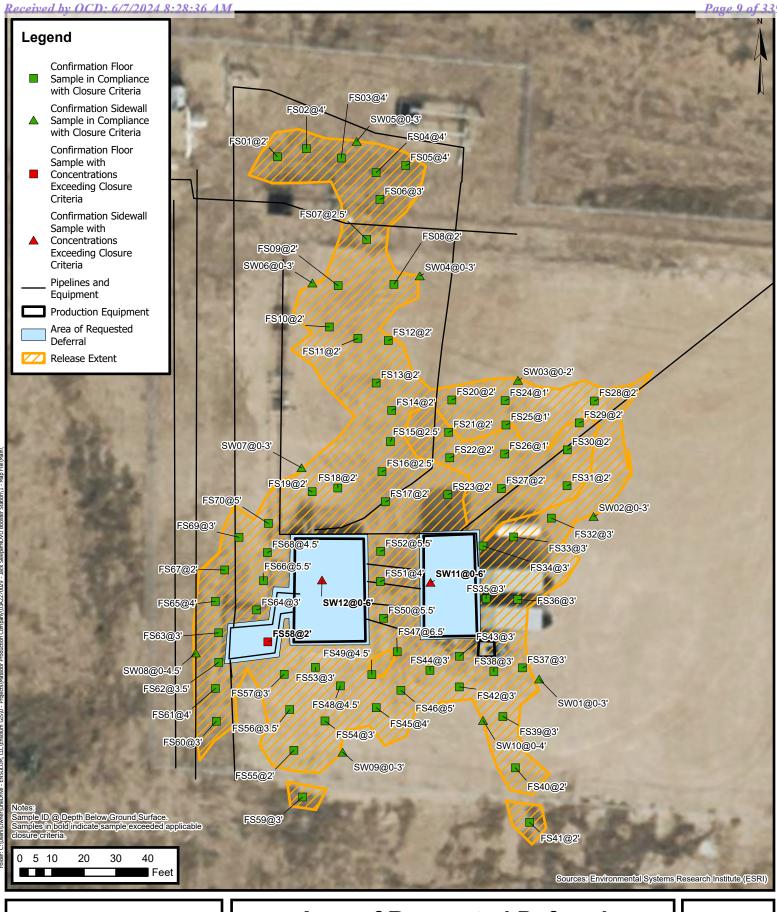


# **Confirmation Soil Sample Locations**

Matador Production Company
Jack Sleeper/NOVO Booster Station
Incident Number: nAPP2404348731
Unit E, Section 05, T 23S, R 28E
Eddy County, New Mexico

FIGURE 3

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# **Area of Requested Deferral**

Matador Production Company
Jack Sleeper/NOVO Booster Station
Incident Number: nAPP2404348731
Unit E, Section 05, T 23S, R 28E
Eddy County, New Mexico

FIGURE 4





# **SOIL SAMPLE ANALYTICAL RESULTS**

**Jack Sleeper/NOVO Booster Station Matador Production Company** Eddy County, New Mexico

				Luu	y County, New IVI	EXICO				
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
				Delir	neation Soil Sar	nples				
SS01	2/29/2024	0	< 0.0250	< 0.0250	<20.0	<25.0	<50.0	<20.0	<20.0	468
SS02	2/29/2024	0	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
SS03	2/29/2024	0	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
SS04	2/29/2024	0	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
SS05	2/29/2024	0	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
BH01	2/29/2024	0	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	<20.0	8,180
BH01	2/29/2024	4	<0.0250	<0.0250	<20.0	<25.0	< <del>50.0</del>	< <del>20.0</del>	<20.0	42.5
BH02	2/29/2024	0	<0.0250	< 0.0250	<20.0	<25.0	<50.0	<20.0	<20.0	8,850
BH02	2/29/2024	4	< 0.0250	<0.0250	<20.0	<25.0	< <del>50.0</del>	<20.0	<20.0	21.3
BH03	2/29/2024	0	<0.0250	<0.0250	<20.0	<25.0	< <del>50.0</del>	<20.0	<20.0	6,770
BH03	2/29/2024	4	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	<20.0	130
BH04	5/7/2024	3	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	<20.0	40
BH04	5/7/2024	4	< 0.0250	< 0.0250	<20.0	<25.0	<50.0	<20.0	<20.0	25.1

#### 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



# TABLE 2 **SOIL SAMPLE ANALYTICAL RESULTS**

Jack Sleeper/NOVO Booster Station **Matador Production Company** 

	Eddy County, New Mexico											
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)		
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600		
				Excava	tion Floor Soil S	amples						
FS01	4/22/2024	2	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	51.9		
FS02	4/22/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	39.0		
FS03	4/22/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	26.0		
FS04	4/22/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	64.4		
FS05	4/22/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	36.2		
FS06	4/30/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0		
FS07	4/30/2024	2.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0		
FS08	4/30/2024	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0		
FS09	4/30/2024	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0		
FS10	4/30/2024	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0		
FS11	4/30/2024	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	82.5		
FS12	4/30/2024	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0		
FS13	4/30/2024	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	64.7		
FS14	4/30/2024	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	53.3		
FS15	5/3/2024	2.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	34.9		
FS16	5/3/2024	2.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	33.0		
FS17	5/2/2024	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	83.6		
FS18	5/2/2024	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	30.7		
FS19	5/2/2024	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	40.9		
FS20	5/2/2024	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	84.6		
FS21	5/2/2024	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	95.9		
FS22	5/2/2024	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	199		
FS23	5/2/2024	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	68.8		
FS24	5/2/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	46.7		
FS25	5/2/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	26.2		
FS26	5/2/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	57.9		
FS27	5/2/2024	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	23.5		
FS28	5/2/2024	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	36.7		
FS29	5/2/2024	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	28.8		
FS30	5/2/2024	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	41.3		



# **SOIL SAMPLE ANALYTICAL RESULTS - Continued**

Jack Sleeper/NOVO Booster Station **Matador Production Company** 

	Eddy County, New Mexico											
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)		
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600		
				Excava	tion Floor Soil S	amples						
FS31	5/3/2024	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	40.9		
FS32	5/3/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0		
FS33	5/3/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	222		
FS34	5/3/2024	3	<0.0250	<0.0500	<20.0	<25.0	162	53.9	215.9	371		
FS34	5/17/2024	3	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	182		
FS35	5/3/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	44.8		
FS36	5/3/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	29.0		
FS37	5/3/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0		
FS38	5/3/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0		
FS39	5/3/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0		
FS40	5/3/2024	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	23.4		
FS41	5/3/2024	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0		
FS42	5/3/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	90.2		
FS43	5/6/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	90.2		
FS44	5/6/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	141		
FS45	5/6/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	60.1		
FS46	5/6/2024	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	46.1		
FS47	5/7/2024	6.5	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	465		
FS48	5/6/2024	4.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	61.4		
FS49	5/6/2024	4.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	600		
FS50	5/6/2024	5.5	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	285		
FS51	5/7/2024	4	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	139		
FS52	5/6/2024	5.5	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0		
FS53	5/8/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	37.2		
FS54	5/6/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	111		
FS55	5/6/2024	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	123		
FS56	5/7/2024	3.5	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0		
FS57	5/7/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	346		
FS58	5/7/2024	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,280		
FS59	5/6/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	94.9		
FS60	5/8/2024	3	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	34		



### **SOIL SAMPLE ANALYTICAL RESULTS - Continued**

Jack Sleeper/NOVO Booster Station Matador Production Company Eddy County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
		, ,,							, , ,	, , ,
NMOCD Table I	Closure Criteria (	(NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
				Excava	ation Floor Soil S	amples				
FS61	5/8/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	440
FS62	5/8/2024	3.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	197.0
FS63	5/8/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS64	5/7/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	131
FS65	5/8/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	320
FS66	5/7/2024	5.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	68.9
FS67	5/8/2024	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS68	5/7/2024	4.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	411
FS69	5/8/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	393
FS70	5/7/2024	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	284

#### 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



# **SOIL SAMPLE ANALYTICAL RESULTS**

Jack Sleeper/NOVO Booster Station Matador Production Company Eddy County, New Mexico

					, ocumy, row in					
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
				Sic	dewall Soil Samp	les				
SW01	5/6/2024	0-3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	57.0
SW02	5/7/2024	0-3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	39.1
SW03	5/7/2024	0-2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	54.7
SW04	5/8/2024	0-3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	40.8
SW05	5/6/2024	0-3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	27.8
SW06	5/6/2024	0-3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	66.7
SW07	5/8/2024	0-3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	52.1
SW08	5/8/2024	0-4.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	38.6
SW09	5/7/2024	0-3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	30.7
SW10	5/7/2024	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	49.1
SW11	5/7/2024	0-6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,110
SW12	5/7/2024	0-6	<0.0250	0.0583	<20.0	<25.0	<50.0	<25.0	<50.0	3,470

#### 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



**APPENDIX A** 

Well Log and Record



NC	OSE POD NO POD1 (TW		0.)		WELL TAG ID NO	),		OSE FILE NO( CP-1899	S).			
OCATIO	WELL OWN		)					PHONE (OPTI-	ONAL)			
WELL L	WELL OWN 4111 S Tid		G ADDRESS					CITY Carlsbad		STA NM		ZIP
GENERAL AND WELL LOCATION	WELL LOCATIO (FROM GP	201	DE	32	MINUTES 23	SECON 59.0	07 N	The state of the s	REQUIRED: ONE TE	ENTH OF	A SECOND	
ENE		LO	NGITUDE	103 STREET ADD	35 RESS AND COMMO	16.		1 2 2 1		VHERE A	VAILABLE	
1.6	The second of		22S R33E, NMPM			.,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	LICENSE NO		NAME OF LICENSED		Jackie D. Atkins	s			NAME OF WELL I		G COMPANY ing Associates,	Inc.
	DRILLING ST 2/9/2		DRILLING ENDED 2/24/2022		OMPLETED WELL (F	FT)		LE DEPTH (FT) ±101	DEPTH WATER F		COUNTERED (FI	T)
N	COMPLETE	WELL IS:	ARTESIAN	✓ DRY HO	LE SHALLO	OW (UNCO	NFINED)		WATER LEVEL PLETED WELL	n/a	2/24/22,	3/8/2022
TATIC	DRILLING F	-	AIR	☐ MUD		VES – SPEC			. L CHEC	W HERE	E IF PITLESS ADA	APTER IS
FORM	DRILLING M				LE TOOL 7 OTH		ZIFY: H	Hollow Stem	Auger INST	ALLED	IF FITLESS ADV	TEKIS
2. DRILLING & CASING INFORMATION	FROM	(feet bgl) TO	DIAM (inches)	(include	GRADE each casing string sections of screen	, and	CON	ASING NECTION TYPE	CASING INSIDE DIAM. (inches)	100	ASING WALL THICKNESS (inches)	SLOT SIZE (inches)
& CA	0	101	±8.5	пос	Boring	,	(add coup	ling diameter)	-		-	
LING						-				-		
DRIL									+			
2.										-		
									TEST DITME	R 11	2022 AMB . 4	7
-										+		
	DEPTH	(feet bgl)	BORE HOLE	LI	ST ANNULAR S	EAL MA	TERIAL A	AND	AMOUNT		метно	OD OF
RIAL	FROM	то	DIAM. (inches)	GRA	VEL PACK SIZE	-RANGE	BY INTE	RVAL	(cubic feet)	)	PLACE	MENT
ANNULAR MATERIAL												
AR N												
NNUI												
3. A												
FOR	OCE PIEER							-				
FILE	OSE INTER		899		POD NO	o. Pc	DOI	TRN N	WELL RECORD		G (Version 01/.	28/2022)
LOC	ATION	525	252	8 2	25 3	35		WELL TAG II	NO. NA		PAGE	E 1 OF 2

	DEPTH (	feet bgl) TO	THICKNESS (feet)	INCLUDE	OR AND TY WATER-BI ch supplem	EARING	CAVITIES	OR FRAC	CTURE ZONE	s	WAT BEAR (YES	ING?	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	0	9	9	San	d, Fine-grain	ned noor	ly graded w	ith caliche	Brown	-	Y	✓ N	ZONES (gpiii)
	9	19	10		nd, Fine-gra		, ,				Y	✓ N	
	19	34	15			-			r gravel, Tan	_	Y	√ N	
	34	44	10	Dana, 11			ed, poorly g				Y	√ N	
	44	49	5	Sand Fin					gravel, Brown		Y	√ N	
,	49	101	52	Juliu, I III			and ,Dry, B		graves, zrevin		Y	✓ N	
ELI		101				uj, mur	unu ,Dīj, D			-	Y	N	
JF W										-	Y	N	
96										-	Y	N	
CL										$\rightarrow$	Y	N	
OGI										-	Y	N	
EOL										-	Y	N	
DO											Y	N	
4. HYDROGEOLOGIC LOG OF WELL										-	Y	N	
4. H										-	Y	N	
										-	Y	N	7
										-	Y	N	
										$\rightarrow$	Y	N	
										$\rightarrow$	Y	N	
										$\rightarrow$	Y	N	
1.7											Y	N	
	METHOD I	SED TO E	STIMATE YIELD	OF WATER-RE	ARING ST	RATA.				TOTA	L ESTIM		
	PUMI			BAILER	OTHER		IFY:				YIELD		0.00
NO	WELL TES		RESULTS - ATT										
5. TEST; RIG SUPERVISION	MISCELLA	NEOUS IN	FORMATION: <sub>T</sub>	emporary well n	naterials re I surface, t	moved a	and he soil rated bento	boring bonite chip	ackfilled using sten feet belo	g drill o	outtings nd surfa	ace to su	al depth to ten rface.
LES	PRINT NAM	Æ(S) OF D	RILL RIG SUPER	RVISOR(S) THAT	T PROVIDE	ED ONSI	TE SUPER	VISION O	F WELL CON	STRUC	TION O	THER TH	IAN LICENSEE:
S.	Shane Eldri	dge, Cam	eron Pruitt										
NTURE	CORRECT	RECORD C	HEREBY CERTII OF THE ABOVE I OLDER WITHIN	DESCRIBED HO	LE AND TH	HAT HE	OR SHE W	ILL FILE					
6. SIGNATURE	Jack A	tkins			Jackie !	D. Atkir	ıs				3/10/	/2022	
•		SIGNAT	TURE OF DRILLE	ER / PRINT SIC	GNEE NAM	ΙE						DATE	
FOI	R OSE INTER	NAI IISE							WR_20 WE	II PEC	ORD &	LOG (Va	rsion 01/28/2022)
	ENO.		1899		PO	D NO.	1009		TRN NO.	子じ	77	13	131011 01/20/2022)
LO	CATION		5252	. 8	25	25	335	WELI	TAG ID NO.		NF	7	PAGE 2 OF 2

Mike A. Hamman, P.E. State Engineer



Roswell Office 1900 WEST SECOND STREET ROSWELL, NM 88201

# STATE OF NEW MEXICO OFFICE OF THE STATE ENGINEER

Trn Nbr: 717713 File Nbr: CP 01899

Well File Nbr: CP 01899 POD1

Mar. 22, 2022

MELODIE SANJARI MARATHON OIL 4111 S TIDWELL RD CARLSBAD, NM 88220

### Greetings:

The above numbered permit was issued in your name on 01/31/2022.

The Well Record was received in this office on 03/11/2022, stating that it had been completed on 02/24/2022, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 01/31/2023.

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

Sincerely,

Megen Telles (575) 622-6521

drywell



**APPENDIX B** 

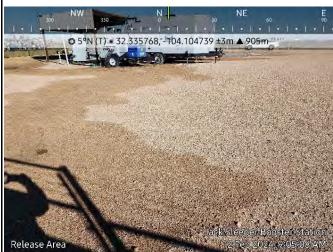
Photographic Log



# **Photographic Log**

Matador Production Company
Jack Sleeper/NOVO Booster Station
nAPP2404348731





Photograph 1 Date: 2/12/2024 Photograph 2 Date: 2/12/2024

Description: Release Area Description: Release Area

View: Northeast View: North





Photograph 3 Date: 2/12/2024 Photograph 4 Date: 2/12/2024

Description: Release Area Description: Release Area

View: Southwest View: North



### **Photographic Log**

Matador Production Company
Jack Sleeper/NOVO Booster Station
nAPP2404348731





Photograph 5 Date: 2/29/2024 Photograph 6 Date: 2/29/2024

Description: Delineation

View: Northwest

Description: Delineation

View: Northwest





Photograph 7 Date: 4/19/2024 Photograph 8 Date: 4/19/2024

Description: Hydro-vac

View: Southeast

Description: Hydro-vac

View: Northeast

# **ENSOLUM**

# **Photographic Log**

Matador Production Company
Jack Sleeper/NOVO Booster Station
nAPP2404348731





Photograph 9

Description: Hydro-vac View: Northwest Photograph 10

Description: Hydro-vac View: South Date: 4/18/2024





Photograph 11
Description: Excavation

View: East

Date: 4/19/2024 Ph

Date: 4/17/2024

Photograph 12
Description: Excavation

View: North

Date: 4/22/2024

# **ENSOLUM**

# **Photographic Log**

Matador Production Company
Jack Sleeper/NOVO Booster Station
nAPP2404348731





Photograph 13
Description: Excavation

View: Southeast

Date: 4/25/2024

Photograph 14

Description: Excavation

View: East

Date: 4/30/2024

Date: 5/6/2024





Photograph 15 Date: 5/3/2024 Description: Excavation - Jack hammer rock

View: South

Photograph 16

**Description: Excavation** 

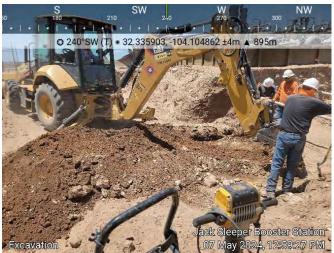
View: South



# Photographic Log

**Matador Production Company** Jack Sleeper/NOVO Booster Station nAPP2404348731





Photograph 17

Description: Excavation View: South

Date: 5/7/2024

Photograph 18

Description: Excavation

Date: 5/7/2024

View: Southwest





Photograph 19

Date: 5/7/2024 Description: Delineation - BH04

View: West

Photograph 20

**Description: Excavation** 

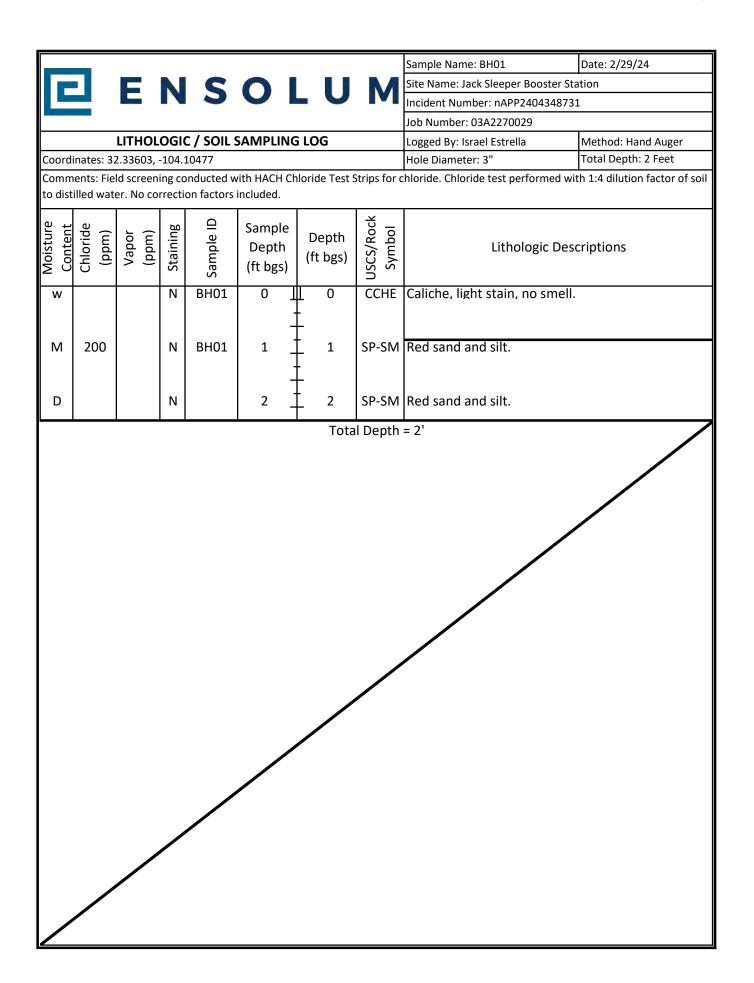
View: South

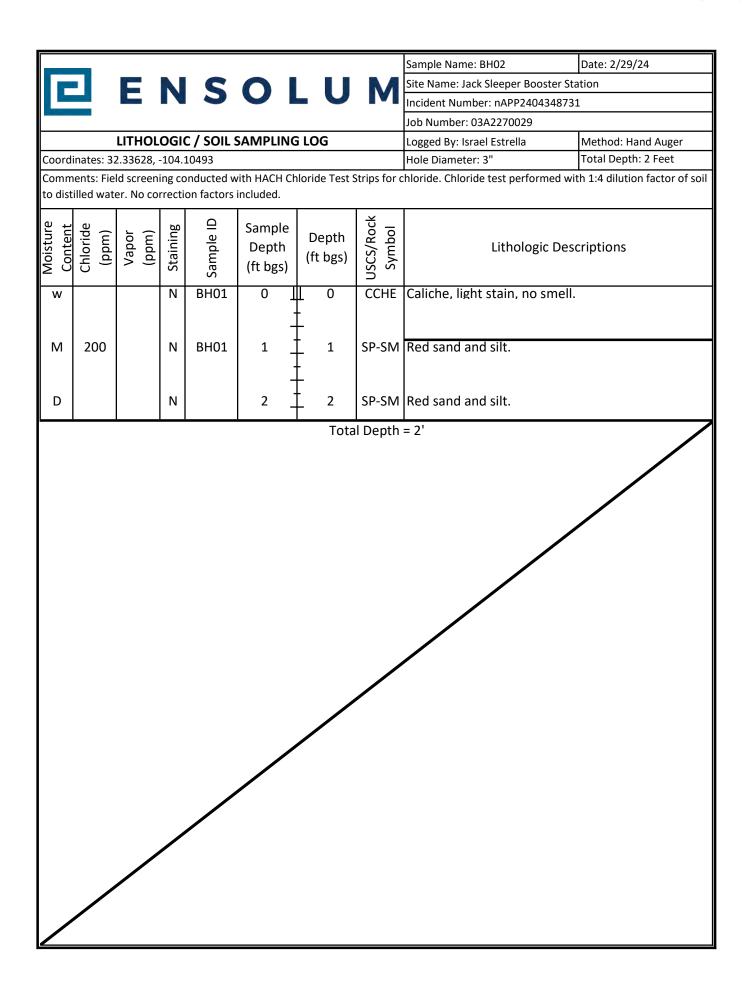
Date: 5/8/2024

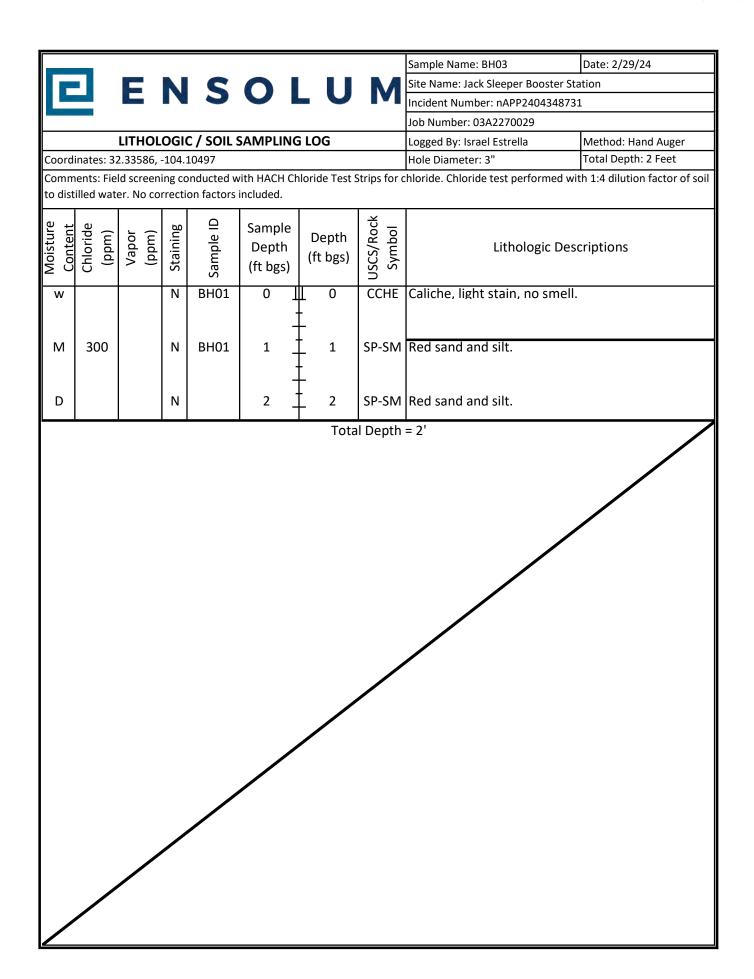


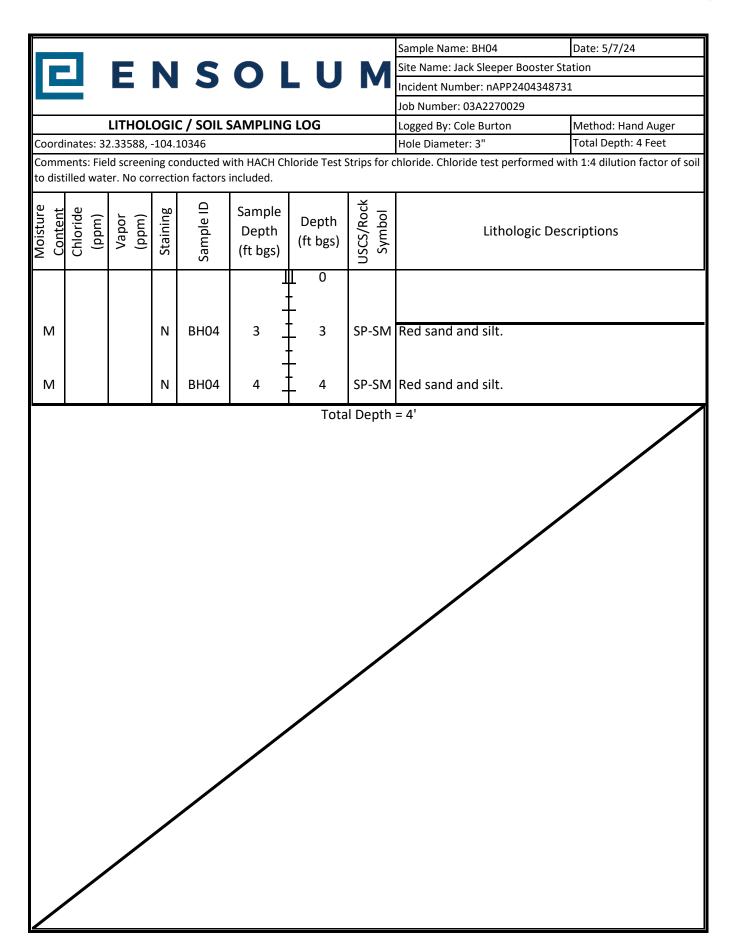
**APPENDIX C** 

Lithologic Soil Sampling Logs











# 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: Jack Sleeper Booster Station

Work Order: E403009

Job Number: 23003-C-0001

Received: 3/4/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 3/8/24

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

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

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

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

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

Date Reported: 3/8/24

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

Project Name: Jack Sleeper Booster Station

Workorder: E403009

Date Received: 3/4/2024 8:45:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/4/2024 8:45:00AM, under the Project Name: Jack Sleeper Booster Station.

The analytical test results summarized in this report with the Project Name: Jack Sleeper Booster Station 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

**Alexa Michaels** 

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

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Southern New Mexico Area

Lynn Jarboe

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

Cell: 505-320-4759

een. 303 320 1733

ljarboe@envirotech-inc.com

Michelle Golzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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# Sample Summary

Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	Donoutode
5400 LBJ Freeway, Suite 1500	Project Number:	23003-C-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	03/08/24 16:54

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01-0'	E403009-01A	Soil	02/29/24	03/04/24	Glass Jar, 2 oz.
SS02-0'	E403009-02A	Soil	02/29/24	03/04/24	Glass Jar, 2 oz.
SS03-0'	E403009-03A	Soil	02/29/24	03/04/24	Glass Jar, 2 oz.
SS04-0'	E403009-04A	Soil	02/29/24	03/04/24	Glass Jar, 2 oz.
SS05-0'	E403009-05A	Soil	02/29/24	03/04/24	Glass Jar, 2 oz.
BH01-0'	E403009-06A	Soil	02/29/24	03/04/24	Glass Jar, 2 oz.
BH01-1'	E403009-07A	Soil	02/29/24	03/04/24	Glass Jar, 2 oz.
BH02-0'	E403009-08A	Soil	02/29/24	03/04/24	Glass Jar, 2 oz.
BH02-1'	E403009-09A	Soil	02/29/24	03/04/24	Glass Jar, 2 oz.
BH03-0'	E403009-10A	Soil	02/29/24	03/04/24	Glass Jar, 2 oz.
BH03-1'	E403009-11A	Soil	02/29/24	03/04/24	Glass Jar, 2 oz.

# Sample Data

Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-C-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/8/2024 4:54:06PM

# SS01-0' E403009-01

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS			Batch: 2410048
Benzene	ND	0.0250	1	1	03/05/24	03/07/24	
Ethylbenzene	ND	0.0250	1	1	03/05/24	03/07/24	
Toluene	ND	0.0250	1	1	03/05/24	03/07/24	
o-Xylene	ND	0.0250	1	1	03/05/24	03/07/24	
p,m-Xylene	ND	0.0500	1	1	03/05/24	03/07/24	
Total Xylenes	ND	0.0250	1	1	03/05/24	03/07/24	
Surrogate: Bromofluorobenzene		93.6 %	70-130		03/05/24	03/07/24	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130		03/05/24	03/07/24	
Surrogate: Toluene-d8		108 %	70-130		03/05/24	03/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS			Batch: 2410048
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	03/05/24	03/07/24	
Surrogate: Bromofluorobenzene		93.6 %	70-130		03/05/24	03/07/24	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130		03/05/24	03/07/24	
Surrogate: Toluene-d8		108 %	70-130		03/05/24	03/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: l	KM		Batch: 2410068
Diesel Range Organics (C10-C28)	ND	25.0	1	1	03/06/24	03/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	03/06/24	03/07/24	
Surrogate: n-Nonane		113 %	50-200		03/06/24	03/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: l	DT		Batch: 2410051
Chloride	468	20.0	1	1	03/05/24	03/06/24	



Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-C-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/8/2024 4:54:06PM

#### SS02-0'

E403009-02						
Reporting						
Result	Limit	Dilut	tion Prepared	Analyzed	Notes	
mg/kg	mg/kg	A	Analyst: RKS		Batch: 2410048	
ND	0.0250	1	03/05/24	03/07/24		
ND	0.0250	1	03/05/24	03/07/24		
ND	0.0250	1	03/05/24	03/07/24		
ND	0.0250	1	03/05/24	03/07/24		
ND	0.0500	1	03/05/24	03/07/24		
ND	0.0250	1	03/05/24	03/07/24		
	99.2 %	70-130	03/05/24	03/07/24		
	100 %	70-130	03/05/24	03/07/24		
	99.9 %	70-130	03/05/24	03/07/24		
mg/kg	mg/kg	A	Analyst: RKS		Batch: 2410048	
ND	20.0	1	03/05/24	03/07/24		
	99.2 %	70-130	03/05/24	03/07/24		
	100 %	70-130	03/05/24	03/07/24		
	99.9 %	70-130	03/05/24	03/07/24		
mg/kg	mg/kg	A	Analyst: KM		Batch: 2410068	
ND	25.0	1	03/06/24	03/07/24		
ND	50.0	1	03/06/24	03/07/24		
	104 %	50-200	03/06/24	03/07/24		
mg/kg	mg/kg	A	Analyst: DT		Batch: 2410051	
	mg/kg  ND	Result Limit  mg/kg mg/kg  ND 0.0250  ND 0.0250  ND 0.0250  ND 0.0250  ND 0.0500  ND 0.0500  ND 0.0250  MD 0.0250  MD 0.0250  MD 0.0500  ND 0.0250  99.2 %  100 %  99.9 %  mg/kg mg/kg  ND 20.0  99.9 %  mg/kg mg/kg  ND 25.0  ND 50.0	Reporting           Result         Limit         Dilute           mg/kg         mg/kg         4           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           99.2 %         70-130         70-130           99.9 %         70-130         1           99.9 %         70-130         1           99.9 %         70-130         1           99.9 %         70-130         1           mg/kg         mg/kg         1           ND         25.0         1           ND         50.0         1           104 %         50-200	Reporting         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         03/05/24           ND         0.0250         1         03/05/24           ND         0.0250         1         03/05/24           ND         0.0250         1         03/05/24           ND         0.0500         1         03/05/24           ND         0.0250         1         03/05/24           ND         0.0250         1         03/05/24           100 %         70-130         03/05/24           99.9 %         70-130         03/05/24           99.9 %         70-130         03/05/24           100 %         70-130         03/05/24           99.9 %         70-130         03/05/24           99.9 %         70-130         03/05/24           99.9 %         70-130         03/05/24           99.9 %         70-130         03/05/24           99.9 %         70-130         03/05/24           90.9 %         70-130         03/05/24           90.0         1         03/06/24	Reporting           Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         03/05/24         03/07/24           ND         0.0500         1         03/05/24         03/07/24           ND         0.0250         1         03/05/24         03/07/24           ND         0.0250         1         03/05/24         03/07/24           99.2 %         70-130         03/05/24         03/07/24           100 %         70-130         03/05/24         03/07/24           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         03/05/24         03/07/24           100 %         70-130         03/05/24         03/07/24           mg/kg         mg/kg         Analyst: KM           ND         25.0         1         03/06/24         03/07/24	



Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-C-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/8/2024 4:54:06PM

#### SS03-0'

E403009-03							
Reporting							
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: R	KS		Batch: 2410048
Benzene	ND	0.0250	1		03/05/24	03/07/24	
Ethylbenzene	ND	0.0250	1		03/05/24	03/07/24	
Toluene	ND	0.0250	1		03/05/24	03/07/24	
o-Xylene	ND	0.0250	1		03/05/24	03/07/24	
p,m-Xylene	ND	0.0500	1		03/05/24	03/07/24	
Total Xylenes	ND	0.0250	1		03/05/24	03/07/24	
Surrogate: Bromofluorobenzene		93.0 %	70-130		03/05/24	03/07/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		03/05/24	03/07/24	
Surrogate: Toluene-d8		108 %	70-130		03/05/24	03/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: R	KS		Batch: 2410048
Gasoline Range Organics (C6-C10)	ND	20.0	1		03/05/24	03/07/24	
Surrogate: Bromofluorobenzene		93.0 %	70-130		03/05/24	03/07/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		03/05/24	03/07/24	
Surrogate: Toluene-d8		108 %	70-130		03/05/24	03/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: K	M		Batch: 2410068
Diesel Range Organics (C10-C28)	ND	25.0	1		03/06/24	03/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1		03/06/24	03/07/24	
Surrogate: n-Nonane		105 %	50-200		03/06/24	03/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: D	Т		Batch: 2410051

20.0

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03/05/24

03/06/24

ND



Chloride

Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-C-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/8/2024 4:54:06PM

#### SS04-0'

E403	009	-04
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		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2410048
Benzene	ND	0.0250	1	1	03/05/24	03/07/24	
Ethylbenzene	ND	0.0250	1	1	03/05/24	03/07/24	
Toluene	ND	0.0250	1	1	03/05/24	03/07/24	
o-Xylene	ND	0.0250	1	1	03/05/24	03/07/24	
p,m-Xylene	ND	0.0500	1	1	03/05/24	03/07/24	
Total Xylenes	ND	0.0250	1	1	03/05/24	03/07/24	
Surrogate: Bromofluorobenzene		97.7 %	70-130		03/05/24	03/07/24	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130		03/05/24	03/07/24	
Surrogate: Toluene-d8		108 %	70-130		03/05/24	03/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2410048
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	03/05/24	03/07/24	
Surrogate: Bromofluorobenzene		97.7 %	70-130		03/05/24	03/07/24	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130		03/05/24	03/07/24	
Surrogate: Toluene-d8		108 %	70-130		03/05/24	03/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2410068
Diesel Range Organics (C10-C28)	ND	25.0	1	1	03/06/24	03/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	03/06/24	03/07/24	
Surrogate: n-Nonane		105 %	50-200		03/06/24	03/07/24	
A . I EDA 200 0/0056 A	mg/kg	mg/kg		Analyst:	DT		Batch: 2410051
Anions by EPA 300.0/9056A	2 2						



Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-C-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/8/2024 4:54:06PM

#### SS05-0'

#### E403009-05

		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2410048
Benzene	ND	0.0250	1	[	03/05/24	03/07/24	
Ethylbenzene	ND	0.0250	1	1	03/05/24	03/07/24	
Toluene	ND	0.0250	1	1	03/05/24	03/07/24	
o-Xylene	ND	0.0250	1	1	03/05/24	03/07/24	
p,m-Xylene	ND	0.0500	1	l	03/05/24	03/07/24	
Total Xylenes	ND	0.0250	1	l	03/05/24	03/07/24	
Surrogate: Bromofluorobenzene		97.2 %	70-130		03/05/24	03/07/24	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130		03/05/24	03/07/24	
Surrogate: Toluene-d8		106 %	70-130		03/05/24	03/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2410048
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	03/05/24	03/07/24	
Surrogate: Bromofluorobenzene		97.2 %	70-130		03/05/24	03/07/24	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130		03/05/24	03/07/24	
Surrogate: Toluene-d8		106 %	70-130		03/05/24	03/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2410068
Diesel Range Organics (C10-C28)	ND	25.0	1		03/06/24	03/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	03/06/24	03/07/24	
Surrogate: n-Nonane		114 %	50-200		03/06/24	03/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2410051
Allons by ETA 500.0/7030A							



Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-C-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/8/2024 4:54:06PM

#### BH01-0' E403009-06

Reporting Limit mg/kg	Diluti	on Prepared	Analyzed	Mata
	Diluti	on Prepared	Analyzed	NT-4
mg/kg			7 Hini y Zod	Notes
8 8	A	nalyst: RKS		Batch: 2410048
0.0250	1	03/05/24	03/07/24	
0.0250	1	03/05/24	03/07/24	
0.0250	1	03/05/24	03/07/24	
0.0250	1	03/05/24	03/07/24	
0.0500	1	03/05/24	03/07/24	
0.0250	1	03/05/24	03/07/24	
97.6 %	70-130	03/05/24	03/07/24	
97.2 %	70-130	03/05/24	03/07/24	
101 %	70-130	03/05/24	03/07/24	
mg/kg	A	nalyst: RKS		Batch: 2410048
20.0	1	03/05/24	03/07/24	
97.6 %	70-130	03/05/24	03/07/24	
97.2 %	70-130	03/05/24	03/07/24	
101 %	70-130	03/05/24	03/07/24	
mg/kg	A	nalyst: KM		Batch: 2410068
25.0	1	03/06/24	03/07/24	
50.0	1	03/06/24	03/07/24	
104 %	50-200	03/06/24	03/07/24	
mg/kg	A	nalyst: DT		Batch: 2410051
200	10	03/05/24	03/06/24	
_	0.0250 0.0250 0.0250 0.0250 0.0500 0.0250  97.6 % 97.2 % 101 %  mg/kg 20.0  97.6 % 97.2 % 101 %  mg/kg 101 %  mg/kg 101 %  mg/kg	0.0250 1 0.0250 1 0.0250 1 0.0250 1 0.0500 1 0.0250 1 97.6 % 70-130 97.2 % 70-130 101 % 70-130  mg/kg A 20.0 1  97.6 % 70-130  97.2 % 70-130 101 % 70-130  101 % 70-130  101 % 50-200  mg/kg A	0.0250 1 03/05/24 0.0250 1 03/05/24 0.0250 1 03/05/24 0.0250 1 03/05/24 0.0500 1 03/05/24 0.0250 1 03/05/24 0.0250 1 03/05/24  97.6 % 70-130 03/05/24 101 % 70-130 03/05/24  mg/kg Analyst: RKS  20.0 1 03/05/24  97.6 % 70-130 03/05/24  97.6 % 70-130 03/05/24  101 % 70-130 03/05/24  101 % 70-130 03/05/24  101 % 70-130 03/05/24  101 % 70-130 03/05/24  101 % 70-130 03/05/24  101 % 70-130 03/05/24  101 % 70-130 03/05/24  101 % 70-130 03/05/24  101 % 70-130 03/05/24  mg/kg Analyst: KM	0.0250 1 03/05/24 03/07/24 0.0250 1 03/05/24 03/07/24 0.0250 1 03/05/24 03/07/24 0.0500 1 03/05/24 03/07/24 0.0250 1 03/05/24 03/07/24 0.0250 1 03/05/24 03/07/24  97.6 % 70-130 03/05/24 03/07/24 101 % 70-130 03/05/24 03/07/24  mg/kg Analyst: RKS  20.0 1 03/05/24 03/07/24  97.2 % 70-130 03/05/24 03/07/24  97.6 % 70-130 03/05/24 03/07/24  101 % 70-130 03/05/24 03/07/24  101 % 70-130 03/05/24 03/07/24  97.2 % 70-130 03/05/24 03/07/24  101 % 70-130 03/05/24 03/07/24



Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-C-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/8/2024 4:54:06PM

#### BH01-1' E403009-07

Austra	Dk	Reporting		4:	D 4	A a harman 1	Nister
Analyte	Result	Limit	Dill	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2410048
Benzene	ND	0.0250		1	03/05/24	03/07/24	
Ethylbenzene	ND	0.0250		1	03/05/24	03/07/24	
Toluene	ND	0.0250		1	03/05/24	03/07/24	
o-Xylene	ND	0.0250		1	03/05/24	03/07/24	
p,m-Xylene	ND	0.0500		1	03/05/24	03/07/24	
Total Xylenes	ND	0.0250		1	03/05/24	03/07/24	
Surrogate: Bromofluorobenzene	·	98.8 %	70-130		03/05/24	03/07/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		03/05/24	03/07/24	
Surrogate: Toluene-d8		100 %	70-130		03/05/24	03/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2410048
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/05/24	03/07/24	
Surrogate: Bromofluorobenzene		98.8 %	70-130		03/05/24	03/07/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		03/05/24	03/07/24	
Surrogate: Toluene-d8		100 %	70-130		03/05/24	03/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2410068
Diesel Range Organics (C10-C28)	ND	25.0		1	03/06/24	03/07/24	
Oil Range Organics (C28-C36)	ND	50.0		1	03/06/24	03/07/24	
Surrogate: n-Nonane		106 %	50-200		03/06/24	03/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: DT		Batch: 2410051
Chloride	42.5	20.0		1	03/05/24	03/06/24	



Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-C-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/8/2024 4:54:06PM

#### BH02-0' E403009-08

		2.0000000000					
Analyte	Result	Reporting Limit	 Dil	ution	Prepared	Analyzed	Notes
	mg/kg	mg/kg		Analyst		1 mary 200	Batch: 2410048
Volatile Organic Compounds by EPA 8260B	ND	0.0250		1	03/05/24	03/07/24	Daten. 2410040
Benzene	ND ND	0.0250		1	03/05/24	03/07/24	
Ethylbenzene Toluene	ND ND	0.0250		1	03/05/24	03/07/24	
	ND ND	0.0250		1	03/05/24	03/07/24	
o-Xylene	ND ND	0.0230		1	03/05/24	03/07/24	
p,m-Xylene	ND ND	0.0300		1	03/05/24	03/07/24	
Total Xylenes	ND			1			
Surrogate: Bromofluorobenzene		103 %	70-130		03/05/24	03/07/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		03/05/24	03/07/24	
Surrogate: Toluene-d8		103 %	70-130		03/05/24	03/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2410048
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/05/24	03/07/24	
Surrogate: Bromofluorobenzene		103 %	70-130		03/05/24	03/07/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		03/05/24	03/07/24	
Surrogate: Toluene-d8		103 %	70-130		03/05/24	03/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2410068
Diesel Range Organics (C10-C28)	ND	25.0	_	1	03/06/24	03/07/24	
Oil Range Organics (C28-C36)	ND	50.0		1	03/06/24	03/07/24	
Surrogate: n-Nonane		98.5 %	50-200		03/06/24	03/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2410051
Chloride	8850	200		10	03/05/24	03/06/24	



Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-C-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/8/2024 4:54:06PM

#### BH02-1' E403009-09

D 1		D.11				
Kesult	Limit	Dili	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst	RKS		Batch: 2410048
ND	0.0250		1	03/05/24	03/07/24	
ND	0.0250		1	03/05/24	03/07/24	
ND	0.0250		1	03/05/24	03/07/24	
ND	0.0250		1	03/05/24	03/07/24	
ND	0.0500		1	03/05/24	03/07/24	
ND	0.0250		1	03/05/24	03/07/24	
	94.2 %	70-130		03/05/24	03/07/24	
	98.7 %	70-130		03/05/24	03/07/24	
	100 %	70-130		03/05/24	03/07/24	
mg/kg	mg/kg		Analyst:	RKS		Batch: 2410048
ND	20.0		1	03/05/24	03/07/24	
	94.2 %	70-130		03/05/24	03/07/24	
	98.7 %	70-130		03/05/24	03/07/24	
	100 %	70-130		03/05/24	03/07/24	
mg/kg	mg/kg		Analyst:	KM		Batch: 2410068
ND	25.0		1	03/06/24	03/08/24	
ND	50.0		1	03/06/24	03/08/24	
	111 %	50-200		03/06/24	03/08/24	
mg/kg	mg/kg		Analyst	DT		Batch: 2410051
21.3	20.0		1	03/05/24	03/06/24	
	ND Mg/kg ND Mg/kg	mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           90         0.0250           94.2 %         98.7 %           100 %         100 %           94.2 %         98.7 %           100 %         100 %           mg/kg         mg/kg           ND         25.0           ND         50.0           111 %         mg/kg           mg/kg         mg/kg	Result         Limit         Dil           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           94.2 %         70-130           98.7 %         70-130           100 %         70-130           98.7 %         70-130           98.7 %         70-130           100 %         70-130           mg/kg         mg/kg           ND         25.0           ND         50.0           111 %         50-200           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         Analyst:           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           94.2 %         70-130           98.7 %         70-130           mg/kg         mg/kg         Analyst:           ND         20.0         1           94.2 %         70-130         1           98.7 %         70-130         1           mg/kg         mg/kg         Analyst:           ND         25.0         1           ND         50.0         1           111 %         50-200           mg/kg         Analyst:	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         03/05/24           ND         0.0250         1         03/05/24           ND         0.0250         1         03/05/24           ND         0.0250         1         03/05/24           ND         0.0500         1         03/05/24           ND         0.0250         1         03/05/24           ND         0.0250         1         03/05/24           94.2 %         70-130         03/05/24           98.7 %         70-130         03/05/24           100 %         70-130         03/05/24           94.2 %         70-130         03/05/24           98.7 %         70-130         03/05/24           98.7 %         70-130         03/05/24           100 %         70-130         03/05/24           100 %         70-130         03/05/24           mg/kg         mg/kg         Analyst: KM           ND         25.0         1         03/06/24           ND         50.0         1         03/06/24           ND <td>Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         03/05/24         03/07/24           ND         0.0500         1         03/05/24         03/07/24           ND         0.0250         1         03/05/24         03/07/24           ND         0.0250         1         03/05/24         03/07/24           98.7 %         70-130         03/05/24         03/07/24           98.7 %         70-130         03/05/24         03/07/24           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         03/05/24         03/07/24           98.7 %         70-130         03/05/24         03/07/24           98.7 %         70-130         03/05/24         03/07/24           mg/kg         mg/kg         Analyst: KM           ND         25.0         1</td>	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         03/05/24         03/07/24           ND         0.0500         1         03/05/24         03/07/24           ND         0.0250         1         03/05/24         03/07/24           ND         0.0250         1         03/05/24         03/07/24           98.7 %         70-130         03/05/24         03/07/24           98.7 %         70-130         03/05/24         03/07/24           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         03/05/24         03/07/24           98.7 %         70-130         03/05/24         03/07/24           98.7 %         70-130         03/05/24         03/07/24           mg/kg         mg/kg         Analyst: KM           ND         25.0         1



Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-C-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/8/2024 4:54:06PM

#### BH03-0' E403009-10

		E100007 10					
Analyta	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
Analyte	Result	Limit	Dil	lution	Prepared	Anaiyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2410048
Benzene	ND	0.0250		1	03/05/24	03/07/24	
Ethylbenzene	ND	0.0250		1	03/05/24	03/07/24	
Toluene	ND	0.0250		1	03/05/24	03/07/24	
o-Xylene	ND	0.0250		1	03/05/24	03/07/24	
p,m-Xylene	ND	0.0500		1	03/05/24	03/07/24	
Total Xylenes	ND	0.0250		1	03/05/24	03/07/24	
Surrogate: Bromofluorobenzene		104 %	70-130		03/05/24	03/07/24	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130		03/05/24	03/07/24	
Surrogate: Toluene-d8		103 %	70-130		03/05/24	03/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2410048
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/05/24	03/07/24	
Surrogate: Bromofluorobenzene		104 %	70-130		03/05/24	03/07/24	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130		03/05/24	03/07/24	
Surrogate: Toluene-d8		103 %	70-130		03/05/24	03/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2410068
Diesel Range Organics (C10-C28)	ND	25.0	•	1	03/06/24	03/08/24	
Oil Range Organics (C28-C36)	ND	50.0		1	03/06/24	03/08/24	
Surrogate: n-Nonane		101 %	50-200		03/06/24	03/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2410051
Chloride	6770	100		5	03/05/24	03/06/24	
Cinoriae	0	100					

Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-C-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/8/2024 4:54:06PM

#### BH03-1' E403009-11

		E403007-11					
Analyte	Result	Reporting Limit		ıtion	Prepared	Analyzed	Notes
Analyte	Resuit	Lillit	Dilu	шоп	Frepared	Anaryzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2410048
Benzene	ND	0.0250	1	1	03/05/24	03/07/24	
Ethylbenzene	ND	0.0250	1	1	03/05/24	03/07/24	
Toluene	ND	0.0250	1	1	03/05/24	03/07/24	
o-Xylene	ND	0.0250	1	1	03/05/24	03/07/24	
p,m-Xylene	ND	0.0500	1	1	03/05/24	03/07/24	
Total Xylenes	ND	0.0250	1	1	03/05/24	03/07/24	
Surrogate: Bromofluorobenzene		98.9 %	70-130		03/05/24	03/07/24	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130		03/05/24	03/07/24	
Surrogate: Toluene-d8		103 %	70-130		03/05/24	03/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2410048
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	03/05/24	03/07/24	
Surrogate: Bromofluorobenzene		98.9 %	70-130		03/05/24	03/07/24	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130		03/05/24	03/07/24	
Surrogate: Toluene-d8		103 %	70-130		03/05/24	03/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2410068
Diesel Range Organics (C10-C28)	ND	25.0	1	1	03/06/24	03/08/24	_
Oil Range Organics (C28-C36)	ND	50.0	1	1	03/06/24	03/08/24	
Surrogate: n-Nonane		106 %	50-200		03/06/24	03/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2410051
Chloride	130	20.0	1	1	03/05/24	03/06/24	



Matador Resources, LLC.
Project Name: Jack Sleeper Booster Station
Seported:

5400 LBJ Freeway, Suite 1500
Project Number: 23003-C-0001
Dallas TX, 75240
Project Manager: Ashley Giovengo

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Volatile Organic Compounds by EPA 8260B Analyst									
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2410048-BLK1)							Prepared: 0	3/05/24 Ana	lyzed: 03/07/24
Benzene	ND	0.0250					1		
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	0.478		0.500		95.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.506		0.500		101	70-130			
Surrogate: Toluene-d8	0.555		0.500		111	70-130			
	*****						Proporadi O	2/05/24 Ano	lyzod: 02/07/24
LCS (2410048-BS1)							riepaieu. 0.	5/05/24 Alla	lyzed: 03/07/24
Benzene	2.46	0.0250	2.50		98.5	70-130			
Ethylbenzene	2.54	0.0250	2.50		101	70-130			
Toluene	2.54	0.0250	2.50		102	70-130			
o-Xylene	2.61	0.0250	2.50		104	70-130			
p,m-Xylene	5.35	0.0500	5.00		107	70-130			
Total Xylenes	7.96	0.0250	7.50		106	70-130			
Surrogate: Bromofluorobenzene	0.523		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.6	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			
Matrix Spike (2410048-MS1)				Source:	E403009-	10	Prepared: 0	3/05/24 Ana	lyzed: 03/07/24
Benzene	2.45	0.0250	2.50	ND	97.8	48-131			
Ethylbenzene	2.38	0.0250	2.50	ND	95.2	45-135			
Toluene	2.44	0.0250	2.50	ND	97.4	48-130			
o-Xylene	2.45	0.0250	2.50	ND	97.9	43-135			
p,m-Xylene	4.94	0.0500	5.00	ND	98.8	43-135			
Total Xylenes	7.39	0.0250	7.50	ND	98.5	43-135			
Surrogate: Bromofluorobenzene	0.519		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.508		0.500		102	70-130			
Surrogate: Toluene-d8	0.500		0.500		99.9	70-130			
Matrix Spike Dup (2410048-MSD1)				Source:	E403009-	10	Prepared: 0	3/05/24 Ana	lyzed: 03/07/24
Benzene	2.44	0.0250	2.50	ND	97.4	48-131	0.430	23	
Ethylbenzene	2.43	0.0250	2.50	ND	97.0	45-135	1.87	27	
Toluene	2.41	0.0250	2.50	ND	96.2	48-130	1.22	24	
o-Xylene	2.61	0.0250	2.50	ND	104	43-135	6.31	27	
p,m-Xylene	5.18	0.0500	5.00	ND	104	43-135	4.77	27	
Total Xylenes	7.79	0.0250	7.50	ND	104	43-135	5.29	27	
Surrogate: Bromofluorobenzene	0.533		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.508		0.500		102	70-130			
surrogaie. 1,2-Dienioroeinane-u4	0.300		0.500		102	70-150			

0.500

95.1

70-130

0.476

Surrogate: Toluene-d8

Analyst: RKS

### **QC Summary Data**

Matador Resources, LLC. Jack Sleeper Booster Station Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-C-0001 Dallas TX, 75240 Project Manager: Ashley Giovengo 3/8/2024 4:54:06PM

Nonhalogenated Organics by EPA 8015D - GRO	
	_

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

	Result	Limit	Level	Result	Rec	Limits	KPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2410048-BLK1)							Prepared: 03	3/05/24 Analy	zed: 03/07/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.478		0.500		95.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.506		0.500		101	70-130			
Surrogate: Toluene-d8	0.555		0.500		111	70-130			
LCS (2410048-BS2)							Prepared: 03	3/05/24 Analy	zed: 03/07/24
Gasoline Range Organics (C6-C10)	54.7	20.0	50.0	·	109	70-130		·	
Surrogate: Bromofluorobenzene	0.515		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.1	70-130			
Surrogate: Toluene-d8	0.482		0.500		96.3	70-130			
Matrix Spike (2410048-MS2)				Source:	E403009-	10	Prepared: 03	3/05/24 Analy	zed: 03/07/24
Gasoline Range Organics (C6-C10)	51.7	20.0	50.0	ND	103	70-130			
Surrogate: Bromofluorobenzene	0.479		0.500		95.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.562		0.500		112	70-130			
Matrix Spike Dup (2410048-MSD2)				Source:	E403009-	10	Prepared: 03	3/05/24 Analy	zed: 03/07/24
Gasoline Range Organics (C6-C10)	56.3	20.0	50.0	ND	113	70-130	8.39	20	
Surrogate: Bromofluorobenzene	0.519		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.4	70-130			
Surrogate: Toluene-d8	0.529		0.500		106	70-130			

Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-C-0001	-
Dallas TX, 75240	Project Manager:	Ashley Giovengo	3/8/2024 4:54:06PM

Danas 1A, 73240		1 Toject Ivianage	1. 710	micy Gloveng	30			<i>J</i> ,	0/2021 1.51.0011
	Nonha	logenated Or	ganics by	EPA 8015I	) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2410068-BLK1)							Prepared: 0	3/06/24 Ana	lyzed: 03/07/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.1		50.0		108	50-200			
LCS (2410068-BS1)							Prepared: 0	3/06/24 Ana	lyzed: 03/07/24
Diesel Range Organics (C10-C28)	289	25.0	250		115	38-132			
Surrogate: n-Nonane	58.6		50.0		117	50-200			
Matrix Spike (2410068-MS1)				Source:	E403009-	05	Prepared: 0	3/06/24 Ana	lyzed: 03/07/24
Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	38-132			
Surrogate: n-Nonane	52.4		50.0		105	50-200			
Matrix Spike Dup (2410068-MSD1)				Source:	E403009-	05	Prepared: 0	3/06/24 Ana	lyzed: 03/07/24
Diesel Range Organics (C10-C28)	283	25.0	250	ND	113	38-132	1.30	20	
Surrogate: n-Nonane	53.8		50.0		108	50-200			

Chloride

Chloride

Chloride

Matrix Spike (2410051-MS1)

Matrix Spike Dup (2410051-MSD1)

### **QC Summary Data**

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager	Number: 23003-C-0001						<b>Reported:</b> 3/8/2024 4:54:06PM
		Anions	by EPA	300.0/9056	A				Analyst: DT
Analyte	Result	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2410051-BLK1)							Prepared: 0	3/05/24 A	analyzed: 03/06/24
Chloride	ND	20.0							
LCS (2410051-BS1)							Prepared: 0	3/05/24 A	analyzed: 03/06/24

250

250

250

20.0

20.0

20.0

98.1

102

103

Source: E403009-03

Source: E403009-03

ND

90-110

80-120

80-120

0.477

Prepared: 03/05/24 Analyzed: 03/06/24

Prepared: 03/05/24 Analyzed: 03/06/24

20

245

256

257

#### 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:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-C-0001Reported:Dallas TX, 75240Project Manager:Ashley Giovengo03/08/24 16:54

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



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rogram	by
SDWA	0
	3
RCRA	
	5
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TX	124
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ient: N	Matador Prod	luction C	Company		Bill To					Lab	Use O	nlv	5				TA	AT.		EPA P	rogra
	Jack Sleeper				Attention: Ensolum LLC			Lab W	O#			Num	ber		1D	2D	3D		andard	CWA	SDV
oject N	<u> lanager: As</u>	hley Giov	/engo		Address: on file			E 44		000	1 23	600	-C-0						х		
	3122 Natio				City, State, Zip:						Ana	ysis a	nd Me	thod							RC
	e, Zip: Carls		88220		Phone: 575-988-0055			λq													
	575-988-005				Email: agiovengo@ensol	um.com		ORC	- 1									, /		State	
	giovengo@e	<u>nsolum.c</u>	om					Seo/		ء l ۾		8			ξ		¥	, /	NM CO	UT AZ	TX
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Time ampled	Date Sampled	Matrix	No. of Containers	Sample ID		La Nun		TPH GI	8015	BTEX by 8021	Metals 6010	Chloride 300.0	тсео трн		верос		ODOC			Remarks	
9:20	2/29/2024	Soil	1		SS01 - 0'		1								х						
9:22	2/29/2024	Soil	1		SS02 - 0'		2								х						
9:23	2/29/2024	Soil	1		SS03 - 0'	1	3								х						
9:28	2/29/2024	Soil	1		SS04 - 0'		1			$\top$					х						
9:29	2/29/2024	Soil	1		SS05 - 0'		5		_						х						
9:34	2/29/2024	Soil	1	· · · · · · · · · · · · · · · · · · ·	BH01 - 0'		0		1						х						
9:43	2/29/2024	Soil	1		BH01 - 1'		7								x						
9:53	2/29/2024	Soil	1		BH02 - 0'		3		1	$^{+}$					x						
9:55	2/29/2024	Soil	1		BH02 - 1'		7			$\top$					х						
0:07	2/29/2024	Soil	1		BH03 - 0'		0		$\dagger$	$\top$	+				х						
iditiona	al Instruction	ns: Plea	se CC: cl	l purton@ensolun	n.com, agiovengo@ensolum			nsolun	1.001	m, ies	trella	ens@	olum	.com	<u> </u>						
e or time	of collection is c	onsidered fi	raud and ma	v be grounds for legal	aware that tampering with or intention section.  Sampled by:	Cole	sampl	e locatior	١,				_						on ice the day t an 6 °C on subse		led or
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ling <b>G</b> ishe	d by: (Signatur	e¥	Date	1.24 7.3	Received by: (Signature)	Date	1.5	24	ne .	·ĽK	• ]		np °C_	l	4						



e client expense. The report for the analysis of the above

envirotechia

envirotechia

Client: I	Matador Prod	duction C	ompany			Bill To				Lah	Use	Only	V	T			TAT		FPA Pr	rogram
	Jack Sleeper				At	tention: Ensolum LLC		Lab \	NO#				umber		1D 2			tandard	CWA	SDWA
	Manager: As					dress: on file				200			0-25cc					Х		33.10.10
Address	: 3122 Natio	nal Parks	Hwy		Cit	y, State, Zip:					Ar	nalys	is and Metl	hod						RCRA
	te, Zip: Carls		88220		Ph	one: 575-988-0055			by								-			
	575-988-005				<u>En</u>	nail: agiovengo@ensolum.com	)		ORO		1			- 1					State	
	giovengo@e	nsolum.c	om						RO/	21	00	0	0.00		ΣZ	×	:	NM CO	UT AZ	TX
Report o	lue by:								30/0	v 80	826	601	PH PH					×		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number		TPH GRO/DRO/ORO by 8015	ВТЕХ ЬУ 8021	VOC by 8260	Metals 6010	Chloride 300.0 TCEQ TPH		верос	GDOC			Remarks	rogram SDWA RCRA
10:15	2/29/2024	Soil	1			BH03 - 1'	11								х					
												1		7						
							-		-	+		+		+	+	+	+			
								$\vdash$	+	+	-	+		+	+	+	+			
												4		4			1			
									+	+	+	+		+	+	+	+	-		
							_			-		4		4	-		-			
																		1		
Addition	al Instruction	s: Plea	se CC: cl	ourton@ensol	um.com	, agiovengo@ensolum.com, c	hamilton@e	nsolu	m.cor	m, ie	strel	la@	ensolum.c	om	1			1		
, (field sam	pler), attest to the	validity and	l authentici	ty of this sample. 1	am aware t	that tampering with or intentionally misla	belling the samp	le locati	on,				The second second					ed on ice the day t		led or
date or time	of collection is co	onsidered fr	aud and ma	y be grounds for le	gal action.	Sampled by: Cule					re	ceived	packed in ice at	an av	g temp at	bove 0 b	ut less t	han 6 °C on subse	quent days.	
Relinquish		e) 7	Date 3	-1-24 Time	.30	Received by: (Signature)	Date 7-1-6	24	lime 57	30	R	ecei	ved on ice		Lab	Use C	Only			
Relinquish	ed by: (Signatur	e) /	Date	Time	123	Received by: (Signature)	Date	1	Time	45					· ·			тэ		N. S.
V V	ed by: (Signatur		Date	Time	2)	Received by: (Signature)	Date	211	Time .	1/k	< 1	Т		1			-	<u>T3</u>		
1.1	v/ /	usso	13	1.24 2	300	I LLUM MA	3.4	24	0	.4	OA	VGT	Temp °C_	_	1					



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envirotech Inc.

Printed: 3/4/2024 12:28:27PM

#### **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:	03/04/24	08:45	Work Order ID:	E403009
Phone:	(972) 371-5200	Date Logged In:	03/01/24	18:40	Logged In By:	Alexa Michaels
Email:	agiovngo@ensolum.com	Due Date:	03/08/24	17:00 (4 day TAT)		
Chain of	Custody (COC)					
	he sample ID match the COC?		Yes			
	he number of samples per sampling site location ma	tch the COC	Yes			
	camples dropped off by client or carrier?		Yes	Carrier: Courier		
	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes	Carrier. <u>Courier</u>	<u>-</u>	
	ill samples received within holding time?	,,	Yes			
	Note: Analysis, such as pH which should be conducted i i.e, 15 minute hold time, are not included in this disucssi				Comment	s/Resolution
	Furn Around Time (TAT) 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?		No			
	were custody/security seals intact?					
		: - 69129C	NA			
	ne sample received on ice? If yes, the recorded temp is 4°C  Note: Thermal preservation is not required, if samples ar minutes of sampling	e received w/i 15	Yes			
	visible ice, record the temperature. Actual sample	temperature: 4-0	<u>L</u>			
	Container 1 49		2.7			
	queous VOC samples present?		No			
	/OC samples collected in VOA Vials?		NA NA			
	head space less than 6-8 mm (pea sized or less)?					
	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 contai	ners collected?	Yes			
Field La		.•				
	field sample labels filled out with the minimum info ample ID?	ormation:	Yes			
	Date/Time Collected?		Yes			
	Collectors name?		Yes			
Sample I	Preservation		105			
21. Does	the COC or field labels indicate the samples were p	reserved?	No			
22. Are s	ample(s) correctly preserved?		NA			
	filteration required and/or requested for dissolved r	netals?	No			
Multipha	ase Sample Matrix					
_	the sample have more than one phase, i.e., multipha	se?	No			
	, does the COC specify which phase(s) is to be anal		NA			
		•				
	ract Laboratory	9	Ma			
	amples required to get sent to a subcontract laborate a subcontract laboratory specified by the client and i	-	No NA	Cook a control of Took NIA		
		i so wiio:	INA	Subcontract Lab: NA		
Client I	<u>nstruction</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





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Practical Solutions for a Better Tomorrow

# **Analytical Report**

Matador Resources, LLC.

Project Name: Jack Sleeper Booster Station

Work Order: E404240

Job Number: 23003-0001

Received: 4/24/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/29/24

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

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

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

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

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

Date Reported: 4/29/24

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

Project Name: Jack Sleeper Booster Station

Workorder: E404240

Date Received: 4/24/2024 5:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/24/2024 5:00:00AM, under the Project Name: Jack Sleeper Booster Station.

The analytical test results summarized in this report with the Project Name: Jack Sleeper Booster Station 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

**Alexa Michaels** 

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Envirotech Web Address: www.envirotech-inc.com

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### Sample Summary

Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	Donoutoda
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	04/29/24 13:03

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01-2'	E404240-01A	Soil	04/22/24	04/24/24	Glass Jar, 2 oz.
FS02-4'	E404240-02A	Soil	04/22/24	04/24/24	Glass Jar, 2 oz.
FS03-4'	E404240-03A	Soil	04/22/24	04/24/24	Glass Jar, 2 oz.
FS04-4'	E404240-04A	Soil	04/22/24	04/24/24	Glass Jar, 2 oz.
FS05-4'	E404240-05A	Soil	04/22/24	04/24/24	Glass Jar, 2 oz.



Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/29/2024 1:03:38PM

#### FS01-2' E404240-01

		E404240-01				
	D. Iv	Reporting	Dil di	D 1		N
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2417041
Benzene	ND	0.0250	1	04/24/24	04/24/24	
Ethylbenzene	ND	0.0250	1	04/24/24	04/24/24	
Toluene	ND	0.0250	1	04/24/24	04/24/24	
p-Xylene	ND	0.0250	1	04/24/24	04/24/24	
o,m-Xylene	ND	0.0500	1	04/24/24	04/24/24	
Total Xylenes	ND	0.0250	1	04/24/24	04/24/24	
Surrogate: 4-Bromochlorobenzene-PID		90.9 %	70-130	04/24/24	04/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2417041
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/24/24	04/24/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.0 %	70-130	04/24/24	04/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2417043
Diesel Range Organics (C10-C28)	ND	25.0	1	04/24/24	04/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/24/24	04/24/24	
Surrogate: n-Nonane		79.1 %	50-200	04/24/24	04/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: JM		Batch: 2417044
Chloride	51.9	20.0	1	04/24/24	04/24/24	

Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/29/2024 1:03:38PM

#### FS02-4' E404240-02

		E404240-02				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	nalyst: RKS		Batch: 2417041
Benzene	ND	0.0250	1	04/24/24	04/24/24	Buten: 2117011
Ethylbenzene	ND	0.0250	1	04/24/24	04/24/24	
Toluene	ND	0.0250	1	04/24/24	04/24/24	
o-Xylene	ND	0.0250	1	04/24/24	04/24/24	
p,m-Xylene	ND	0.0500	1	04/24/24	04/24/24	
Total Xylenes	ND	0.0250	1	04/24/24	04/24/24	
Surrogate: 4-Bromochlorobenzene-PID		91.7 %	70-130	04/24/24	04/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	nalyst: RKS		Batch: 2417041
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/24/24	04/24/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.4 %	70-130	04/24/24	04/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	nalyst: KM		Batch: 2417043
Diesel Range Organics (C10-C28)	ND	25.0	1	04/24/24	04/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/24/24	04/24/24	
Surrogate: n-Nonane		84.1 %	50-200	04/24/24	04/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	nalyst: JM		Batch: 2417044
Chloride	39.0	20.0	1	04/24/24	04/24/24	



Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/29/2024 1:03:38PM

#### FS03-4' E404240-03

	1.404240 05				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	yst: RKS		Batch: 2417041
ND	0.0250	1	04/24/24	04/24/24	
ND	0.0250	1	04/24/24	04/24/24	
ND	0.0250	1	04/24/24	04/24/24	
ND	0.0250	1	04/24/24	04/24/24	
ND	0.0500	1	04/24/24	04/24/24	
ND	0.0250	1	04/24/24	04/24/24	
	89.1 %	70-130	04/24/24	04/24/24	
mg/kg	mg/kg	Analy	yst: RKS		Batch: 2417041
ND	20.0	1	04/24/24	04/24/24	
	88.8 %	70-130	04/24/24	04/24/24	
mg/kg	mg/kg	Analy	yst: KM		Batch: 2417043
ND	25.0	1	04/24/24	04/24/24	
ND	50.0	1	04/24/24	04/24/24	
	80.7 %	50-200	04/24/24	04/24/24	
mg/kg	mg/kg	Analy	yst: JM		Batch: 2417044
26.0	20.0	1	04/24/24	04/24/24	
	mg/kg 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         0.0250           MD         0.0250           MD         0.0250           89.1 %         mg/kg           MD         20.0           88.8 %         mg/kg           ND         25.0           ND         50.0           80.7 %         mg/kg           mg/kg         mg/kg	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Analy           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           89.1 %         70-130           mg/kg         mg/kg         Analy           ND         20.0         1           88.8 %         70-130           mg/kg         mg/kg         Analy           ND         25.0         1           ND         50.0         1           80.7 %         50-200           mg/kg         mg/kg         Analy	Reporting           Result         Limit         Dilution         Prepared           mg/kg         Analyst: RKS           ND         0.0250         1         04/24/24           ND         0.0250         1         04/24/24           ND         0.0250         1         04/24/24           ND         0.0250         1         04/24/24           ND         0.0500         1         04/24/24           ND         0.0250         1         04/24/24           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         04/24/24           mg/kg         mg/kg         Analyst: KM           ND         25.0         1         04/24/24           ND         50.0         1         04/24/24           ND         50.0         1         04/24/24           ND         50.0         1         04/24/24           ND         50.0         0         04/24/24           Mg/kg         Mg/kg         Analyst: JM	Reporting           Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         04/24/24         04/24/24           ND         0.0250         1         04/24/24         04/24/24           ND         0.0250         1         04/24/24         04/24/24           ND         0.0500         1         04/24/24         04/24/24           ND         0.0500         1         04/24/24         04/24/24           ND         0.0250         1         04/24/24         04/24/24           89.1 %         70-130         04/24/24         04/24/24           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         04/24/24         04/24/24           88.8 %         70-130         04/24/24         04/24/24           mg/kg         mg/kg         Analyst: KM           ND         25.0         1         04/24/24         04/24/24           ND         50.0         1         04/24/24         04/24/24           ND         50.0         1         04/24/24         04/24/24



Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/29/2024 1:03:38PM

#### FS04-4'

#### E404240-04

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RKS		Batch: 2417041
Benzene	ND	0.0250	1	04/24/24	04/24/24	
Ethylbenzene	ND	0.0250	1	04/24/24	04/24/24	
Toluene	ND	0.0250	1	04/24/24	04/24/24	
o-Xylene	ND	0.0250	1	04/24/24	04/24/24	
o,m-Xylene	ND	0.0500	1	04/24/24	04/24/24	
Total Xylenes	ND	0.0250	1	04/24/24	04/24/24	
Surrogate: 4-Bromochlorobenzene-PID		90.6 %	70-130	04/24/24	04/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RKS		Batch: 2417041
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/24/24	04/24/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.6 %	70-130	04/24/24	04/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2417043
Diesel Range Organics (C10-C28)	ND	25.0	1	04/24/24	04/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/24/24	04/24/24	
Surrogate: n-Nonane		75.8 %	50-200	04/24/24	04/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2417044
Chloride	64.4	20.0		04/24/24	04/24/24	



Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0001	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/29/2024 1:03:38PM

#### FS05-4'

#### E404240-05

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RKS		Batch: 2417041
Benzene	ND	0.0250	1	04/24/24	04/24/24	
Ethylbenzene	ND	0.0250	1	04/24/24	04/24/24	
Toluene	ND	0.0250	1	04/24/24	04/24/24	
o-Xylene	ND	0.0250	1	04/24/24	04/24/24	
p,m-Xylene	ND	0.0500	1	04/24/24	04/24/24	
Total Xylenes	ND	0.0250	1	04/24/24	04/24/24	
Surrogate: 4-Bromochlorobenzene-PID		92.1 %	70-130	04/24/24	04/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RKS		Batch: 2417041
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/24/24	04/24/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.4 %	70-130	04/24/24	04/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2417043
Diesel Range Organics (C10-C28)	ND	25.0	1	04/24/24	04/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/24/24	04/24/24	
Surrogate: n-Nonane		80.2 %	50-200	04/24/24	04/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2417044
·	36.2	20.0		04/24/24	04/24/24	<u>"</u>



		<b>Q</b> © 8.		ary Date	~				
Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500		Project Name: Project Number:		ack Sleeper Bo	oster Stati	on			Reported:
Dallas TX, 75240		Project Manager:		Ashley Gioveng	50				4/29/2024 1:03:38PM
		Volatile O	rganics	by EPA 802	1B				Analyst: RKS
		, olutio o	gumes						Allalyst: KKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2417041-BLK1)							Prepared: 0	4/24/24 A	nalyzed: 04/24/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.19		8.00		89.9	70-130			
LCS (2417041-BS1)							Prepared: 0	4/24/24 A	nalyzed: 04/24/24
Benzene	4.98	0.0250	5.00		99.7	70-130			
Ethylbenzene	4.96	0.0250	5.00		99.2	70-130			
Toluene	4.96	0.0250	5.00		99.2	70-130			
o-Xylene	4.89	0.0250	5.00		97.9	70-130			
o,m-Xylene	9.99	0.0500	10.0		99.9	70-130			
Total Xylenes	14.9	0.0250	15.0		99.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.19		8.00		89.9	70-130			
Matrix Spike (2417041-MS1)				Source:	E404240-	03	Prepared: 0	4/24/24 A	nalyzed: 04/24/24
Benzene	5.13	0.0250	5.00	ND	103	54-133			
Ethylbenzene	5.08	0.0250	5.00	ND	102	61-133			
Toluene	5.10	0.0250	5.00	ND	102	61-130			
o-Xylene	5.01	0.0250	5.00	ND	100	63-131			
o,m-Xylene	10.2	0.0500	10.0	ND	102	63-131			
Total Xylenes	15.3	0.0250	15.0	ND	102	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.18		8.00		89.7	70-130			
Matrix Spike Dup (2417041-MSD1)				Source:	E404240-	03	Prepared: 0	4/24/24 A	nalyzed: 04/24/24
Benzene	5.30	0.0250	5.00	ND	106	54-133	3.32	20	
Ethylbenzene	5.27	0.0250	5.00	ND	105	61-133	3.64	20	
Toluene	5.28	0.0250	5.00	ND	106	61-130	3.31	20	
o-Xylene	5.23	0.0250	5.00	ND	105	63-131	4.13	20	
o,m-Xylene	10.6	0.0500	10.0	ND	106	63-131	3.51	20	
Total Xylenes	15.8	0.0250	15.0	ND	106	63-131	3.71	20	

8.00

7.24

90.5

70-130



Surrogate: 4-Bromochlorobenzene-PID

Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0001	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/29/2024 1:03:38PM

Dallas TX, 75240		Project Manage	r: As	hley Gioveng	go			4/2	9/2024 1:03:38PN
	Non	halogenated	Organics l	oy EPA 80	15D - GI	RO		F	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 (2417041-BLK1)							Prepared: 0	4/24/24 Anal	yzed: 04/24/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.88		8.00		86.0	70-130			
LCS (2417041-BS2)							Prepared: 0-	4/24/24 Anal	yzed: 04/24/24
Gasoline Range Organics (C6-C10)	38.3	20.0	50.0		76.5	70-130			
urrogate: 1-Chloro-4-fluorobenzene-FID	7.11		8.00		88.8	70-130			
Matrix Spike (2417041-MS2)				Source:	E404240-	03	Prepared: 0-	4/24/24 Anal	yzed: 04/24/24
Gasoline Range Organics (C6-C10)	39.1	20.0	50.0	ND	78.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.78		8.00		84.7	70-130			
Matrix Spike Dup (2417041-MSD2)				Source:	E404240-	03	Prepared: 0	4/24/24 Anal	yzed: 04/24/24
Gasoline Range Organics (C6-C10)	38.5	20.0	50.0	ND	77.0	70-130	1.49	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.83		8.00		85.4	70-130			

Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0001	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/29/2024 1:03:38PM

Dallas 1X, /5240		Project Manage	r: As	sniey Gioveng	go				4/29/2024 1:03:38PN
	Nonha	logenated Or	ganics by l	EPA 8015I	) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2417043-BLK1)							Prepared: 0	4/24/24 Ar	nalyzed: 04/24/24
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	44.3		50.0		88.7	50-200			
LCS (2417043-BS1)							Prepared: 0	4/24/24 Ar	nalyzed: 04/24/24
Diesel Range Organics (C10-C28)	258	25.0	250		103	38-132			
urrogate: n-Nonane	46.6		50.0		93.2	50-200			
Matrix Spike (2417043-MS1)				Source:	E404240-	03	Prepared: 0	4/24/24 Ar	nalyzed: 04/24/24
Diesel Range Organics (C10-C28)	265	25.0	250	ND	106	38-132			
urrogate: n-Nonane	46.1		50.0		92.3	50-200			
Matrix Spike Dup (2417043-MSD1)				Source:	E404240-	03	Prepared: 0	4/24/24 Ar	nalyzed: 04/24/24
Diesel Range Organics (C10-C28)	251	25.0	250	ND	100	38-132	5.19	20	
Jurrogate: n-Nonane	45.1		50.0		90.3	50-200			

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager:	2	ack Sleeper Bo 23003-0001 Ashley Gioveng		on			<b>Reported:</b> 4/29/2024 1:03:38PM
		Anions	by EPA	300.0/9056 <i>A</i>	1				Analyst: JM
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2417044-BLK1)							Prepared: 0	4/24/24 A	nalyzed: 04/24/24
Chloride	ND	20.0							
LCS (2417044-BS1)							Prepared: 0	4/24/24 A	nalyzed: 04/24/24
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2417044-MS1)				Source:	E404237-0	)7	Prepared: 0	4/24/24 A	nalyzed: 04/24/24
Chloride	550	20.0	250	305	97.9	80-120			
Matrix Spike Dup (2417044-MSD1)				Source:	E404237-0	)7	Prepared: 0	4/24/24 A	nalyzed: 04/24/24
Chloride	560	20.0	250	305	102	80-120	1.80	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:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0001Reported:Dallas TX, 75240Project Manager:Ashley Giovengo04/29/24 13:03

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.



1	Received by
	OCD:
	6/7/2024
	8:28:36
	AM

Client: N	Matador Prod	luction C	ompany		1.5	Bill To				Lab I	Jse O	nlv				TA	AT	EPA P	rogram
	Jack Sleepe				Att	tention: Ensolum LLC		Lab W	O#.				ber	1D	2D	3D			SDW
	Manager: As					dress: on file		E 40	242	240	23	003	ber -C-000/				x		
	: 3122 Natio					y, State, Zip:							nd Metho						RCR
	te, Zip: Carls		88220		Pho	one: 575-988-0055		by O								1000			
	575-988-005				Em	nail: agiovengo@ensolum.com		ORC				-4						State	
	giovengo@e	nsolum.c	om		-			ORO/	1	27 09	0	0.00		ΣZ		¥	NM CO	UT AZ	TX
Report d	lue by:				11-11			30/1	.   6	787	601	Je 30	표			100	×		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	TPH GRO/DRO/ORO by	8015	BTEX by 8021	Metals 6010	Chloride 300.0	тсед трн	BGDOC		GDOC		Remarks	
10:47	4/22/2024	Soil	1			FS01 - 2'	l							х					
10:49	4/22/2024	Soil	1			FS02 - 4'	2							х					
0:00	4/22/2024	Soil	1			FS03 - 4'	3							х					
12:02	4/22/2024	Soil	1	FS04 - 4'										х					
13:14	4/22/2024	Soil	1		FS05 - 4'		5		T					х					
									T										
											1								
									+										
									+	+	+								
									+	+	-								
Addition	al Instruction	ns: Ple	ase CC: cl	hurton@en	solum com	n, agiovengo@ensolum.com, ch	amilton@e	ensolur	m coi	m ies	trolla	@en	solum co	m					
						hat tampering with or intentionally mislabell				,					ation m	uet ha re	eceived on ice the da	thou are cam	plad or
	of collection is co					Sampled by:	ing the sample	location,					7				less than 6 °C on sub		picu oi
	ed by: (Signatur		Date		me	Received by: (Signature)	Date	Tir	me					1;	ab U	se On	ılv		
~	les		141	73/24	8=15	Mahelle Gongales	4-23:	14	180	5	Rec	eived	on ice:		)/ N				
	ed by: (Signatur		Date 4-	23.24	ne 1619	Received by: (Signature)	Date 4.22	Tir	me		T1						T3		
	ed by: (Signatur		Date	Ti	me	Received by: (Signature)	Date	Tir	me			5 Tem	np°C 4	-					
elinglish	ed by: (Signatur	880	Date 4.	Ti		Received by: (Signature)  Received by: Hall	Date 4-24-2	Tir	050				np °C	<u>T2</u>			<u>T3</u>		



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Printed: 4/24/2024 11:37:16AM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

	Matador Resources, LLC.	Date Received:	04/24/24	05:00	Work Order ID:	E404240
Phone:	(972) 371-5200	Date Logged In:	04/23/24	15:58	Logged In By:	Alexa Michaels
Email:	agiovngo@ensolum.com	Due Date:	04/30/24	17:00 (4 day TAT)		
Chain of	Custody (COC)					
. Does th	e sample ID match the COC?		Yes			
	e number of samples per sampling site location mate	ch the COC	Yes			
3. Were sa	mples dropped off by client or carrier?		Yes	Carrier: Courier		
. Was the	COC complete, i.e., signatures, dates/times, reques	ted analyses?	Yes			
5. Were al	samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssio		Yes		Commen	ts/Resolution
	Irn Around Time (TAT)  COC indicate standard TAT, or Expedited TAT?		Yes			
Sample C	· · · · · · · · · · · · · · · · · · ·		103			
	ample cooler received?		Yes			
	vas cooler received in good condition?		Yes			
-	sample(s) received intact, i.e., not broken?		Yes	İ		
	sample(s) received mace, i.e., not broken:					
	were custody/security seals intact?		No			
12. Was the	sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling	received w/i 15	NA Yes			
13. If no v	isible ice, record the temperature. Actual sample	temperature: 4°	<u>C</u>			
Sample C 14. Are ac	ontainer ueous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA	ì		
	nead 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	n-VOC samples collected in the correct containers?		Yes			
19. Is the a	ppropriate volume/weight or number of sample contain	ers collected?	Yes			
Field Lab	e <u>l</u>					
20. Were f	ield sample labels filled out with the minimum info	rmation:				
	mple ID?		Yes			
	nte/Time Collected?		Yes			
	reservation_		No			
	he COC or field labels indicate the samples were pr	eserved?	No			
	mple(s) correctly preserved?		NA			
	ilteration required and/or requested for dissolved m	etals?	No			
	e Sample Matrix					
	he sample have more than one phase, i.e., multiphas	e?	No			
	does the COC specify which phase(s) is to be analy		NA			
•						
	act Laboratory	?	No			
	mples required to get sent to a subcontract laborator subcontract laboratory specified by the client and if	-	NA	Subcontract Lab: NA		
	struction					

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: Jack Sleeper Booster Station

Work Order: E405014

Job Number: 23003-0002

Received: 5/2/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/8/24

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

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

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

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

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

Date Reported: 5/8/24

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

Project Name: Jack Sleeper Booster Station

Workorder: E405014

Date Received: 5/2/2024 5:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/2/2024 5:30:00AM, under the Project Name: Jack Sleeper Booster Station.

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

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

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Envirotech Web Address: www.envirotech-inc.com

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# Sample Summary

Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	05/08/24 10:28

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS06 -3'	E405014-01A	Soil	04/30/24	05/02/24	Glass Jar, 2 oz.
FS07 2.5'	E405014-02A	Soil	04/30/24	05/02/24	Glass Jar, 2 oz.
FS08 -2'	E405014-03A	Soil	04/30/24	05/02/24	Glass Jar, 2 oz.
FS09 -2'	E405014-04A	Soil	04/30/24	05/02/24	Glass Jar, 2 oz.
FS10 -2'	E405014-05A	Soil	04/30/24	05/02/24	Glass Jar, 2 oz.
FS11 -2'	E405014-06A	Soil	04/30/24	05/02/24	Glass Jar, 2 oz.
FS12 -2'	E405014-07A	Soil	04/30/24	05/02/24	Glass Jar, 2 oz.
FS13 -2'	E405014-08A	Soil	04/30/24	05/02/24	Glass Jar, 2 oz.
FS14 -2'	E405014-09A	Soil	04/30/24	05/02/24	Glass Jar, 2 oz.

Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/8/2024 10:28:24AM

### FS06 -3' E405014-01

		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RAS		Batch: 2418105
Benzene	ND	0.0250		1	05/02/24	05/03/24	
Ethylbenzene	ND	0.0250		1	05/02/24	05/03/24	
Toluene	ND	0.0250		1	05/02/24	05/03/24	
o-Xylene	ND	0.0250		1	05/02/24	05/03/24	
p,m-Xylene	ND	0.0500		1	05/02/24	05/03/24	
Total Xylenes	ND	0.0250		1	05/02/24	05/03/24	
Surrogate: Bromofluorobenzene		88.2 %	70-130		05/02/24	05/03/24	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130		05/02/24	05/03/24	
Surrogate: Toluene-d8		96.4 %	70-130		05/02/24	05/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	kg Analyst: RAS			Batch: 2418105	
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/02/24	05/03/24	
Surrogate: Bromofluorobenzene		88.2 %	70-130		05/02/24	05/03/24	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130		05/02/24	05/03/24	
Surrogate: Toluene-d8		96.4 %	70-130		05/02/24	05/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2418131
Diesel Range Organics (C10-C28)	ND	25.0		1	05/03/24	05/03/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/03/24	05/03/24	
Surrogate: n-Nonane		80.6 %	50-200		05/03/24	05/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2418128
Chloride	ND	20.0		1	05/03/24	05/04/24	



Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/8/2024 10:28:24AM

### FS07 2.5' E405014-02

		Reporting				
Analyte	Result	Limit	Dilut	tion Prepar	red Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RAS		Batch: 2418105
Benzene	ND	0.0250	1	05/02	/24 05/03/24	
Ethylbenzene	ND	0.0250	1	05/02	/24 05/03/24	
Toluene	ND	0.0250	1	05/02	/24 05/03/24	
o-Xylene	ND	0.0250	1	05/02	/24 05/03/24	
p,m-Xylene	ND	0.0500	1	05/02	/24 05/03/24	
Total Xylenes	ND	0.0250	1	05/02	/24 05/03/24	
Surrogate: Bromofluorobenzene		86.2 %	70-130	05/02	/24 05/03/24	
Surrogate: 1,2-Dichloroethane-d4		94.6 %	70-130	05/02	05/03/24	
Surrogate: Toluene-d8		100 %	70-130	05/02	/24 05/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg Analyst: RAS			Batch: 2418105	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/02	/24 05/03/24	
Surrogate: Bromofluorobenzene		86.2 %	70-130	05/02	05/03/24	
Surrogate: 1,2-Dichloroethane-d4		94.6 %	70-130	05/02	/24 05/03/24	
Surrogate: Toluene-d8		100 %	70-130	05/02	/24 05/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM		Batch: 2418131
Diesel Range Organics (C10-C28)	ND	25.0	1	05/03/	/24 05/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/03	/24 05/03/24	
Surrogate: n-Nonane		78.2 %	50-200	05/03/	/24 05/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: IY		Batch: 2418128
Chloride	ND	20.0	1	05/03	/24 05/04/24	

Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/8/2024 10:28:24AM

### FS08 -2' E405014-03

Analyte	Result	Reporting Limit	Dilut	ion Prepare	d Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RAS	,	Batch: 2418105
Benzene	ND	0.0250	1	05/02/2	4 05/03/24	Buten: 2110100
Ethylbenzene	ND	0.0250	1	05/02/2		
Toluene	ND	0.0250	1	05/02/2	4 05/03/24	
o-Xylene	ND	0.0250	1	05/02/2	4 05/03/24	
p,m-Xylene	ND	0.0500	1	05/02/2	4 05/03/24	
Total Xylenes	ND	0.0250	1	05/02/2	4 05/03/24	
Surrogate: Bromofluorobenzene		88.5 %	70-130	05/02/2	4 05/03/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	05/02/2	4 05/03/24	
Surrogate: Toluene-d8		95.5 %	70-130	05/02/2	4 05/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	kg Analyst: RAS			Batch: 2418105
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/02/2	4 05/03/24	
Surrogate: Bromofluorobenzene		88.5 %	70-130	05/02/2	4 05/03/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	05/02/2	4 05/03/24	
Surrogate: Toluene-d8		95.5 %	70-130	05/02/2	4 05/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM		Batch: 2418131
Diesel Range Organics (C10-C28)	ND	25.0	1	05/03/2	4 05/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/03/2	4 05/03/24	
Surrogate: n-Nonane		69.6 %	50-200	05/03/2	4 05/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: IY		Batch: 2418128
Chloride	ND	20.0	1	05/03/2	4 05/04/24	

Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo5/8/2024 10:28:24AM

### FS09 -2' E405014-04

		LIOCOTTOT				
Analyte	Result	Reporting Limit	Dilut	tion Prepared	I Analyzed	Notes
Marye				1	7 mary zed	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: RAS		Batch: 2418105
Benzene	ND	0.0250	1	05/02/24	05/03/24	
Ethylbenzene	ND	0.0250	1	05/02/24	05/03/24	
Toluene	ND	0.0250	1	05/02/24	05/03/24	
o-Xylene	ND	0.0250	1	05/02/24	05/03/24	
p,m-Xylene	ND	0.0500	1	05/02/24	05/03/24	
Total Xylenes	ND	0.0250	1	05/02/24	05/03/24	
Surrogate: Bromofluorobenzene		88.6 %	70-130	05/02/24	05/03/24	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130	05/02/24	05/03/24	
Surrogate: Toluene-d8		95.0 %	70-130	05/02/24	05/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg Analyst: RAS			Batch: 2418105	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/02/24	05/03/24	
Surrogate: Bromofluorobenzene		88.6 %	70-130	05/02/24	05/03/24	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130	05/02/24	05/03/24	
Surrogate: Toluene-d8		95.0 %	70-130	05/02/24	05/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM		Batch: 2418131
Diesel Range Organics (C10-C28)	ND	25.0	1	05/03/24	05/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/03/24	05/03/24	
Surrogate: n-Nonane		66.0 %	50-200	05/03/24	05/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: IY		Batch: 2418128
Chloride	ND	20.0	1	05/03/24	05/04/24	



Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo5/8/2024 10:28:24AM

### FS10 -2' E405014-05

D 1:	Reporting	F.:		D 1		N.
Result	Limit	Dil	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	: RAS		Batch: 2418105
ND	0.0250		1	05/02/24	05/03/24	
ND	0.0250		1	05/02/24	05/03/24	
ND	0.0250		1	05/02/24	05/03/24	
ND	0.0250		1	05/02/24	05/03/24	
ND	0.0500		1	05/02/24	05/03/24	
ND	0.0250		1	05/02/24	05/03/24	
	89.1 %	70-130		05/02/24	05/03/24	
	102 %	70-130		05/02/24	05/03/24	
	97.2 %	70-130		05/02/24	05/03/24	
mg/kg	mg/kg		Analyst:	: RAS		Batch: 2418105
ND	20.0		1	05/02/24	05/03/24	
	89.1 %	70-130		05/02/24	05/03/24	
	102 %	70-130		05/02/24	05/03/24	
	97.2 %	70-130		05/02/24	05/03/24	
mg/kg	mg/kg		Analyst:	: KM		Batch: 2418131
ND	25.0		1	05/03/24	05/03/24	
ND	50.0		1	05/03/24	05/03/24	
	74.5 %	50-200		05/03/24	05/03/24	
mg/kg	mg/kg		Analyst:	: IY		Batch: 2418128
ND	20.0		1	05/03/24	05/04/24	
	ND Mg/kg ND Mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           89.1 %         102 %           97.2 %         97.2 %           mg/kg         mg/kg           ND         20.0           89.1 %         102 %           97.2 %         97.2 %           mg/kg         mg/kg           ND         25.0           ND         50.0           74.5 %         mg/kg           mg/kg         mg/kg	Result         Limit         Dil           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           89.1 %         70-130           102 %         70-130           97.2 %         70-130           mg/kg         mg/kg           ND         20.0           89.1 %         70-130           97.2 %         70-130           mg/kg         mg/kg           ND         25.0           ND         50.0           74.5 %         50-200           mg/kg         mg/kg	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           89.1 %         70-130           102 %         70-130           97.2 %         70-130           mg/kg         mg/kg         Analyst           ND         20.0         1           89.1 %         70-130         70-130           mg/kg         mg/kg         Analyst           ND         25.0         1           ND         50.0         1           74.5 %         50-200           mg/kg         Mg/kg         Analyst	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RAS           ND         0.0250         1         05/02/24           ND         0.0250         1         05/02/24           ND         0.0250         1         05/02/24           ND         0.0250         1         05/02/24           ND         0.0500         1         05/02/24           ND         0.0250         1         05/02/24           ND         0.0250         1         05/02/24           102 %         70-130         05/02/24           97.2 %         70-130         05/02/24           97.2 %         70-130         05/02/24           89.1 %         70-130         05/02/24           89.1 %         70-130         05/02/24           102 %         70-130         05/02/24           97.2 %         70-130         05/02/24           97.2 %         70-130         05/02/24           97.2 %         70-130         05/02/24           ND         25.0         1         05/03/24           ND         50.0         1         05/03/24           ND	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RAS           ND         0.0250         1         05/02/24         05/03/24           ND         0.0500         1         05/02/24         05/03/24           ND         0.0250         1         05/02/24         05/03/24           ND         0.0250         1         05/02/24         05/03/24           89.1 %         70-130         05/02/24         05/03/24           97.2 %         70-130         05/02/24         05/03/24           Mg/kg         mg/kg         Analyst: RAS           ND         20.0         1         05/02/24         05/03/24           102 %         70-130         05/02/24         05/03/24           102 %         70-130         05/02/24         05/03/24           97.2 %         70-130         05/02/24         05/03/24           mg/kg         mg/



Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo5/8/2024 10:28:24AM

### FS11 -2' E405014-06

	_	Reporting	_				
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: 1	RAS		Batch: 2418105
Benzene	ND	0.0250	1	1	05/02/24	05/03/24	
Ethylbenzene	ND	0.0250	1	1	05/02/24	05/03/24	
Toluene	ND	0.0250	1	1	05/02/24	05/03/24	
o-Xylene	ND	0.0250	1	1	05/02/24	05/03/24	
p,m-Xylene	ND	0.0500	1	1	05/02/24	05/03/24	
Total Xylenes	ND	0.0250	1	1	05/02/24	05/03/24	
Surrogate: Bromofluorobenzene		87.2 %	70-130		05/02/24	05/03/24	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130		05/02/24	05/03/24	
Surrogate: Toluene-d8		94.8 %	70-130		05/02/24	05/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	mg/kg Analyst: RAS			Batch: 2418105	
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	05/02/24	05/03/24	
Surrogate: Bromofluorobenzene		87.2 %	70-130		05/02/24	05/03/24	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130		05/02/24	05/03/24	
Surrogate: Toluene-d8		94.8 %	70-130		05/02/24	05/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 1	KM		Batch: 2418131
Diesel Range Organics (C10-C28)	ND	25.0	1	1	05/03/24	05/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	05/03/24	05/03/24	
Surrogate: n-Nonane		75.5 %	50-200		05/03/24	05/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: 1	IY		Batch: 2418128
Chloride	82.5	20.0	1	1	05/03/24	05/04/24	

Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/8/2024 10:28:24AM

### FS12 -2' E405014-07

	Reporting					
Result	Limit	Dil	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	: RAS		Batch: 2418105
ND	0.0250		1	05/02/24	05/03/24	
ND	0.0250		1	05/02/24	05/03/24	
ND	0.0250		1	05/02/24	05/03/24	
ND	0.0250		1	05/02/24	05/03/24	
ND	0.0500		1	05/02/24	05/03/24	
ND	0.0250		1	05/02/24	05/03/24	
	87.9 %	70-130		05/02/24	05/03/24	
	99.0 %	70-130		05/02/24	05/03/24	
	98.1 %	70-130		05/02/24	05/03/24	
mg/kg	mg/kg		Analyst:	: RAS		Batch: 2418105
ND	20.0		1	05/02/24	05/03/24	
	87.9 %	70-130		05/02/24	05/03/24	
	99.0 %	70-130		05/02/24	05/03/24	
	98.1 %	70-130		05/02/24	05/03/24	
mg/kg	mg/kg		Analyst:	: KM		Batch: 2418131
ND	25.0		1	05/03/24	05/03/24	
ND	50.0		1	05/03/24	05/03/24	
	77.4 %	50-200		05/03/24	05/03/24	
mg/kg	mg/kg		Analyst:	: IY		Batch: 2418128
ND	20.0		1	05/03/24	05/04/24	
	ND Mg/kg ND Mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           87.9 %         99.0 %           98.1 %         98.1 %           mg/kg         mg/kg           ND         20.0           87.9 %         99.0 %           98.1 %         98.1 %           mg/kg         mg/kg           ND         25.0           ND         50.0           77.4 %         mg/kg           mg/kg         mg/kg	Result         Limit         Dil           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           87.9 %         70-130           99.0 %         70-130           98.1 %         70-130           mg/kg         mg/kg           ND         20.0           87.9 %         70-130           99.0 %         70-130           98.1 %         70-130           mg/kg         mg/kg           ND         25.0           ND         50.0           77.4 %         50-200           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         Analyst           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           87.9 %         70-130           99.0 %         70-130           98.1 %         70-130           mg/kg         mg/kg         Analyst           ND         20.0         1           87.9 %         70-130         98.1 %           99.0 %         70-130         98.1 %           ng/kg         mg/kg         Analyst           ND         25.0         1           ND         50.0         1           77.4 %         50-200           mg/kg         Mg/kg         Analyst	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RAS           ND         0.0250         1         05/02/24           ND         0.0250         1         05/02/24           ND         0.0250         1         05/02/24           ND         0.0250         1         05/02/24           ND         0.0500         1         05/02/24           ND         0.0250         1         05/02/24           ND         0.0250         1         05/02/24           99.0 %         70-130         05/02/24           99.0 %         70-130         05/02/24           98.1 %         70-130         05/02/24           87.9 %         70-130         05/02/24           99.0 %         70-130         05/02/24           99.0 %         70-130         05/02/24           98.1 %         70-130         05/02/24           98.1 %         70-130         05/02/24           98.1 %         70-130         05/02/24           98.1 %         70-130         05/02/24           98.1 %         70-130         05/02/24           98.0 %         70-130<	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RAS           ND         0.0250         1         05/02/24         05/03/24           ND         0.0500         1         05/02/24         05/03/24           ND         0.0250         1         05/02/24         05/03/24           87.9 %         70-130         05/02/24         05/03/24           99.0 %         70-130         05/02/24         05/03/24           98.1 %         70-130         05/02/24         05/03/24           99.0 %         70-130         05/02/24         05/03/24           99.0 %         70-130         05/02/24         05/03/24           99.0 %         70-130         05/02/24         05/03/24           98.1 %         70-130         05/02/24         05/03/24           98.1 %         70-130         05/02/24         05/03/24           98.1 %         70-1



Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/8/2024 10:28:24AM

### FS13 -2' E405014-08

		E403014-00					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RAS		Batch: 2418105
Benzene	ND	0.0250		1	05/02/24	05/03/24	
Ethylbenzene	ND	0.0250		1	05/02/24	05/03/24	
Toluene	ND	0.0250		1	05/02/24	05/03/24	
o-Xylene	ND	0.0250		1	05/02/24	05/03/24	
p,m-Xylene	ND	0.0500		1	05/02/24	05/03/24	
Total Xylenes	ND	0.0250		1	05/02/24	05/03/24	
Surrogate: Bromofluorobenzene		90.6 %	70-130		05/02/24	05/03/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		05/02/24	05/03/24	
Surrogate: Toluene-d8		98.1 %	70-130		05/02/24	05/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2418105
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/02/24	05/03/24	
Surrogate: Bromofluorobenzene		90.6 %	70-130		05/02/24	05/03/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		05/02/24	05/03/24	
Surrogate: Toluene-d8		98.1 %	70-130		05/02/24	05/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2418131
Diesel Range Organics (C10-C28)	ND	25.0		1	05/03/24	05/03/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/03/24	05/03/24	
Surrogate: n-Nonane		76.6 %	50-200	·	05/03/24	05/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2418128
Chloride	64.7	20.0		1	05/03/24	05/04/24	

Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo5/8/2024 10:28:24AM

### FS14 -2' E405014-09

		Reporting					
Analyte	Result	Limit	Dilu	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RAS		Batch: 2418105
Benzene	ND	0.0250		1	05/02/24	05/03/24	
Ethylbenzene	ND	0.0250		1	05/02/24	05/03/24	
Toluene	ND	0.0250		1	05/02/24	05/03/24	
o-Xylene	ND	0.0250		1	05/02/24	05/03/24	
p,m-Xylene	ND	0.0500		1	05/02/24	05/03/24	
Total Xylenes	ND	0.0250		1	05/02/24	05/03/24	
Surrogate: Bromofluorobenzene		89.2 %	70-130		05/02/24	05/03/24	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		05/02/24	05/03/24	
Surrogate: Toluene-d8		97.2 %	70-130		05/02/24	05/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RAS		Batch: 2418105
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/02/24	05/03/24	
Surrogate: Bromofluorobenzene		89.2 %	70-130		05/02/24	05/03/24	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		05/02/24	05/03/24	
Surrogate: Toluene-d8		97.2 %	70-130		05/02/24	05/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2418131
Diesel Range Organics (C10-C28)	ND	25.0		1	05/03/24	05/03/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/03/24	05/03/24	
Surrogate: n-Nonane		79.3 %	50-200		05/03/24	05/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2418128
Chloride	53.3	20.0		1	05/03/24	05/04/24	

# **QC Summary Data**

Matador Resources, LLC. Project Name: Jack Sleeper Booster Station Reported: Project Number: 5400 LBJ Freeway, Suite 1500 23003-0002 Dallas TX, 75240 Project Manager: Ashley Giovengo 5/8/2024 10:28:24AM **Volatile Organic Compounds by EPA 8260B** Analyst: RAS Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2418105-BLK1) Prepared: 05/02/24 Analyzed: 05/03/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.443 0.500 88.5 70-130 Surrogate: 1,2-Dichloroethane-d4 0.494 0.500 98.7 70-130 0.500 98.3 70-130 Surrogate: Toluene-d8 0.492 LCS (2418105-BS1) Prepared: 05/02/24 Analyzed: 05/03/24 2.15 0.0250 2.50 85.9 70-130 Benzene 2.28 2.50 70-130 91.4 Ethylbenzene 0.0250 2.40 0.0250 2.50 95.9 70-130 90.4 70-130 2.26 0.0250 2.50 o-Xylene 4.60 5.00 92.0 70-130 p,m-Xylene 0.0500 6.86 0.0250 7.50 91.5 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.456 0.500 91.2 70-130 0.500 97.9 70-130 Surrogate: 1,2-Dichloroethane-d4 0.490 70-130 Surrogate: Toluene-d8 0.488 0.500 Matrix Spike (2418105-MS1) Source: E405011-22 Prepared: 05/02/24 Analyzed: 05/03/24 2.30 0.0250 2.50 ND 91.9 48-131 45-135 Ethylbenzene 2.39 0.0250 2.50 ND 95.4 100 48-130 Toluene 2.51 0.0250 2.50 ND 2.38 0.0250 2.50 ND 95.2 43-135 o-Xylene 4.82 ND 96.4 43-135 p,m-Xylene 0.0500 5.00 Total Xylenes 7.20 0.0250 7.50 ND 96.0 43-135 88.9 0.445 0.500 70-130 Surrogate: Bromofluorobenzene 0.508 0.500 102 70-130 Surrogate: 1,2-Dichloroethane-d4

0.500

2.50

2.50

2.50

2.50

5.00

7.50

0.500

0.500

0.500

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

0.484

2.25

2.32

2.42

2.29

4.67

6.95

0.440

0.518

0.481

70-130

48-131

45-135

48-130

43-135

43-135

43-135

70-130

70-130

70-130

2.13

2.72

3.86

4.07

3.18

3.48

96.8

89.9

92.8

96.6

91.4

93.3

92.7

87.9

104

Source: E405011-22

ND

ND

ND

ND

ND

ND



Prepared: 05/02/24 Analyzed: 05/03/24

23

27

24

27

27

27

Surrogate: Toluene-d8

Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: Toluene-d8

Surrogate: Bromofluorobenzene

Surrogate: 1,2-Dichloroethane-d4

Matrix Spike Dup (2418105-MSD1)

### **QC Summary Data**

Matador Resources, LLC. Project Name: Jack Sleeper Booster Station Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 Dallas TX, 75240 Project Manager: Ashley Giovengo 5/8/2024 10:28:24AM

	Nonl	nalogenated (	Organics l	by EPA 801	15D - Gl	RO			Analyst: RAS	
2	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2418105-BLK1)							Prepared: 0	5/02/24 Anal	yzed: 05/03/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.443		0.500		88.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.7	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.3	70-130			
LCS (2418105-BS2)							Prepared: 0	5/02/24 Anal	yzed: 05/03/24
Gasoline Range Organics (C6-C10)	56.2	20.0	50.0		112	70-130			
Surrogate: Bromofluorobenzene	0.441		0.500		88.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.509		0.500		102	70-130			
Surrogate: Toluene-d8	0.496		0.500		99.2	70-130			
Matrix Spike (2418105-MS2)				Source:	E405011-2	22	Prepared: 0	5/02/24 Anal	yzed: 05/03/24
Gasoline Range Organics (C6-C10)	56.7	20.0	50.0	ND	113	70-130			
Surrogate: Bromofluorobenzene	0.449		0.500		89.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		100	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.5	70-130			
Matrix Spike Dup (2418105-MSD2)				Source:	E405011-2	22	Prepared: 0	5/02/24 Anal	yzed: 05/03/24
Gasoline Range Organics (C6-C10)	54.9	20.0	50.0	ND	110	70-130	3.25	20	
Surrogate: Bromofluorobenzene	0.442		0.500		88.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		98.0	70-130			
Surrogate: Toluene-d8	0.488		0.500		97.6	70-130			



# **QC Summary Data**

Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/8/2024 10:28:24AM

Dallas TX, 75240		Project Manager	r: As	hley Gioveng	go				5/8/2024 10:28:24AN
	Nonha	logenated Or	ganics by l	EPA 8015I	) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2418131-BLK1)							Prepared: 0	5/03/24 Ar	nalyzed: 05/03/24
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	39.7		50.0		79.5	50-200			
LCS (2418131-BS1)							Prepared: 0	5/03/24 Ar	nalyzed: 05/03/24
Diesel Range Organics (C10-C28)	241	25.0	250		96.6	38-132			
urrogate: n-Nonane	41.1		50.0		82.2	50-200			
Matrix Spike (2418131-MS1)				Source:	E405014-0	05	Prepared: 0	5/03/24 Ar	nalyzed: 05/03/24
Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.9	38-132			
urrogate: n-Nonane	41.4		50.0		82.9	50-200			
Matrix Spike Dup (2418131-MSD1)				Source:	E405014-	05	Prepared: 0	5/03/24 Ar	nalyzed: 05/03/24
Diesel Range Organics (C10-C28)	250	25.0	250	ND	100	38-132	1.07	20	
urrogate: n-Nonane	40.7		50.0		81.4	50-200			

Matrix Spike Dup (2418128-MSD1)

Chloride

### **QC Summary Data**

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number Project Manager	: :	Jack Sleeper Bo 23003-0002 Ashley Gioveng		on			<b>Reported:</b> 5/8/2024 10:28:24AM
		Anions	by EPA	300.0/9056	4				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 (2418128-BLK1)							Prepared: 0	5/03/24 A	.nalyzed: 05/04/24
Chloride	ND	20.0							
LCS (2418128-BS1)							Prepared: 0	5/03/24 A	nalyzed: 05/04/24
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2418128-MS1)				Source:	E405014-	05	Prepared: 0	5/03/24 A	nalyzed: 05/04/24
Chloride	261	20.0	250	ND	104	80-120			

250

20.0

Source: E405014-05

104

80-120

0.260

#### 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: 05/03/24 Analyzed: 05/04/24

20

### **Definitions and Notes**

Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo05/08/24 10:28

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.



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lient: N	Matador Prod	luction C	ompany		- 1	Bill To				Lab U	se Or	nlv				Т	AT		FPA P	rogram			
	Jack Sleepe				Att	Attention: Ensolum LLC									Num	ber	1D	2D			andard	CWA	SDW
roject N	Manager: As	hley Giov	engo			dress: on file		E40	501	4			2000					х					
ddress:	3122 Natio	nal Parks	Hwy		Cit	ry, State, Zip:	7						nd Meth							RCR			
	te, Zip: Carls		88220		Ph	one: 575-988-0055		by															
	575-988-005				Em	nail: agiovengo@ensolum.com		88							1				State				
	giovengo@e	nsolum.c	om		-			RO/	17	0		0.0		Σ		×		NM CO	UT AZ	TX			
eport d	ue by:							0/0	08 >	826	601	le 30	H		1			×					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	TPH GRO/DRO/ORO by	8015 BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	тсео трн	BGDOC		GDOC			Remarks				
11:45	4/30/2024	Soil	1			FS06 -3'	1							х									
11:46	4/30/2024	Soil	1			FS07 - 2.5'	2							х									
11:47	4/30/2024	Soil	1			FS08 - 2'	3							х									
11:49	4/30/2024	Soil	1			FS09 - 2'	4							х									
11:50	4/30/2024	Soil	1			FS10 - 2'	5							х									
11:53	4/30/2024	Soil	1			FS11 - 2'	6							х									
11:55	4/30/2024	Soil	1			FS12 - 2'	7							х									
11:57	4/30/2024	Soil	1			FS13 - 2'	8							х									
12:00	4/30/2024	Solid	1			FS14 - 2'	9							х									
ddition	al Instructio	ns: Plea	ase CC: cl	burton@ens	olum.com	n, agiovengo@ensolum.com, cha	milton@e	ensolun	n.con	n, iest	rella	@ens	olum.c	om									
	pler), attest to the					hat tampering with or intentionally mislabelli Sampled by:	ng the sample	location,										on ice the day an 6 °C on subse		pled or			
elinquishe	ed by: (Signatur	e)	Date 5/	1/24 Tim	8:25	Regeived by: (Signature) Michelle Gonzales	Date 5-1-2	f Tim	82	5	Rece	eived	on ice:	1	U da_	se Or	nly						
10	ed by: (Signature	e) ansali	Date 5-	1-24 Tim	710	Received by: (Signature)	5.1.2	Tim			T1			T2				T3					
elinquishe	ed by: (Signatur	e) 0	Date	1.24 Tim	.330	Received by: (Signature)	5/2/3	Tim	531					1									

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: 5/3/2024 12:04:14PM

### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

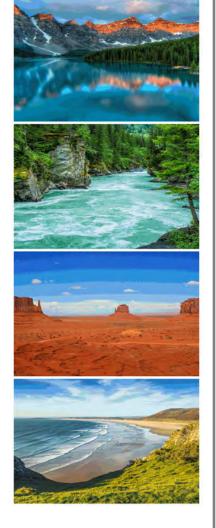
Instructions: Please take note of any NO checkmarks.

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:	05/02/24	05:30		Work Order ID:	E405014
Phone:	(972) 371-5200	Date Logged In:	05/02/24	07:14		Logged In By:	Angelina Pineda
Email:	agiovngo@ensolum.com	Due Date:		17:00 (4 day TAT)			<i>g.</i>
Chain of	Custody (COC)						
1. Does t	he sample ID match the COC?		Yes				
2. Does t	he number of samples per sampling site location mate	ch the COC	Yes				
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: C	Courier		
4. Was th	e COC complete, i.e., signatures, dates/times, request	ted analyses?	Yes	<u> </u>	<u> </u>		
5. Were a	all samples received within holding time?	•	Yes				
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssio					Comments	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				
11. If yes	, were custody/security seals intact?		NA				
	ne sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling	received w/i 15	Yes				
	visible ice, record the temperature. Actual sample	temperature: 4°0	<u>C</u>				
	<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				
	a 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	ers collected?	Yes				
Field La							
	field sample labels filled out with the minimum informample ID?	mation:	Yes				
	Pate/Time Collected?		Yes				
	Collectors name?		Yes				
Sample I	Preservation		100				
	the COC or field labels indicate the samples were pro	eserved?	No				
22. Are s	ample(s) correctly preserved?		NA				
	filteration required and/or requested for dissolved me	etals?	No				
Multipha	ase Sample Matrix						
	the sample have more than one phase, i.e., multiphas	e?	No				
	, does the COC specify which phase(s) is to be analyst		NA				
			1421				
	ract Laboratory	2	3.7				
	amples required to get sent to a subcontract laborator	-	No				
29. Was a	a subcontract laboratory specified by the client and if	so who?	NA	Subcontract Lab	o: NA		
Client In	<u>nstruction</u>						
							1

Date

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

Practical Solutions for a Better Tomorrow

# **Analytical Report**

Matador Resources, LLC.

Project Name: Jack Sleeper Booster Station

Work Order: E405033

Job Number: 23003-0002

Received: 5/4/2024

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 5/8/24

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

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

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

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

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

Date Reported: 5/8/24

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

Project Name: Jack Sleeper Booster Station

Workorder: E405033

Date Received: 5/4/2024 7:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/4/2024 7:15:00AM, under the Project Name: Jack Sleeper Booster Station.

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

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

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# Sample Summary

Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	Donoutoda	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	05/08/24 16:44	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS17-2'	E405033-01A	Soil	05/02/24	05/13/24	Glass Jar, 2 oz.
FS18-2'	E405033-02A	Soil	05/02/24	05/13/24	Glass Jar, 2 oz.
FS19-2'	E405033-03A	Soil	05/02/24	05/13/24	Glass Jar, 2 oz.
FS20-2'	E405033-04A	Soil	05/02/24	05/13/24	Glass Jar, 2 oz.
FS21-2'	E405033-05A	Soil	05/02/24	05/13/24	Glass Jar, 2 oz.
FS22-2'	E405033-06A	Soil	05/02/24	05/13/24	Glass Jar, 2 oz.
FS23-2'	E405033-07A	Soil	05/02/24	05/13/24	Glass Jar, 2 oz.
FS24-1'	E405033-08A	Soil	05/02/24	05/13/24	Glass Jar, 2 oz.
FS25-1'	E405033-09A	Soil	05/02/24	05/13/24	Glass Jar, 2 oz.
FS26-1'	E405033-10A	Soil	05/02/24	05/13/24	Glass Jar, 2 oz.
FS27-2'	E405033-11A	Soil	05/02/24	05/13/24	Glass Jar, 2 oz.
FS28-2'	E405033-12A	Soil	05/02/24	05/13/24	Glass Jar, 2 oz.
FS29-2'	E405033-13A	Soil	05/02/24	05/13/24	Glass Jar, 2 oz.
FS30-2'	E405033-14A	Soil	05/02/24	05/13/24	Glass Jar, 2 oz.

Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/8/2024 4:44:01PM

### FS17-2' E405033-01

		E405033-01				
	D. Iv	Reporting		D 1		N.
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: EG		Batch: 2419004
Benzene	ND	0.0250	1	05/05/24	05/05/24	
Ethylbenzene	ND	0.0250	1	05/05/24	05/05/24	
Toluene	ND	0.0250	1	05/05/24	05/05/24	
p-Xylene	ND	0.0250	1	05/05/24	05/05/24	
o,m-Xylene	ND	0.0500	1	05/05/24	05/05/24	
Total Xylenes	ND	0.0250	1	05/05/24	05/05/24	
Surrogate: 4-Bromochlorobenzene-PID		94.0 %	70-130	05/05/24	05/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: EG		Batch: 2419004
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/24	05/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.4 %	70-130	05/05/24	05/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2419013
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/24	05/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/24	05/07/24	
Surrogate: n-Nonane		107 %	50-200	05/06/24	05/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2419046
Chloride	83.6	20.0	1	05/06/24	05/06/24	

Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/8/2024 4:44:01PM

#### FS18-2'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: EG		Batch: 2419004
Benzene	ND	0.0250	1	05/05/24	05/05/24	
Ethylbenzene	ND	0.0250	1	05/05/24	05/05/24	
Toluene	ND	0.0250	1	05/05/24	05/05/24	
o-Xylene	ND	0.0250	1	05/05/24	05/05/24	
p,m-Xylene	ND	0.0500	1	05/05/24	05/05/24	
Total Xylenes	ND	0.0250	1	05/05/24	05/05/24	
Surrogate: 4-Bromochlorobenzene-PID		92.5 %	70-130	05/05/24	05/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: EG		Batch: 2419004
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/24	05/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.3 %	70-130	05/05/24	05/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: KM		Batch: 2419013
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/24	05/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/24	05/07/24	
Surrogate: n-Nonane		107 %	50-200	05/06/24	05/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2419046
Chloride	30.7	20.0	1	05/06/24	05/06/24	•



Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/8/2024 4:44:01PM

#### FS19-2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: EG		Batch: 2419004
Benzene	ND	0.0250	1	05/05/24	05/05/24	
Ethylbenzene	ND	0.0250	1	05/05/24	05/05/24	
Toluene	ND	0.0250	1	05/05/24	05/05/24	
o-Xylene	ND	0.0250	1	05/05/24	05/05/24	
p,m-Xylene	ND	0.0500	1	05/05/24	05/05/24	
Total Xylenes	ND	0.0250	1	05/05/24	05/05/24	
Surrogate: 4-Bromochlorobenzene-PID		93.5 %	70-130	05/05/24	05/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: EG		Batch: 2419004
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/24	05/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.8 %	70-130	05/05/24	05/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KM		Batch: 2419013
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/24	05/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/24	05/07/24	
Surrogate: n-Nonane		106 %	50-200	05/06/24	05/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2419046
Chloride	40.9	20.0	1	05/06/24	05/06/24	



Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/8/2024 4:44:01PM

#### FS20-2'

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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: EG		Batch: 2419004
Benzene	ND	0.0250	1	05/05/24	05/05/24	
Ethylbenzene	ND	0.0250	1	05/05/24	05/05/24	
Toluene	ND	0.0250	1	05/05/24	05/05/24	
o-Xylene	ND	0.0250	1	05/05/24	05/05/24	
p,m-Xylene	ND	0.0500	1	05/05/24	05/05/24	
Total Xylenes	ND	0.0250	1	05/05/24	05/05/24	
Surrogate: 4-Bromochlorobenzene-PID		92.9 %	70-130	05/05/24	05/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: EG		Batch: 2419004
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/24	05/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.4 %	70-130	05/05/24	05/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KM		Batch: 2419013
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/24	05/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/24	05/07/24	
Surrogate: n-Nonane		105 %	50-200	05/06/24	05/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: IY		Batch: 2419046
Chloride	84.6	20.0	1	05/06/24	05/06/24	



Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/8/2024 4:44:01PM

### FS21-2' E405033-05

Notes
Batch: 2419004
Batch: 2419004
Batch: 2419013
Batch: 2419046
4 4 4



Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/8/2024 4:44:01PM

#### FS22-2'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: EG		Batch: 2419004
Benzene	ND	0.0250	1	05/05/24	05/05/24	
Ethylbenzene	ND	0.0250	1	05/05/24	05/05/24	
Toluene	ND	0.0250	1	05/05/24	05/05/24	
o-Xylene	ND	0.0250	1	05/05/24	05/05/24	
p,m-Xylene	ND	0.0500	1	05/05/24	05/05/24	
Total Xylenes	ND	0.0250	1	05/05/24	05/05/24	
Surrogate: 4-Bromochlorobenzene-PID		93.3 %	70-130	05/05/24	05/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: EG		Batch: 2419004
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/24	05/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.5 %	70-130	05/05/24	05/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: KM		Batch: 2419013
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/24	05/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/24	05/07/24	
Surrogate: n-Nonane		106 %	50-200	05/06/24	05/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2419046
· · · · · · · · · · · · · · · · · · ·	199	20.0		05/06/24	05/06/24	



Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/8/2024 4:44:01PM

#### FS23-2'

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		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: EG		Batch: 2419004
Benzene	ND	0.0250	1	05/05/24	05/05/24	
Ethylbenzene	ND	0.0250	1	05/05/24	05/05/24	
Toluene	ND	0.0250	1	05/05/24	05/05/24	
o-Xylene	ND	0.0250	1	05/05/24	05/05/24	
p,m-Xylene	ND	0.0500	1	05/05/24	05/05/24	
Total Xylenes	ND	0.0250	1	05/05/24	05/05/24	
Surrogate: 4-Bromochlorobenzene-PID		93.7 %	70-130	05/05/24	05/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: EG		Batch: 2419004
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/24	05/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.5 %	70-130	05/05/24	05/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: KM		Batch: 2419013
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/24	05/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/24	05/07/24	
Surrogate: n-Nonane		105 %	50-200	05/06/24	05/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2419046
Chloride	68.8	20.0	1	05/06/24	05/06/24	<del></del>



Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/8/2024 4:44:01PM

#### FS24-1'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: EG		Batch: 2419004
Benzene	ND	0.0250	1	05/05/24	05/05/24	
Ethylbenzene	ND	0.0250	1	05/05/24	05/05/24	
Toluene	ND	0.0250	1	05/05/24	05/05/24	
o-Xylene	ND	0.0250	1	05/05/24	05/05/24	
p,m-Xylene	ND	0.0500	1	05/05/24	05/05/24	
Total Xylenes	ND	0.0250	1	05/05/24	05/05/24	
Surrogate: 4-Bromochlorobenzene-PID		94.2 %	70-130	05/05/24	05/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: EG		Batch: 2419004
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/24	05/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.5 %	70-130	05/05/24	05/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2419013
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/24	05/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/24	05/07/24	
Surrogate: n-Nonane		109 %	50-200	05/06/24	05/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2419046
Chloride	46.7	20.0	1	05/06/24	05/06/24	



Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/8/2024 4:44:01PM

### FS25-1'

E405033-09						
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: EG		Batch: 2419004
Benzene	ND	0.0250	1	05/05/24	05/06/24	
Ethylbenzene	ND	0.0250	1	05/05/24	05/06/24	
Toluene	ND	0.0250	1	05/05/24	05/06/24	
o-Xylene	ND	0.0250	1	05/05/24	05/06/24	
p,m-Xylene	ND	0.0500	1	05/05/24	05/06/24	
Total Xylenes	ND	0.0250	1	05/05/24	05/06/24	
Surrogate: 4-Bromochlorobenzene-PID		92.4 %	70-130	05/05/24	05/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: EG		Batch: 2419004
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/24	05/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.0 %	70-130	05/05/24	05/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2419013
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/24	05/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/24	05/07/24	
Surrogate: n-Nonane		102 %	50-200	05/06/24	05/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2419046
Chloride	26.2	20.0	1	05/06/24	05/06/24	



Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/8/2024 4:44:01PM

### FS26-1' E405033-10

		E403033-10				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: EG		Batch: 2419004
Benzene	ND	0.0250	1	05/05/24	05/06/24	
Ethylbenzene	ND	0.0250	1	05/05/24	05/06/24	
Toluene	ND	0.0250	1	05/05/24	05/06/24	
o-Xylene	ND	0.0250	1	05/05/24	05/06/24	
o,m-Xylene	ND	0.0500	1	05/05/24	05/06/24	
Total Xylenes	ND	0.0250	1	05/05/24	05/06/24	
Surrogate: 4-Bromochlorobenzene-PID		94.3 %	70-130	05/05/24	05/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: EG		Batch: 2419004
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/24	05/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.6 %	70-130	05/05/24	05/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2419013
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/24	05/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/24	05/07/24	
Surrogate: n-Nonane		105 %	50-200	05/06/24	05/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2419046
Chloride	57.9	20.0	1	05/06/24	05/06/24	



Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/8/2024 4:44:01PM

#### FS27-2'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: EG		Batch: 2419004
Benzene	ND	0.0250	1	05/05/24	05/06/24	
Ethylbenzene	ND	0.0250	1	05/05/24	05/06/24	
Toluene	ND	0.0250	1	05/05/24	05/06/24	
o-Xylene	ND	0.0250	1	05/05/24	05/06/24	
p,m-Xylene	ND	0.0500	1	05/05/24	05/06/24	
Total Xylenes	ND	0.0250	1	05/05/24	05/06/24	
Surrogate: 4-Bromochlorobenzene-PID		94.2 %	70-130	05/05/24	05/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: EG		Batch: 2419004
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/24	05/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.6 %	70-130	05/05/24	05/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: KM		Batch: 2419013
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/24	05/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/24	05/07/24	
Surrogate: n-Nonane		107 %	50-200	05/06/24	05/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2419046
Chloride	23.5	20.0	1	05/06/24	05/06/24	



Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/8/2024 4:44:01PM

#### FS28-2'

		ъ .				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: EG		Batch: 2419004
Benzene	ND	0.0250	1	05/05/24	05/06/24	
Ethylbenzene	ND	0.0250	1	05/05/24	05/06/24	
Toluene	ND	0.0250	1	05/05/24	05/06/24	
o-Xylene	ND	0.0250	1	05/05/24	05/06/24	
p,m-Xylene	ND	0.0500	1	05/05/24	05/06/24	
Total Xylenes	ND	0.0250	1	05/05/24	05/06/24	
Surrogate: 4-Bromochlorobenzene-PID		93.9 %	70-130	05/05/24	05/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: EG		Batch: 2419004
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/24	05/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.7 %	70-130	05/05/24	05/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KM		Batch: 2419013
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/24	05/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/24	05/07/24	
Surrogate: n-Nonane		108 %	50-200	05/06/24	05/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2419046
	36.7	20.0		05/06/24	05/06/24	-



Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/8/2024 4:44:01PM

#### FS29-2'

Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: EG		Batch: 2419004
ND	0.0250	1	05/05/24	05/06/24	
ND	0.0250	1	05/05/24	05/06/24	
ND	0.0250	1	05/05/24	05/06/24	
ND	0.0250	1	05/05/24	05/06/24	
ND	0.0500	1	05/05/24	05/06/24	
ND	0.0250	1	05/05/24	05/06/24	
	93.5 %	70-130	05/05/24	05/06/24	
mg/kg	mg/kg	Ana	lyst: EG		Batch: 2419004
ND	20.0	1	05/05/24	05/06/24	
	89.3 %	70-130	05/05/24	05/06/24	
mg/kg	mg/kg	Ana	lyst: KM		Batch: 2419013
ND	25.0	1	05/06/24	05/07/24	
ND	50.0	1	05/06/24	05/07/24	
	104 %	50-200	05/06/24	05/07/24	
mg/kg	mg/kg	Ana	lyst: IY		Batch: 2419046
	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           89.3 %         mg/kg           ND         25.0           ND         50.0	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           93.5 %         70-130           mg/kg         mg/kg         Ana           ND         20.0         1           89.3 %         70-130           mg/kg         mg/kg         Ana           ND         25.0         1           ND         50.0         1	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: EG           ND         0.0250         1         05/05/24           ND         0.0250         1         05/05/24           ND         0.0250         1         05/05/24           ND         0.0250         1         05/05/24           ND         0.0500         1         05/05/24           ND         0.0250         1         05/05/24           MD         0.0250         1         05/05/24           mg/kg         mg/kg         Analyst: EG           ND         20.0         1         05/05/24           89.3 %         70-130         05/05/24           mg/kg         mg/kg         Analyst: KM           ND         25.0         1         05/06/24           ND         50.0         1         05/06/24	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: EG           ND         0.0250         1         05/05/24         05/06/24           ND         0.0500         1         05/05/24         05/06/24           ND         0.0250         1         05/05/24         05/06/24           MD         0.0250         1         05/05/24         05/06/24           Mg/kg         mg/kg         Analyst: EG           ND         20.0         1         05/05/24         05/06/24           Mg/kg         Mg/kg         Analyst: KM           ND         25.0         1         05/06/24         05/07/24           ND         25.0         1         05/06/24         05/07/24           ND         50.0         1         05/06/24         05/07/24



Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/8/2024 4:44:01PM

#### FS30-2'

#### E405033-14

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: EG		Batch: 2419004
Benzene	ND	0.0250	1	05/05/24	05/06/24	
Ethylbenzene	ND	0.0250	1	05/05/24	05/06/24	
Toluene	ND	0.0250	1	05/05/24	05/06/24	
o-Xylene	ND	0.0250	1	05/05/24	05/06/24	
p,m-Xylene	ND	0.0500	1	05/05/24	05/06/24	
Total Xylenes	ND	0.0250	1	05/05/24	05/06/24	
Surrogate: 4-Bromochlorobenzene-PID		94.0 %	70-130	05/05/24	05/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: EG		Batch: 2419004
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/24	05/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.4 %	70-130	05/05/24	05/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2419013
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/24	05/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/24	05/07/24	
Surrogate: n-Nonane		98.7 %	50-200	05/06/24	05/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2419046
					05/07/24	



Jack Sleeper Booster Station Matador Resources, LLC. Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 Dallas TX, 75240 Project Manager: Ashley Giovengo 5/8/2024 4:44:01PM **Volatile Organics by EPA 8021B** Analyst: EG Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2419004-BLK1) Prepared: 05/05/24 Analyzed: 05/06/24 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 7.57 8.00 94.6 70-130 LCS (2419004-BS1) Prepared: 05/05/24 Analyzed: 05/05/24 4.88 97.5 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.71 0.0250 5.00 94.3 70-130 4.80 0.0250 5.00 96.0 70-130 Toluene o-Xylene 4.70 0.0250 5.00 94.1 70-130 9.58 10.0 95.8 70-130 0.0500 p.m-Xvlene 95.3 14.3 15.0 70-130 Total Xylenes 0.0250 8.00 92.7 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.41 Matrix Spike (2419004-MS1) Source: E405033-02 Prepared: 05/05/24 Analyzed: 05/05/24 5.05 0.0250 5.00 ND 54-133 Benzene ND 61-133 Ethylbenzene 4.88 0.0250 5.00 97.6 Toluene 4.97 0.0250 5.00 ND 99.4 61-130 ND 97.2 63-131 4.86 5.00 0.0250 o-Xylene p,m-Xylene 9.89 0.0500 10.0 ND 98.9 63-131 14.8 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.30 8.00 Matrix Spike Dup (2419004-MSD1) Source: E405033-02 Prepared: 05/05/24 Analyzed: 05/05/24 4.90 0.0250 5.00 ND 54-133 2.99

61-133

61-130

63-131

63-131

63-131

70-130

2.88

2 94

2.50

2.77

2.68

20

20

20

20

20

4.74

4 83

4.74

9.62

14.4

7.40

0.0250

0.0250

0.0250

0.0500

0.0250

5.00

5.00

5.00

10.0

15.0

8.00

ND

ND

ND

ND

ND

94.8

96.5

94.8

96.2

95.7

92.5



Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

# **QC Summary Data**

Jack Sleeper Booster Station Matador Resources, LLC. Project Name: Reported: Project Number: 23003-0002 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 Project Manager: Ashley Giovengo 5/8/2024 4:44:01PM

	Nonhalogenated Organics by EPA 8015D - GRO Analyst: EG						Analyst: EG		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2419004-BLK1)							Prepared: 0	5/05/24 Anal	lyzed: 05/06/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.17		8.00		89.6	70-130			

LCS (2419004-BS2)						Prepared: 05/05/24 Analyzed: 05/05/24
Gasoline Range Organics (C6-C10)	46.5	20.0	50.0	93.0	70-130	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.21		8.00	90.1	70-130	
Matrix Spike (2419004-MS2)				Source: E405033-02		Prepared: 05/05/24 Analyzed: 05/05/24

Gasoline Range Organics (C6-C10)	47.1	20.0	50.0	ND	94.2	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.21		8.00		90.1	70-130				
Matrix Spike Dup (2419004-MSD2)				Source:	E405033-0	2	Prepared: 05	5/05/24 An	alyzed: 05/05/2	4
Matrix Spike Dup (2419004-MSD2) Gasoline Range Organics (C6-C10)	46.4	20.0	50.0	Source:	<b>E405033-0</b> 92.7	70-130	Prepared: 05	5/05/24 Ans	alyzed: 05/05/2	4

Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	_
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/8/2024 4:44:01PM

			3/8/2024 4.44.01FW
PRO/ORO			Analyst: KM
Rec ec Limits	RPD	RPD Limit	
% %	%	%	Notes
	Prepared: (	)5/06/24 A	nalyzed: 05/07/24
11 50-200			
	Prepared: 0	05/06/24 A	nalyzed: 05/07/24
04 38-132			
12 50-200			
5033-07	Prepared: 0	05/06/24 A	nalyzed: 05/07/24
04 38-132			
15 50-200			
5033-07	Prepared: (	05/06/24 A	nalyzed: 05/07/24
07 38-132	2.10	20	
044 1125 115	Rec Limits %  50-200  4 38-132 2 50-200  933-07 4 38-132 5 50-200	Rec Limits RPD % %  Prepared: (  50-200  Prepared: (  4 38-132 2 50-200  33-07  Prepared: (  4 38-132 5 50-200	Prepared: 05/06/24 A  38-132 2 50-200  Prepared: 05/06/24 A  4 38-132 5 50-200  Prepared: 05/06/24 A  4 38-132 5 50-200

LCS Dup (2419046-BSD1)

Chloride

Analyst: IY

Prepared: 05/06/24 Analyzed: 05/06/24

20

# **QC Summary Data**

Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	-
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/8/2024 4:44:01PM

Anions by EPA 300.0/9056A

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2419046-BLK1)							Prepared: 0	5/06/24 Analy	yzed: 05/06/24
Chloride	ND	20.0							
LCS (2419046-BS1)							Prepared: 0	5/06/24 Analy	yzed: 05/06/24
Chloride	250	20.0	250		100	90-110			

250

20.0

100

90-110

0.343

251

#### 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:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	05/08/24 16:44

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.

Phone: 575-988-0055

Report due by:

Time

Sampled

12:21

12:22

12:23

13:04

13:06

13:08

13:10

13:12

13:45

13:47

Client: Matador Production Company

Project Manager: Ashley Giovengo

Address: 3122 National Parks Hwy

mail: agiovengo@ensolum.com

Date Sampled

5/2/2024

5/2/2024

5/2/2024

5/2/2024

5/2/2024

5/2/2024

5/2/2024

5/2/2024

5/2/2024

5/2/2024

City, State, Zip: Carlsbad NM, 88220

No. of

Containers

1

1

1

1

1

1

1

1

1

1

Sample ID

Matrix

Soil

Project: Jack Sleeper Booster Station

Lab

Number

0

8

Lab Use Only

Job Number

Chloride 300.0

TCEQ TPH

Metals 6010

23003-0002

Analysis and Method

Lab WO#

E405033

TPH GRO/DRO/ORO by 8015

BTEX by 8021 VOC by 8260 TAT

×

Standard

1D 2D 3D

Σ

BGDOC

X

X

X

X

X

X

X

X

X

Bill To

Attention: Ensolum LLC

Phone: 575-988-0055

Email: agiovengo@ensolum.com

Address: on file

City, State, Zip:

FS17 - 2'

FS18 - 2'

FS19 - 2'

FS20 - 2'

FS21 - 2'

FS22 - 2'

FS23 - 2'

FS24 - 1'

FS25 - 1'

FS26 - 1'

**EPA Program** 

SDWA

**RCRA** 

**CWA** 

State

Remarks

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Additional Instructions: Plea	ase CC: cburton@	ensolum.com	, agiovengo@ensolum.com, c	hamilton@enso	olum.com, ies	trella@ensolum.	com		
, (field sampler), attest to the validity an			hat tampering with or intentionally misla Sampled by:	belling the sample loo	cation,				ed on ice the day they are sampled o that $6^{\circ}$ C on subsequent days.
Relinquished by: (Signature)	Date 5/3/24	Time 9:40	Received by: (Signature)	Date /3/20	Time / 1000	Received on ice	-	Use Only N	
Relinquished by (Signature)	6 Bate 5/3/24	Time 1790	Received by: (Signature)	5.3.1L	Time	T1	T2	55	Т3
Relinquished by: (Signature)	5.3.24	Time	Received by: (Signature)	5 4 V	Time	AVG Temp °C	4		
Sample Matrix: S - Soil, Sd - Solid, Sg - Slu	dge, A - Aqueous, O - Ot	her		Container Tyr	pe: g - glass, p -	poly/plastic, ag - a	mber glass	, v - VOA	
			r arrangements are made. Hazardo				client expe	nse. The re	port for the analysis of the a



e client expense. The report for the analysis of the above

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	116

:: Matador Production Company ct: Jack Sleeper Booster Station ct Manager: Ashley Giovengo  Bill To Attention: Ensolum LLC Address: on file		1		lah!!	COOR	211/		1		TA	T	EDAF	No avove
		Lab W	_	Lab U	Job		her	1D	lan I	3D	Standard	CWA	rogram
ridaress. On the		EH		133			3-0002		20	30	X	CVVA	SUVA
ess: 3122 National Parks Hwy City, State, Zip:						_	nd Method				^	1	RCRA
State, Zip: Carlsbad NM, 88220 Phone: 575-988-0055		2			1								1,0,0,0
e: 575-988-0055 Email: agiovengo@ensolum.co	om	ORC										State	
: agiovengo@ensolum.com		RO/C	1 2		_	0.0		ΣN			NM C	UT AZ	TX
t due by:		0/0	. 802	826	6010	e 30	표			¥	×		
Date Sampled Matrix No. of Containers Sample ID	Lab Number	TPH GR	8015 BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	тсед трн	верос		GDOC		Remark	S
9 5/2/2024 Soil 1 FS27 - 2'	11							х					Program SDWA RCRA
1 5/2/2024 Soil 1 FS28 - 2'	12							х					
3 5/2/2024 Soil 1 FS29 - 2'	13					7		х					
5 5/2/2024 Soil 1 FS30 - 2'	14							х					
	11		4										
ional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com,	, chamilton@d	ensolun	n.com	, iestr	rella@	ens	solum.con	n					
sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mittime of collection is considered fraud and may be grounds for legal action.  Sampled.by:	and many the profession.	le location	١,								eived on ice the da		pled or
ished by: (Signature) Date Time Received by: (Signature)	and Date	, TII	ne 190	0	Rece	eiver	on ice:		b Use	e Onl	У		
pished by: (Signature) Jack Date 5/3/24 1700 Received by: (Signature)	Date 5.3.1		190		T1		office.	T2	٠		<u></u>		
Date Time Received by: (Signature) 5:3:74 7400 Received by: (Signature)	Date	U Tir			AVG	Ten	np °C	1			7 - 12		



Printed: 5/6/2024 5:38:43PM

#### **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:	05/04/24	07:15	Work Order ID:	E405033
Phone:	(972) 371-5200	Date Logged In:	05/03/24	13:47	Logged In By:	Keyliegh Hall
Email:	agiovngo@ensolum.com	Due Date:	05/10/24	17:00 (4 day TAT)		
<b>CI</b> .	10 11 (000)					
	f Custody (COC)		37			
	he sample ID match the COC?  he number of samples per sampling site location mat	ch the COC	Yes			
	samples dropped off by client or carrier?	en inc coc	Yes	0 . 0 .		
	ne COC complete, i.e., signatures, dates/times, reques	ted analyses?	Yes Yes	Carrier: Courier		
	all samples received within holding time?	ica anaryses:	Yes			
J. Wele	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion		103		Comment	ts/Resolution
	<u> Turn Around Time (TAT)</u>					
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample						
	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	ne sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If yes	s, were custody/security seals intact?		NA			
	ne sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes <u>C</u>			
Sample	Container_					
	iqueous VOC samples present?		No			
	VOC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	non-VOC samples collected in the correct containers?	•	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field La						
	field sample labels filled out with the minimum info	rmation:				
	Sample ID?		Yes			
	Date/Time Collected?		Yes			
	Collectors name?		Yes			
	Preservation					
	the COC or field labels indicate the samples were pr	eserved?	No			
	sample(s) correctly preserved?		NA			
24. Is lat	o filteration required and/or requested for dissolved m	etals?	No			
	ase Sample Matrix					
	the sample have more than one phase, i.e., multiphas		No			
27. If ye	s, does the COC specify which phase(s) is to be analy	zed?	NA			
Subcont	ract Laboratory					
28. Are s	samples required to get sent to a subcontract laborator	y?	No			
	a subcontract laboratory specified by the client and if		NA	Subcontract Lab: NA		
Client I	nstruction .					
<u>Chent i</u>	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





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Practical Solutions for a Better Tomorrow

# **Analytical Report**

Matador Resources, LLC.

Project Name: Jack Sleeper Booster Station

Work Order: E405085

Job Number: 23003-0002

Received: 5/7/2024

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 5/14/24

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

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

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

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

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

Date Reported: 5/14/24

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

Project Name: Jack Sleeper Booster Station

Workorder: E405085

Date Received: 5/7/2024 5:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/7/2024 5:00:00AM, under the Project Name: Jack Sleeper Booster Station.

The analytical test results summarized in this report with the Project Name: Jack Sleeper Booster Station 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

**Alexa Michaels** 

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

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Lynn Jarboe

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Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Golzales

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

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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# **Sample Summary**

Γ	Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	Donoutode
l	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
l	Dallas TX, 75240	Project Manager:	Ashley Giovengo	05/14/24 10:31

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS31-2'	E405085-01A	Soil	05/03/24	05/07/24	Glass Jar, 2 oz.
FS32 -3'	E405085-02A	Soil	05/03/24	05/07/24	Glass Jar, 2 oz.
FS33 -3'	E405085-03A	Soil	05/03/24	05/07/24	Glass Jar, 2 oz.
FS34 -3'	E405085-04A	Soil	05/03/24	05/07/24	Glass Jar, 2 oz.
FS35 -3'	E405085-05A	Soil	05/03/24	05/07/24	Glass Jar, 2 oz.
FS36 -3'	E405085-06A	Soil	05/03/24	05/07/24	Glass Jar, 2 oz.
FS37 -3'	E405085-07A	Soil	05/03/24	05/07/24	Glass Jar, 2 oz.
FS38 -3'	E405085-08A	Soil	05/03/24	05/07/24	Glass Jar, 2 oz.
FS39 -3'	E405085-09A	Soil	05/03/24	05/07/24	Glass Jar, 2 oz.
FS40 -2'	E405085-10A	Soil	05/03/24	05/07/24	Glass Jar, 2 oz.
FS41 -2'	E405085-11A	Soil	05/03/24	05/07/24	Glass Jar, 2 oz.
FS42 -3'	E405085-12A	Soil	05/03/24	05/07/24	Glass Jar, 2 oz.
FS15 -2.5	E405085-13A	Soil	05/03/24	05/07/24	Glass Jar, 2 oz.
FS17 -2.5	E405085-14A	Soil	05/03/24	05/07/24	Glass Jar, 2 oz.

Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/14/2024 10:31:27AM

### FS31-2' E405085-01

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst:	RAS		Batch: 2419063
Benzene	ND	0.0250	1		05/07/24	05/11/24	
Ethylbenzene	ND	0.0250	1		05/07/24	05/11/24	
Toluene	ND	0.0250	1		05/07/24	05/11/24	
o-Xylene	ND	0.0250	1		05/07/24	05/11/24	
p,m-Xylene	ND	0.0500	1		05/07/24	05/11/24	
Total Xylenes	ND	0.0250	1		05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		105 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		103 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg Analyst: R		RAS		Batch: 2419063	
Gasoline Range Organics (C6-C10)	ND	20.0	1		05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		105 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		103 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM				Batch: 2419152
Diesel Range Organics (C10-C28)	ND	25.0	1		05/09/24	05/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	Į.	05/09/24	05/12/24	
Surrogate: n-Nonane		98.4 %	50-200		05/09/24	05/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst:	IY		Batch: 2419201
Chloride	40.9	20.0	1		05/10/24	05/10/24	



Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo5/14/2024 10:31:27AM

#### FS32 -3' E405085-02

		1100000 02					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419063
Benzene	ND	0.0250		1	05/07/24	05/11/24	
Ethylbenzene	ND	0.0250		1	05/07/24	05/11/24	
Toluene	ND	0.0250		1	05/07/24	05/11/24	
o-Xylene	ND	0.0250		1	05/07/24	05/11/24	
p,m-Xylene	ND	0.0500		1	05/07/24	05/11/24	
Total Xylenes	ND	0.0250		1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		107 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		103 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419063
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		107 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		103 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419152
Diesel Range Organics (C10-C28)	ND	25.0		1	05/09/24	05/12/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/09/24	05/12/24	
Surrogate: n-Nonane		102 %	50-200	·	05/09/24	05/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2419201
Chloride	ND	20.0		1	05/10/24	05/10/24	



Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/14/2024 10:31:27AM

#### FS33 -3' E405085-03

		E403003-03					
	D 1	Reporting			D 1		M.
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: RA	.S		Batch: 2419063
Benzene	ND	0.0250	1		05/07/24	05/11/24	
Ethylbenzene	ND	0.0250	1		05/07/24	05/11/24	
Toluene	ND	0.0250	1		05/07/24	05/11/24	
o-Xylene	ND	0.0250	1		05/07/24	05/11/24	
p,m-Xylene	ND	0.0500	1		05/07/24	05/11/24	
Total Xylenes	ND	0.0250	1	ļ	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		110 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		103 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: RA	.S		Batch: 2419063
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		110 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		103 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: KN	1		Batch: 2419152
Diesel Range Organics (C10-C28)	ND	25.0	1		05/09/24	05/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	l	05/09/24	05/12/24	
Surrogate: n-Nonane		99.6 %	50-200		05/09/24	05/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: IY			Batch: 2419201
Chloride	222	20.0	1		05/10/24	05/10/24	

Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo5/14/2024 10:31:27AM

# FS34 -3'

		E405085-04					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419063
Benzene	ND	0.0250		1	05/07/24	05/11/24	
Ethylbenzene	ND	0.0250		1	05/07/24	05/11/24	
Toluene	ND	0.0250		1	05/07/24	05/11/24	
o-Xylene	ND	0.0250		1	05/07/24	05/11/24	
p,m-Xylene	ND	0.0500		1	05/07/24	05/11/24	
Total Xylenes	ND	0.0250		1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		102 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		102 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419063
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		102 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		102 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419152
Diesel Range Organics (C10-C28)	53.9	25.0		1	05/09/24	05/12/24	
Oil Range Organics (C28-C36)	162	50.0		1	05/09/24	05/12/24	
Surrogate: n-Nonane		102 %	50-200		05/09/24	05/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2419201
Chloride	371	20.0		1	05/10/24	05/10/24	



Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/14/2024 10:31:27AM

#### FS35 -3' E405085-05

Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
	mg/kg	mg/kg		Analyst	•	1 mary 2ea	Batch: 2419063
Volatile Organic Compounds by EPA 8260B  Benzene	ND	0.0250		1	05/07/24	05/11/24	Batch: 2417003
Ethylbenzene	ND	0.0250		1	05/07/24	05/11/24	
Toluene	ND	0.0250		1	05/07/24	05/11/24	
o-Xylene	ND	0.0250		1	05/07/24	05/11/24	
p,m-Xylene	ND	0.0500		1	05/07/24	05/11/24	
Total Xylenes	ND	0.0250		1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		104 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		103 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419063
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		104 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		103 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419152
Diesel Range Organics (C10-C28)	ND	25.0		1	05/09/24	05/12/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/09/24	05/12/24	
Surrogate: n-Nonane		99.3 %	50-200		05/09/24	05/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2419201
Chloride	44.8	20.0	•	1	05/10/24	05/10/24	



Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/14/2024 10:31:27AM

#### FS36 -3' E405085-06

		E403003-00					
Analyta	Result	Reporting Limit	D:1	ution	Duomonod	Analyzad	Notes
Analyte	Resuit	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2419063
Benzene	ND	0.0250		1	05/07/24	05/11/24	
Ethylbenzene	ND	0.0250		1	05/07/24	05/11/24	
Toluene	ND	0.0250		1	05/07/24	05/11/24	
o-Xylene	ND	0.0250		1	05/07/24	05/11/24	
p,m-Xylene	ND	0.0500		1	05/07/24	05/11/24	
Total Xylenes	ND	0.0250		1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		105 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		103 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419063
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		105 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		103 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2419152
Diesel Range Organics (C10-C28)	ND	25.0		1	05/09/24	05/12/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/09/24	05/12/24	
Surrogate: n-Nonane		103 %	50-200	·	05/09/24	05/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: IY		Batch: 2419201
Chloride	29.0	20.0	•	1	05/10/24	05/10/24	



Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo5/14/2024 10:31:27AM

#### FS37 -3' E405085-07

		/					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	RAS		Batch: 2419063
Benzene	ND	0.0250	1	1	05/07/24	05/11/24	
Ethylbenzene	ND	0.0250	1	1	05/07/24	05/11/24	
Toluene	ND	0.0250	1	1	05/07/24	05/11/24	
o-Xylene	ND	0.0250	1	1	05/07/24	05/11/24	
p,m-Xylene	ND	0.0500	1	1	05/07/24	05/11/24	
Total Xylenes	ND	0.0250	1	1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		108 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		105 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: I	RAS		Batch: 2419063
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		108 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		105 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	-	Analyst: I	ζM		Batch: 2419152
Diesel Range Organics (C10-C28)	ND	25.0	1	1	05/09/24	05/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	05/09/24	05/12/24	
Surrogate: n-Nonane		100 %	50-200		05/09/24	05/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	-	Analyst: I	Y		Batch: 2419201
Chloride	ND	20.0	1	1	05/10/24	05/10/24	

Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/14/2024 10:31:27AM

#### FS38 -3' E405085-08

		E403003-00				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RAS	·	Batch: 2419063
Benzene	ND	0.0250	1	05/07/24	05/11/24	
Ethylbenzene	ND	0.0250	1	05/07/24	05/11/24	
Toluene	ND	0.0250	1	05/07/24	05/11/24	
o-Xylene	ND	0.0250	1	05/07/24	05/11/24	
p,m-Xylene	ND	0.0500	1	05/07/24	05/11/24	
Total Xylenes	ND	0.0250	1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		108 %	70-130	05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/07/24	05/11/24	
Surrogate: Toluene-d8		105 %	70-130	05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: RAS		Batch: 2419063
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		108 %	70-130	05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/07/24	05/11/24	
Surrogate: Toluene-d8		105 %	70-130	05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: KM		Batch: 2419152
Diesel Range Organics (C10-C28)	ND	25.0	1	05/09/24	05/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/09/24	05/12/24	
Surrogate: n-Nonane		102 %	50-200	05/09/24	05/12/24	
						2410201
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: IY		Batch: 2419201



Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo5/14/2024 10:31:27AM

#### FS39 -3' E405085-09

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: F	RAS		Batch: 2419063
Benzene	ND	0.0250	1	1	05/07/24	05/11/24	
Ethylbenzene	ND	0.0250	1	1	05/07/24	05/11/24	
Toluene	ND	0.0250	1	1	05/07/24	05/11/24	
o-Xylene	ND	0.0250	1	1	05/07/24	05/11/24	
p,m-Xylene	ND	0.0500	1	1	05/07/24	05/11/24	
Total Xylenes	ND	0.0250	1	1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		105 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		104 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst: F	RAS		Batch: 2419063
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		105 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		104 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: k	KM		Batch: 2419152
Diesel Range Organics (C10-C28)	ND	25.0	1	1	05/09/24	05/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	05/09/24	05/12/24	
Surrogate: n-Nonane		104 %	50-200		05/09/24	05/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: I	Y		Batch: 2419201
Chloride	ND	20.0	1	1	05/10/24	05/10/24	

Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/14/2024 10:31:27AM

#### FS40 -2' E405085-10

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: RA	.S		Batch: 2419063
Benzene	ND	0.0250	1		05/07/24	05/11/24	
Ethylbenzene	ND	0.0250	1		05/07/24	05/11/24	
Toluene	ND	0.0250	1		05/07/24	05/11/24	
o-Xylene	ND	0.0250	1		05/07/24	05/11/24	
p,m-Xylene	ND	0.0500	1		05/07/24	05/11/24	
Total Xylenes	ND	0.0250	1		05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		104 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		102 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	ı	Analyst: RA	.S		Batch: 2419063
Gasoline Range Organics (C6-C10)	ND	20.0	1		05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		104 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		102 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: KN	1		Batch: 2419152
Diesel Range Organics (C10-C28)	ND	25.0	1		05/09/24	05/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	l	05/09/24	05/12/24	
Surrogate: n-Nonane		104 %	50-200		05/09/24	05/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: IY			Batch: 2419201
Chloride	23.4	20.0	1		05/10/24	05/11/24	

Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/14/2024 10:31:27AM

#### FS41 -2' E405085-11

		2100000 11					
Austra	D14	Reporting		141	Durand	A	Nister
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419063
Benzene	ND	0.0250		1	05/07/24	05/11/24	
Ethylbenzene	ND	0.0250		1	05/07/24	05/11/24	
Toluene	ND	0.0250		1	05/07/24	05/11/24	
o-Xylene	ND	0.0250		1	05/07/24	05/11/24	
p,m-Xylene	ND	0.0500		1	05/07/24	05/11/24	
Total Xylenes	ND	0.0250		1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		106 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		103 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419063
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		106 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		103 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419152
Diesel Range Organics (C10-C28)	ND	25.0		1	05/09/24	05/12/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/09/24	05/12/24	
Surrogate: n-Nonane		106 %	50-200		05/09/24	05/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2419201
Chloride	ND	20.0		1	05/10/24	05/11/24	_



Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo5/14/2024 10:31:27AM

FS42 -3' E405085-12

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	RAS		Batch: 2419063
Benzene	ND	0.0250	1	1	05/07/24	05/11/24	
Ethylbenzene	ND	0.0250	1	1	05/07/24	05/11/24	
Toluene	ND	0.0250	1	1	05/07/24	05/11/24	
o-Xylene	ND	0.0250	1	1	05/07/24	05/11/24	
p,m-Xylene	ND	0.0500	1	1	05/07/24	05/11/24	
Total Xylenes	ND	0.0250	1	1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		103 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		103 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst: I	RAS		Batch: 2419063
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		103 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		103 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: I	ζM		Batch: 2419152
Diesel Range Organics (C10-C28)	ND	25.0	1	1	05/09/24	05/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	05/09/24	05/12/24	
Surrogate: n-Nonane		103 %	50-200		05/09/24	05/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: I	Y		Batch: 2419201
Chloride	21.1	20.0	1	1	05/10/24	05/11/24	

Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo5/14/2024 10:31:27AM

#### FS15 -2.5 E405085-13

		2.00000 10					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419063
Benzene	ND	0.0250		1	05/07/24	05/11/24	
Ethylbenzene	ND	0.0250		1	05/07/24	05/11/24	
Toluene	ND	0.0250		1	05/07/24	05/11/24	
o-Xylene	ND	0.0250		1	05/07/24	05/11/24	
p,m-Xylene	ND	0.0500		1	05/07/24	05/11/24	
Total Xylenes	ND	0.0250		1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		107 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		103 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419063
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		107 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		103 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419152
Diesel Range Organics (C10-C28)	ND	25.0		1	05/09/24	05/12/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/09/24	05/12/24	
Surrogate: n-Nonane		99.5 %	50-200		05/09/24	05/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2419201
Chloride	34.9	20.0		1	05/10/24	05/11/24	



Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo5/14/2024 10:31:27AM

#### FS17 -2.5 E405085-14

		/					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: F	RAS		Batch: 2419063
Benzene	ND	0.0250	1	1	05/07/24	05/11/24	
Ethylbenzene	ND	0.0250	1	1	05/07/24	05/11/24	
Toluene	ND	0.0250	1	1	05/07/24	05/11/24	
o-Xylene	ND	0.0250	1	1	05/07/24	05/11/24	
p,m-Xylene	ND	0.0500	1	1	05/07/24	05/11/24	
Total Xylenes	ND	0.0250	1	l	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		103 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		103 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: F	RAS		Batch: 2419063
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		103 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		103 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	-	Analyst: k	KΜ		Batch: 2419152
Diesel Range Organics (C10-C28)	ND	25.0	1	1	05/09/24	05/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	05/09/24	05/13/24	
Surrogate: n-Nonane	·	101 %	50-200		05/09/24	05/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	-	Analyst: I	Y		Batch: 2419201
Chloride	33.0	20.0	1	1	05/10/24	05/11/24	

Matador Resources, LLC.Project Name:Jack Sleeper Booster StationReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo5/14/2024 10:31:27AM

Dallas 1A, /3240		Project Manage	r. As	sniey Gioveng	30			3/1-	1/2024 10.31.27A
	V	olatile Organ	ic Compo	unds by El	PA 82601	В		A	Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2419063-BLK1)							Prepared: 0:	5/07/24 Analy	yzed: 05/10/24
Benzene	ND	0.0250					F		,
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
·		0.0230	0.500		105	70-130			
Surrogate: Bromofluorobenzene	0.525								
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.8	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			
LCS (2419063-BS1)							Prepared: 0	5/07/24 Analy	yzed: 05/10/24
Benzene	2.57	0.0250	2.50		103	70-130			<u> </u>
Ethylbenzene	2.71	0.0250	2.50		108	70-130			
Toluene	2.60	0.0250	2.50		104	70-130			
o-Xylene	2.81	0.0250	2.50		112	70-130			
p,m-Xylene	5.63	0.0500	5.00		113	70-130			
Total Xylenes	8.45	0.0250	7.50		113	70-130			
Surrogate: Bromofluorobenzene	0.526		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.496		0.500		99.2	70-130			
Surrogate: Toluene-d8	0.527		0.500		105	70-130			
Matrix Spike (2419063-MS1)				Source:	E405072-	04	Prepared: 0	5/07/24 Anal	yzed: 05/10/24
Benzene	2.58	0.0250	2.50	ND	103	48-131	1	•	,
Ethylbenzene	2.75	0.0250	2.50	ND	110	45-135			
Toluene	2.62	0.0250	2.50	ND	105	48-130			
o-Xylene	2.80	0.0250	2.50	ND	112	43-135			
•	5.62	0.0500	5.00	ND	112	43-135			
p,m-Xylene	8.42	0.0250	7.50	ND	112	43-135			
Total Xylenes		0.0230		ND					
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4	0.524 0.495		0.500 0.500		105 98.9	70-130 70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			
					E 405053	0.4	D 1.0	5/07/04 4 1	1.05/10/24
Matrix Spike Dup (2419063-MSD1)	2.54	0.0550	2.50		E405072-		*		yzed: 05/10/24
Benzene	2.56	0.0250	2.50	ND	103	48-131	0.797	23	
Ethylbenzene	2.72	0.0250	2.50	ND	109	45-135	0.859	27	
Toluene	2.59	0.0250	2.50	ND	103	48-130	1.34	24	
o-Xylene	2.86	0.0250	2.50	ND	115	43-135	2.35	27	
p,m-Xylene	5.78	0.0500	5.00	ND	116	43-135	2.75	27	
Total Xylenes	8.64	0.0250	7.50	ND	115	43-135	2.62	27	
Surrogate: Bromofluorobenzene	0.534		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		100	70-130			
			0.500		105	50 110			



0.500

105

70-130

0.526

Surrogate: Toluene-d8

Matador Resources, LLC.Project Name:Jack Sleeper Booster StationReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo5/14/2024 10:31:27AM

Nonhalogenated Organics by	EPA 8015D - GRO
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Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2419063-BLK1)							Prepared: 0	5/07/24 Analy	zed: 05/10/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.525		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.8	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			
LCS (2419063-BS2)							Prepared: 0	5/07/24 Analy	zed: 05/10/24
Gasoline Range Organics (C6-C10)	52.7	20.0	50.0		105	70-130			
Surrogate: Bromofluorobenzene	0.540		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.466		0.500		93.2	70-130			
Surrogate: Toluene-d8	0.535		0.500		107	70-130			
Matrix Spike (2419063-MS2)				Source:	E405072-	04	Prepared: 0	5/07/24 Analy	zed: 05/11/24
Gasoline Range Organics (C6-C10)	50.7	20.0	50.0	ND	101	70-130			
Surrogate: Bromofluorobenzene	0.533		0.500		107	70-130			

Surrogate: 1,2-Dichloroethane-d4	0.470		0.500		93.9	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			
Matrix Spike Dup (2419063-MSD2)				Source:	E405072-0	04	Prepared: 0	5/07/24 Analy	yzed: 05/11/24
Gasoline Range Organics (C6-C10)	51.6	20.0	50.0	ND	103	70-130	1.82	20	
Surrogate: Bromofluorobenzene	0.538		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		98.0	70-130			
Surrogate: Toluene-d8	0.528		0.500		106	70-130			

Matador Resources, LLC.Project Name:Jack Sleeper Booster StationReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo5/14/2024 10:31:27AM

	Nonhal	Nonhalogenated Organics by EPA 8015D - DRO/ORO							
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2419152-BLK1)							Prepared: 0	5/09/24 Anal	yzed: 05/12/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.2		50.0		106	50-200			
LCS (2419152-BS1)							Prepared: 0	5/09/24 Anal	yzed: 05/12/24
Diesel Range Organics (C10-C28)	291	25.0	250		116	38-132			
Surrogate: n-Nonane	54.4		50.0		109	50-200			
LCS Dup (2419152-BSD1)							Prepared: 0	5/09/24 Anal	yzed: 05/12/24
Diesel Range Organics (C10-C28)	284	25.0	250		114	38-132	2.44	20	
Surrogate: n-Nonane	52.5		50.0		105	50-200			

LCS (2419201-BS1)

LCS Dup (2419201-BSD1)

Chloride

Chloride

Prepared: 05/10/24 Analyzed: 05/10/24

Prepared: 05/10/24 Analyzed: 05/10/24

20

90-110

90-110

0.0561

104

104

# **QC Summary Data**

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager:		Jack Sleeper Bo 23003-0002 Ashley Gioveng		on		:	<b>Reported:</b> 5/14/2024 10:31:27AM
		Anions 1	by EPA	300.0/9056	<b>A</b>				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 (2419201-BLK1)						I	Prepared: 0	5/10/24 Aı	nalyzed: 05/10/24

250

250

20.0

20.0

20.0

260

260

#### QC Summary Report Comment:

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



# **Definitions and Notes**

Γ	Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
l	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
l	Dallas TX, 75240	Project Manager:	Ashley Giovengo	05/14/24 10:31

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.

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Client: Matador Production Company					Bill To				La	b U	Use Only				TAT				EPA F	EPA Program	
Project: Jack Sleeper Booster Station Project Manager: Ashley Giovengo					Attention: Ensolum LLC	Attention: Ensolum LLC			Lab WO#			Job Number				2D	3D	Standard	CWA	SDWA	
					Address: on file			E405085			23003-0001			1				x			
	ess: 3122 National Parks Hwy				City, State, Zip:						Analysis and Metho								100	RCRA	
City, State, Zip: Carlsbad NM, 88220					Phone: 575-988-0055			by													
Phone: 575-988-0055					Email: agiovengo@ensolum.com	Email: agiovengo@ensolum.com													State		
ALC: THE REST	ail: agiovengo@ensolum.com							30/0	н.	_		0.0			NM			NM CC	UT AZ	TX	
Report due by:						JQ/C	805	8260	0109	300	I		0.00		¥	×					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	ile ID			TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	тсео трн		BGDOC		GDOC		Remark	5	
10:41	5/3/2024	Soil	1		FS31 - 2'										х						
10:43	5/3/2024	Soil	1		FS32 - 3'										х						
10:46	5/3/2024	Soil	1	FS33 - 3'											х						
10:43	5/3/2024	Soil	1	FS34 - 3'											х						
10:47	5/3/2024	Soil	1	FS35 - 3'		5									х			7			
10:50	5/3/2024	Soil	1	FS36 - 3'		6									х						
10:51	5/3/2024	Soil	1	FS37 - 3'		7									х						
10:52	5/3/2024	Soil	1		FS38 - 3'										х						
10:54	5/3/2024	Soil	1		FS39 - 3'										х						
10:40	5/3/2024	Soil	1		FS40 - 2'	61						Ŧ			х						
					um.com, agiovengo@ensolum.com, am aware that tampering with or intentionally misl				om, i	iestr											
ite or time	of collection is co	onsidered fr	aud and may	be grounds for le	gal action. Sampled by:		ie ioca	ation,										ceived on ice the di ess than 6°C on sub		plea or	
Relinquished by: (Signature)  Date  Time  Received by: (Signature)  5/4/24 10=20 Nichelle Googne						8 5-6-3	14	Time Lab Use Only Received on ice: 🕢 / N													
Mis	d by (Signatur	ngale			Received by (Signature)	5.6.	24	Time 17				Т3									
A.	ed by: (Signatur			6.24 Z	Received by: (Signature)  400 Hall	Date 5-7-2	4	Time OS	oc	,	AVG	Ten	np °C_	4	,						
	rix: <b>S</b> - Soil, <b>Sd</b> - So			ous, O - Other	//	Containe	r Typ	e: g - g	glass,	p-p	oly/pl	astic	. ag - a	amb	er gla	ss, v	- VOA				
te: Same	oles are discarde	ed 30 days	after result	s are reported u	nless other arrangements are made. Hazardo	us samples will	hara		l to all		11	-		11	3.5		71	norman en miles			



Client: Matador Production Company						Bill To		Lab Use Only					T	TAT				EPA P	EPA Program		
Project: Jack Sleeper Booster Station						Attention: Ensolum LLC			WO#		_	Job Number			1	1D 2	2D	3D	Standard		SDWA
Project I	Manager: As	hley Giov	/engo		Address: on	Address: on file			E 405085			23003-0001			51				×		
Address: 3122 National Parks Hwy					City, State, Z	City, State, Zip:						Analy	sis a	nd Me	thod						RCRA
City, State, Zip: Carlsbad NM, 88220					Phone: 575	Phone: 575-988-0055			by			6									
Phone: 575-988-0055					Email: agiov	Email: agiovengo@ensolum.com			SRO RO				-							State	
mail: agiovengo@ensolum.com							10/0	_	_	-3	0.			ΣN			NM CO	UT AZ	TX		
Report o	due by:						3/DF	802	3260	010	300	Ξ.			- 1	¥	_				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	ample ID				TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	тсед трн		верос		СБОС		Remarks	
10:56	5/3/2024	Soil	1		FS41 - 2	(1									х						
10:52	5/3/2024	Soil	1		FS42 - 3'											х					
13:42	5/3/2024	Soil	1	FS16 - 2.5			13									x					
13:40	5/3/2024	Soil	1		FS17 - 2.	.5	14									х					
															+		1				
							-33														
						go@ensolum.com, cha				om, i	estr										
				y of this sample. It y be grounds for le		ng with or intentionally mislabe Sampled by:	lling the samp	le loca	ition,					10.00	200				eived on ice the day ss than 6°C on subs		oled or
Relinquished by: (Signature)  Date Time Received by: (Signature)  S116124. 10-20  Withele Gonge					by: (Signature) helle Gonzales	5-6-6	S-6-24 Time 1020			Received on ice:				Lab Use Only							
Mid	ed by: (Signatur	neales	Date 5	Lay Time	Received	by (Signature)	Date 5.6		Time /	70		<u>T1</u>	37.57		_ ]	Г2			<u>T3</u>		
J	ed by: (Signatur		5	.6.24 2	400 Received	by: (Signature)	Date 5-7-2	74	Time 05	00		AVG	Ten	np °C_	4						
	rix: <b>S</b> - Soil, <b>Sd</b> - S		dge, A - Aqu	eous, O - Other			Containe														
Note: Sam samples is	ples are discard applicable only	ed 30 days to those sa	after resul amples rece	ts are reported usived by the labo	nless other arrangem ratory with this COC.	ents are made. Hazardous The liability of the laborator	samples will y is limited t	be re	turned	to cli	ent o	or disp	osed	of at th	e clie	nt exp	pense	. The	report for the	analysis of	the above



envirotech Inc.

Printed: 5/10/2024 7:52:49AM

#### **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:	05/07/24 0	5:00		Work Order ID:	E405085
Phone:	(972) 371-5200	Date Logged In:	05/06/24 1	7:21		Logged In By:	Angelina Pineda
Email:	agiovngo@ensolum.com	Due Date:	05/13/24 1	7:00 (4 day TAT)			
	Custody (COC) te sample ID match the COC?		Yes				
	the number of samples per sampling site location ma	tch the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier: C	Courier		
	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes	currer. <u>c</u>	<u> </u>		
	l 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
	urn Around Time (TAT)				Comple ID	aamaatad na	n aliant non taxt
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		_		r client per text
Sample C						-	2.5 to FS15-2.5.
	ample cooler received?		Yes		Green Copy	y Made with	corrections
-	was cooler received in good condition?		Yes				
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes,	were custody/security seals intact?		NA				
	e sample received on ice? If yes, the recorded temp is 4°C. Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes C				
Sample C		<u> </u>	<u>~</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 Lab	• • • • • • • • • • • • • • • • • • • •	ners concerca.	105				
	field sample labels filled out with the minimum info	ormation:					
	ample ID?		Yes				
	ate/Time Collected?		Yes	ı			
Co	ollectors name?		Yes				
	reservation						
	the COC or field labels indicate the samples were p	reserved?	No				
	imple(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved n	netals?	No				
Multipha	se Sample Matrix						
26. Does t	the sample have more than one phase, i.e., multipha	se?	No				
27. If yes,	does the COC specify which phase(s) is to be analy	yzed?	NA				
Subcontra	act Laboratory						
	imples required to get sent to a subcontract laborato	ry?	No				
	subcontract laboratory specified by the client and i	-	NA	Subcontract Lab	o: NA		
Client In	struction						
CHEILIII	<u>struction</u>						
1							

Date

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

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Page 145 of 339

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	Jack Sleep					tention: Enso			Lab	WO#		_	Job	Num	ber		1D	2D	3D	Sta	andard	CWA	SDWA	
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THE RESERVE TO SERVE THE PARTY OF THE PARTY	giovengo@e	The state of the s	20.00		<u>E</u> I	nail: agioveng	go@ensolum.com			ORC												State		
	ue by:	ensolum.	LOITI	-						JRO/	21	00	0	0.0			NM		X		NM CC	UT AZ	TX	
Time								1		3/02	y 80	/ 826	601	le 30	PH						×			
Sampled	Date Sampled	Matrix	No. of Containers	Sample ID				Lab Number		TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	тсеа трн		верос		GDOC			Remarks		
₩:56	5/3/2024	Soil	1			FS41 - 2'		(1									х							
10:52	5/3/2024	Soil	1			FS42 - 3'		12									x							
13:42	5/3/2024	Soil	1		5/9	F516-2.5 F515-2	5	13									х				name	change le per	eon	ļ , ,
13:40	5/3/2024	Soil	1			FS17 - 2.5		14									х				Surg	ne per	HEAF	er ter
																						200		
Addition	al Instructio	ns: Plea	ase CC: cl	burton@en	solum.cor	n, agiovengo@	Pensolum.com, cha	milton@e	ensol	um.c	om,	iestre	ella@	ens	olum	.com	n							
date or time	of collection is	considered f	d authentici	ty of this samp	le. I am aware	San	th or intentionally mislabel		le locat	tion,			Sample	s requi	ring the	ermal pro	reservat	tion mu	ust be re	ceived ess that	on ice the da n 6°C on sub	y they are sam sequent days.	oled or	
-	d by: (Signatu	2	Date 5	110/24.	ime 10=20	Received by:	Signature) Signature) Signature)	5-6-2	14	Time 10	20	Į.	Rece	eived	on ic	ce:	La		se On	ly				
Relinquishe	ed by: (Signatu	re) ingale	s Daté	624	ime 1705	V. H	Jignature)	Date 5.6		Time /	70										T3			
A.c	H.		5	.6.24	2400	Received by: (Signature)  Received by: (Signature)  Date  Time  To provide the control of the co																		
Sample Mat	rix: S - Soil, Sd - S	Solid, Sg - Slu	dge, A - Aqu	ieous, O - Other		//		Containe	r Type	e: g - g	glass,	n - no	oly/n	lastic	20-	amhe	er gla	iss, v	- VOA	1				
Note: Samp	oles are discard	ded 30 days	after resul	Its are reporte	ed unless oth	er arrangements	are made. Hazardous	samples will	be ret	urned	to cl	ent o	r disn	nsed	of at th	he clie	ent ex	pense	e. The	e repo	rt for the	analysis of	the above	
samples is	applicable only	to those s	amples reci	eived by the l	aboratory wi	th this COC. The I	iability of the laboratory	is limited to	o the a	amour	nt paid	d for o	n the	repoi	rt.									

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	Matador Pro					Bill To			-	La	b Us	e Onl	v	-		TAT EPA Program						
	Jack Sleepe					ention: Ensolum LLC		Lab	WO#			Job N	-	ber		1D	2D	The second second		andard	CWA	SDWA
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	e, Zip: Carls		88220	-		one: 575-988-0055			yd (													
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ime	ue by.								3/02	y 8021	8260	109	e 30	H				XT		×		
Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number		TPH GRO/DRO/ORO by 8015	втех ь	VOC by	Metals 6010	Chloride 300.0	тсео трн		BGDOC		GDOC			Remarks	
40:41 P	5/3/2024	Soil	1			FS31 - 2'	1									х						
10:43	5/3/2024	Soil	1			FS32 - 3'	2									x						
10:46	5/3/2024	Soil	1			FS33 - 3'	3									x						
10:43	5/3/2024	Soil	1			FS34 - 3'	4									х				Time.		
10:47	5/3/2024	Soil	1			FS35 - 3'	5									x						
10:50	5/3/2024	Soil	1			FS36 - 3'	6									х					Y	
10:51	5/3/2024	Soil	1			FS37 - 3'	7									x						
10:52	5/3/2024	Soil	1			FS38 - 3'	8									х						
10:54	5/3/2024	Soil	1			FS39 - 3'	9									х					-	
10:40	5/3/2024	Soil	1			FS40 - 2'	10									x						
Addition	al Instructio	ns: Plea	se CC: cb	urton@ensol	um.com,	agiovengo@ensolum.com, char	nilton@e	nsoli	um.co	om, i	estre	ella@	ens	olum	.com	1						
l, (field sam) date or time	oler), attest to the of collection is o	e validity and considered fr	d authenticit	y of this sample. I a	am aware th	nat tampering with or intentionally mislabelli Sampled by:	ng the sample	e locat	tion,			Samples	requir packe	ing ther	mal pr	eservat vg tem	ion mu	st be re	ceived o	on ice the day	they are samp	ed or
Relinquishe	ed by: (Signatur	re)	Date	14/29 Time	0:20	Received by: (Signature) Michelle Gonzales	Date 5-6-2	4	Time	20		Recei				La	b Us	e On				
Miss	ed by: (Signatur	ongale	Date	6-24 Time	Time Received hyp/Ranature)		Date 5.6.	-	Time	05		T1	veu	OHIC			)/ N			-		A SEY
Relinquishe	ed by: (Signatur	re)	Date 5.	6.24 7.		Received by: (Signature)	Date 5-7-2		Time					0.0	4	<u>T2</u>				T3		
	le Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other				hadedy or Dan	Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																
Note: Samp	oles are discard	led 30 days	after result	s are reported un	nless other	arrangements are made. Hazardous sa	mples will I	oe ret	urned	to clie	p - po	dispo	sed o	fat th	ambe	er gla	SS, V	- VOA	1	et fauth	and sale of the	
samples is	applicable only	to those s	mnles rece	had butha labor	ntone with	this coc Till II I III Col I I			- Lineu	LO CITO		disho	Jeu C	at til	ie cile	iii ex	hense	· Ine	repo	it for the a	naiysis of th	ie above

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

# **Analytical Report**

Matador Resources, LLC.

Project Name: Jack Sleeper Booster Station

Work Order: E405085

Job Number: 23003-0002

Received: 5/7/2024

Revision: 3

Report Reviewed By:

Walter Hinchman Laboratory Director 5/17/24

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

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

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

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

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

Date Reported: 5/17/24

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

Project Name: Jack Sleeper Booster Station

Workorder: E405085

Date Received: 5/7/2024 5:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/7/2024 5:00:00AM, under the Project Name: Jack Sleeper Booster Station.

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

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

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

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

Respectfully,

Walter Hinchman

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Cell: 775-287-1762

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# **Sample Summary**

Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	Donoutoda
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	05/17/24 10:52

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS31-2'	E405085-01A	Soil	05/03/24	05/07/24	Glass Jar, 2 oz.
FS32 -3'	E405085-02A	Soil	05/03/24	05/07/24	Glass Jar, 2 oz.
FS33 -3'	E405085-03A	Soil	05/03/24	05/07/24	Glass Jar, 2 oz.
FS34 -3'	E405085-04A	Soil	05/03/24	05/07/24	Glass Jar, 2 oz.
FS35 -3'	E405085-05A	Soil	05/03/24	05/07/24	Glass Jar, 2 oz.
FS36 -3'	E405085-06A	Soil	05/03/24	05/07/24	Glass Jar, 2 oz.
FS37 -3'	E405085-07A	Soil	05/03/24	05/07/24	Glass Jar, 2 oz.
FS38 -3'	E405085-08A	Soil	05/03/24	05/07/24	Glass Jar, 2 oz.
FS39 -3'	E405085-09A	Soil	05/03/24	05/07/24	Glass Jar, 2 oz.
FS40 -2'	E405085-10A	Soil	05/03/24	05/07/24	Glass Jar, 2 oz.
FS41 -2'	E405085-11A	Soil	05/03/24	05/07/24	Glass Jar, 2 oz.
FS42 -3'	E405085-12A	Soil	05/03/24	05/07/24	Glass Jar, 2 oz.
FS16 -2.5	E405085-13A	Soil	05/03/24	05/07/24	Glass Jar, 2 oz.
FS15 -2.5	E405085-14A	Soil	05/03/24	05/07/24	Glass Jar, 2 oz.

Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/17/2024 10:52:47AM

#### FS31-2' E405085-01

		E403003-01					
Analyte	Result	Reporting Limit	Dilu	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RAS	·	Batch: 2419063
Benzene	ND	0.0250		1	05/07/24	05/11/24	
Ethylbenzene	ND	0.0250		1	05/07/24	05/11/24	
Toluene	ND	0.0250		1	05/07/24	05/11/24	
o-Xylene	ND	0.0250		1	05/07/24	05/11/24	
p,m-Xylene	ND	0.0500		1	05/07/24	05/11/24	
Total Xylenes	ND	0.0250		1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		105 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		103 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RAS		Batch: 2419063
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		105 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		103 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2419152
Diesel Range Organics (C10-C28)	ND	25.0		1	05/09/24	05/12/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/09/24	05/12/24	
Surrogate: n-Nonane		98.4 %	50-200		05/09/24	05/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2419201
Chloride	40.9	20.0		1	05/10/24	05/10/24	



Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo5/17/2024 10:52:47AM

FS32 -3' E405085-02

		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RAS		Batch: 2419063
Benzene	ND	0.0250	1	05/07/24	05/11/24	
Ethylbenzene	ND	0.0250	1	05/07/24	05/11/24	
Toluene	ND	0.0250	1	05/07/24	05/11/24	
o-Xylene	ND	0.0250	1	05/07/24	05/11/24	
p,m-Xylene	ND	0.0500	1	05/07/24	05/11/24	
Total Xylenes	ND	0.0250	1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		107 %	70-130	05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	05/07/24	05/11/24	
Surrogate: Toluene-d8		103 %	70-130	05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	Analyst: RAS		Batch: 2419063
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		107 %	70-130	05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	05/07/24	05/11/24	
Surrogate: Toluene-d8		103 %	70-130	05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM		Batch: 2419152
Diesel Range Organics (C10-C28)	ND	25.0	1	05/09/24	05/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/09/24	05/12/24	
Surrogate: n-Nonane		102 %	50-200	05/09/24	05/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	Analyst: IY		Batch: 2419201
Chloride	ND	20.0	1	05/10/24	05/10/24	

Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo5/17/2024 10:52:47AM

# FS33 -3'

		E405085-03					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RAS	Batch: 2419063	
Benzene	ND	0.0250		1	05/07/24	05/11/24	
Ethylbenzene	ND	0.0250		1	05/07/24	05/11/24	
Toluene	ND	0.0250		1	05/07/24	05/11/24	
o-Xylene	ND	0.0250		1	05/07/24	05/11/24	
p,m-Xylene	ND	0.0500		1	05/07/24	05/11/24	
Total Xylenes	ND	0.0250		1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		110 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		103 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RAS		Batch: 2419063
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		110 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		103 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2419152
Diesel Range Organics (C10-C28)	ND	25.0		1	05/09/24	05/12/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/09/24	05/12/24	
Surrogate: n-Nonane		99.6 %	50-200		05/09/24	05/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: IY		Batch: 2419201
Chloride	222	20.0		1	05/10/24	05/10/24	_



Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo5/17/2024 10:52:47AM

#### FS34 -3' E405085-04

	L-102002-04					
Result			tion D	renared	Analyzed	Notes
Result	Lillit	Dilui	uon r	repared	Anaryzed	Notes
mg/kg	mg/kg	A	Analyst: RAS			Batch: 2419063
ND	0.0250	1	0:	5/07/24	05/11/24	
ND	0.0250	1	0:	5/07/24	05/11/24	
ND	0.0250	1	0:	5/07/24	05/11/24	
ND	0.0250	1	0:	5/07/24	05/11/24	
ND	0.0500	1	0:	5/07/24	05/11/24	
ND	0.0250	1	0:	5/07/24	05/11/24	
	102 %	70-130	0.	5/07/24	05/11/24	
	97.5 %	70-130	0.	5/07/24	05/11/24	
	102 %	70-130	0.	5/07/24	05/11/24	
mg/kg	mg/kg	A	Analyst: RAS			Batch: 2419063
ND	20.0	1	0:	5/07/24	05/11/24	
	102 %	70-130	0.	5/07/24	05/11/24	
	97.5 %	70-130	0.	5/07/24	05/11/24	
	102 %	70-130	0.	5/07/24	05/11/24	
mg/kg	mg/kg	A	Analyst: KM			Batch: 2419152
53.9	25.0	1	0:	5/09/24	05/12/24	_
162	50.0	1	0:	5/09/24	05/12/24	
	102 %	50-200	0.	5/09/24	05/12/24	
mg/kg	mg/kg	A	Analyst: IY			Batch: 2419201
	ND ND ND ND ND ND ND ND ND SSS SSS SSS S	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           IO2 %         97.5 %           IO2 %         mg/kg           ND         20.0           IO2 %         97.5 %           IO2 %         102 %           mg/kg         mg/kg           mg/kg         mg/kg           53.9         25.0           162         50.0	Reporting           Result         Limit         Dilu           mg/kg         mg/kg           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           102 %         70-130         70-130           97.5 %         70-130         1           mg/kg         mg/kg         1           nd2 %         70-130         1           102 %         70-130         1           mg/kg         mg/kg         70-130           mg/kg         mg/kg         1           mg/kg         102 %         70-130           mg/kg         53.9         25.0         1           162         50.0         1	Reporting           Result         Limit         Dilution         P           mg/kg         mg/kg         Analyst: RAS           ND         0.0250         1         0           ND         0.0250         1         0           ND         0.0250         1         0           ND         0.0500         1         0           ND         0.0250         1         0           ND         0.0250         1         0           97.5 %         70-130         0           97.5 %         70-130         0           102 %         70-130         0           97.5 %         70-130         0           102 %         70-130         0           102 %         70-130         0           102 %         70-130         0           102 %         70-130         0           102 %         70-130         0           102 %         70-130         0           102 %         70-130         0           102 %         70-130         0           102 %         70-130         0           102 %         70-130 <t< td=""><td>Reporting         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RAS           ND         0.0250         1         05/07/24           ND         0.0250         1         05/07/24           ND         0.0250         1         05/07/24           ND         0.0500         1         05/07/24           ND         0.0250         1         05/07/24           ND         0.0250         1         05/07/24           97.5 %         70-130         05/07/24           97.5 %         70-130         05/07/24           mg/kg         mg/kg         Analyst: RAS           ND         20.0         1         05/07/24           102 %         70-130         05/07/24           97.5 %         70-130         05/07/24           102 %         70-130         05/07/24           102 %         70-130         05/07/24           102 %         70-130         05/07/24           mg/kg         mg/kg         Analyst: KM           53.9         25.0         1         05/09/24           162         50.0         1         <td< td=""><td>Reporting         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RAS           ND         0.0250         1         05/07/24         05/11/24           ND         0.0500         1         05/07/24         05/11/24           ND         0.0250         1         05/07/24         05/11/24           ND         0.0250         1         05/07/24         05/11/24           97.5 %         70-130         05/07/24         05/11/24           97.5 %         70-130         05/07/24         05/11/24           mg/kg         mg/kg         Analyst: RAS           ND         20.0         1         05/07/24         05/11/24           102 %         70-130         05/07/24         05/11/24           97.5 %         70-130         05/07/24         05/11/24           102 %         70-130         05/07/24         05/11/24</td></td<></td></t<>	Reporting         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RAS           ND         0.0250         1         05/07/24           ND         0.0250         1         05/07/24           ND         0.0250         1         05/07/24           ND         0.0500         1         05/07/24           ND         0.0250         1         05/07/24           ND         0.0250         1         05/07/24           97.5 %         70-130         05/07/24           97.5 %         70-130         05/07/24           mg/kg         mg/kg         Analyst: RAS           ND         20.0         1         05/07/24           102 %         70-130         05/07/24           97.5 %         70-130         05/07/24           102 %         70-130         05/07/24           102 %         70-130         05/07/24           102 %         70-130         05/07/24           mg/kg         mg/kg         Analyst: KM           53.9         25.0         1         05/09/24           162         50.0         1 <td< td=""><td>Reporting         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RAS           ND         0.0250         1         05/07/24         05/11/24           ND         0.0500         1         05/07/24         05/11/24           ND         0.0250         1         05/07/24         05/11/24           ND         0.0250         1         05/07/24         05/11/24           97.5 %         70-130         05/07/24         05/11/24           97.5 %         70-130         05/07/24         05/11/24           mg/kg         mg/kg         Analyst: RAS           ND         20.0         1         05/07/24         05/11/24           102 %         70-130         05/07/24         05/11/24           97.5 %         70-130         05/07/24         05/11/24           102 %         70-130         05/07/24         05/11/24</td></td<>	Reporting         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RAS           ND         0.0250         1         05/07/24         05/11/24           ND         0.0500         1         05/07/24         05/11/24           ND         0.0250         1         05/07/24         05/11/24           ND         0.0250         1         05/07/24         05/11/24           97.5 %         70-130         05/07/24         05/11/24           97.5 %         70-130         05/07/24         05/11/24           mg/kg         mg/kg         Analyst: RAS           ND         20.0         1         05/07/24         05/11/24           102 %         70-130         05/07/24         05/11/24           97.5 %         70-130         05/07/24         05/11/24           102 %         70-130         05/07/24         05/11/24



Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo5/17/2024 10:52:47AM

#### FS35 -3' E405085-05

D. I	Reporting	P.11		D 1		N.
Kesult	Limit	Dıl	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	: RAS		Batch: 2419063
ND	0.0250		1	05/07/24	05/11/24	
ND	0.0250		1	05/07/24	05/11/24	
ND	0.0250		1	05/07/24	05/11/24	
ND	0.0250		1	05/07/24	05/11/24	
ND	0.0500		1	05/07/24	05/11/24	
ND	0.0250		1	05/07/24	05/11/24	
	104 %	70-130		05/07/24	05/11/24	
	102 %	70-130		05/07/24	05/11/24	
	103 %	70-130		05/07/24	05/11/24	
mg/kg	mg/kg		Analyst:	: RAS		Batch: 2419063
ND	20.0		1	05/07/24	05/11/24	
	104 %	70-130		05/07/24	05/11/24	
	102 %	70-130		05/07/24	05/11/24	
	103 %	70-130		05/07/24	05/11/24	
mg/kg	mg/kg		Analyst:	: KM		Batch: 2419152
ND	25.0	_	1	05/09/24	05/12/24	
ND	50.0		1	05/09/24	05/12/24	
	99.3 %	50-200		05/09/24	05/12/24	
mg/kg	mg/kg		Analyst	: IY		Batch: 2419201
44.8	20.0		1	05/10/24	05/10/24	
	ND Mg/kg ND Mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           IO2 %         103 %           mg/kg         mg/kg           ND         20.0           104 %         102 %           103 %         103 %           mg/kg         mg/kg           ND         25.0           ND         50.0           99.3 %         mg/kg           mg/kg         mg/kg	Result         Limit         Dil           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           104 %         70-130           102 %         70-130           103 %         70-130           mg/kg         mg/kg           ND         20.0           104 %         70-130           103 %         70-130           103 %         70-130           mg/kg         mg/kg           ND         25.0           ND         50.0           99.3 %         50-200           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         Analyst           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           104 %         70-130           102 %         70-130           103 %         70-130           mg/kg         mg/kg         Analyst           ND         20.0         1           104 %         70-130         1           103 %         70-130         1           mg/kg         mg/kg         Analyst           ND         25.0         1           ND         50.0         1           99.3 %         50-200           mg/kg         Mg/kg         Analyst	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RAS           ND         0.0250         1         05/07/24           ND         0.0250         1         05/07/24           ND         0.0250         1         05/07/24           ND         0.0250         1         05/07/24           ND         0.0500         1         05/07/24           ND         0.0250         1         05/07/24           ND         0.0250         1         05/07/24           102 %         70-130         05/07/24           102 %         70-130         05/07/24           103 %         70-130         05/07/24           104 %         70-130         05/07/24           102 %         70-130         05/07/24           103 %         70-130         05/07/24           103 %         70-130         05/07/24           103 %         70-130         05/07/24           103 %         70-130         05/07/24           103 %         70-130         05/07/24           100 %         70-130         05/07/24           100 %         70-130	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RAS           ND         0.0250         1         05/07/24         05/11/24           ND         0.0500         1         05/07/24         05/11/24           ND         0.0250         1         05/07/24         05/11/24           ND         0.0250         1         05/07/24         05/11/24           104 %         70-130         05/07/24         05/11/24           102 %         70-130         05/07/24         05/11/24           103 %         70-130         05/07/24         05/11/24           102 %         70-130         05/07/24         05/11/24           103 %         70-130         05/07/24         05/11/24           103 %         70-130         05/07/24         05/11/24           103 %         70-130         05/07/24         05/11/24           mg/kg         <



Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo5/17/2024 10:52:47AM

#### FS36 -3' E405085-06

		E100000 00				
Analyte	Result	Reporting Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RAS	Batch: 2419063	
Benzene	ND	0.0250	1	05/07/24	05/11/24	
Ethylbenzene	ND	0.0250	1	05/07/24	05/11/24	
Toluene	ND	0.0250	1	05/07/24	05/11/24	
o-Xylene	ND	0.0250	1	05/07/24	05/11/24	
p,m-Xylene	ND	0.0500	1	05/07/24	05/11/24	
Total Xylenes	ND	0.0250	1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		105 %	70-130	05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130	05/07/24	05/11/24	
Surrogate: Toluene-d8		103 %	70-130	05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RAS		Batch: 2419063
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		105 %	70-130	05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130	05/07/24	05/11/24	
Surrogate: Toluene-d8		103 %	70-130	05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM		Batch: 2419152
Diesel Range Organics (C10-C28)	ND	25.0	1	05/09/24	05/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/09/24	05/12/24	
Surrogate: n-Nonane		103 %	50-200	05/09/24	05/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: IY		Batch: 2419201
Chloride	29.0	20.0	1	05/10/24	05/10/24	

Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/17/2024 10:52:47AM

#### FS37 -3' E405085-07

Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
	mg/kg	mg/kg		Analyst		1 mary 200	Batch: 2419063
Volatile Organic Compounds by EPA 8260B	ND	0.0250		1	05/07/24	05/11/24	Batch: 2417003
Benzene	ND ND	0.0250		1	05/07/24	05/11/24	
Ethylbenzene	ND ND	0.0250		1	05/07/24	05/11/24	
Toluene	ND ND	0.0250		1	05/07/24	05/11/24	
o-Xylene	ND ND	0.0230		1	05/07/24	05/11/24	
p,m-Xylene	ND ND	0.0300		1	05/07/24	05/11/24	
Total Xylenes	ND			•			
Surrogate: Bromofluorobenzene		108 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		105 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RAS			Batch: 2419063
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		108 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		105 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419152
Diesel Range Organics (C10-C28)	ND	25.0		1	05/09/24	05/12/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/09/24	05/12/24	
Surrogate: n-Nonane		100 %	50-200		05/09/24	05/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2419201
Chloride	ND	20.0		1	05/10/24	05/10/24	



Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo5/17/2024 10:52:47AM

#### FS38 -3' E405085-08

Analyte	Result	Reporting Limit	Dilut	ion Prepared	Analyzed	Notes
Analyte	Result	Lillit	Dilui	ion Frepareu	Allalyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RAS		Batch: 2419063
Benzene	ND	0.0250	1	05/07/24	05/11/24	
Ethylbenzene	ND	0.0250	1	05/07/24	05/11/24	
Toluene	ND	0.0250	1	05/07/24	05/11/24	
o-Xylene	ND	0.0250	1	05/07/24	05/11/24	
p,m-Xylene	ND	0.0500	1	05/07/24	05/11/24	
Total Xylenes	ND	0.0250	1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		108 %	70-130	05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/07/24	05/11/24	
Surrogate: Toluene-d8		105 %	70-130	05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: RAS	Batch: 2419063	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		108 %	70-130	05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/07/24	05/11/24	
Surrogate: Toluene-d8		105 %	70-130	05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM		Batch: 2419152
Diesel Range Organics (C10-C28)	ND	25.0	1	05/09/24	05/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/09/24	05/12/24	
Surrogate: n-Nonane		102 %	50-200	05/09/24	05/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: IY		Batch: 2419201
Chloride	ND	20.0	1	05/10/24	05/10/24	



Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo5/17/2024 10:52:47AM

#### FS39 -3' E405085-09

		E100000 07					
Analyte	Result	Reporting Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg mg/kg An		Analyst:	RAS	Batch: 2419063		
Benzene	ND	0.0250	1	1	05/07/24	05/11/24	
Ethylbenzene	ND	0.0250	1	1	05/07/24	05/11/24	
Toluene	ND	0.0250	1	1	05/07/24	05/11/24	
o-Xylene	ND	0.0250	1	1	05/07/24	05/11/24	
p,m-Xylene	ND	0.0500	1	1	05/07/24	05/11/24	
Total Xylenes	ND	0.0250	1	1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		105 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		104 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RAS		Batch: 2419063
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		105 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		104 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2419152
Diesel Range Organics (C10-C28)	ND	25.0	1	1	05/09/24	05/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	05/09/24	05/12/24	
Surrogate: n-Nonane		104 %	50-200		05/09/24	05/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2419201
Chloride	ND	20.0	1	1	05/10/24	05/10/24	_

Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo5/17/2024 10:52:47AM

#### FS40 -2' E405085-10

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RAS			Batch: 2419063
Benzene	ND	0.0250		1	05/07/24	05/11/24	
Ethylbenzene	ND	0.0250		1	05/07/24	05/11/24	
Toluene	ND	0.0250		1	05/07/24	05/11/24	
o-Xylene	ND	0.0250		1	05/07/24	05/11/24	
p,m-Xylene	ND	0.0500	]	1	05/07/24	05/11/24	
Total Xylenes	ND	0.0250	Ī	1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		104 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		102 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RAS			Batch: 2419063
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		104 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		102 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2419152
Diesel Range Organics (C10-C28)	ND	25.0		1	05/09/24	05/12/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/09/24	05/12/24	
Surrogate: n-Nonane		104 %	50-200		05/09/24	05/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: IY		Batch: 2419201
Chloride	23.4	20.0		1	05/10/24	05/11/24	



Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo5/17/2024 10:52:47AM

#### FS41 -2' E405085-11

		Reporting				
Analyte	Result	Limit	Dilut	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RAS		Batch: 2419063
Benzene	ND	0.0250	1	05/07/24	05/11/24	
Ethylbenzene	ND	0.0250	1	05/07/24	05/11/24	
Toluene	ND	0.0250	1	05/07/24	05/11/24	
o-Xylene	ND	0.0250	1	05/07/24	05/11/24	
p,m-Xylene	ND	0.0500	1	05/07/24	05/11/24	
Total Xylenes	ND	0.0250	1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		106 %	70-130	05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130	05/07/24	05/11/24	
Surrogate: Toluene-d8		103 %	70-130	05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RAS	Batch: 2419063	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		106 %	70-130	05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130	05/07/24	05/11/24	
Surrogate: Toluene-d8		103 %	70-130	05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM		Batch: 2419152
Diesel Range Organics (C10-C28)	ND	25.0	1	05/09/24	05/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/09/24	05/12/24	
Surrogate: n-Nonane		106 %	50-200	05/09/24	05/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: IY		Batch: 2419201
Chloride	ND	20.0	1	05/10/24	05/11/24	



Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/17/2024 10:52:47AM

#### FS42 -3' E405085-12

		2.00000 12					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Anaryte	Result	Limit	Dil	ution	Prepared	Anaryzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RAS			Batch: 2419063
Benzene	ND	0.0250		1	05/07/24	05/11/24	
Ethylbenzene	ND	0.0250		1	05/07/24	05/11/24	
Toluene	ND	0.0250		1	05/07/24	05/11/24	
o-Xylene	ND	0.0250		1	05/07/24	05/11/24	
p,m-Xylene	ND	0.0500		1	05/07/24	05/11/24	
Total Xylenes	ND	0.0250		1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		103 %	70-130	·	05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		103 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RAS			Batch: 2419063
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		103 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		103 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2419152
Diesel Range Organics (C10-C28)	ND	25.0	•	1	05/09/24	05/12/24	_
Oil Range Organics (C28-C36)	ND	50.0		1	05/09/24	05/12/24	
Surrogate: n-Nonane		103 %	50-200		05/09/24	05/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: IY		Batch: 2419201
Chloride	21.1	20.0		1	05/10/24	05/11/24	
Chloride	21.1	20.0		1	03/10/24	03/11/24	

Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo5/17/2024 10:52:47AM

#### FS16 -2.5 E405085-13

		2.00000 10					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RAS	Batch: 2419063	
Benzene	ND	0.0250		1	05/07/24	05/11/24	
Ethylbenzene	ND	0.0250		1	05/07/24	05/11/24	
Toluene	ND	0.0250		1	05/07/24	05/11/24	
o-Xylene	ND	0.0250		1	05/07/24	05/11/24	
p,m-Xylene	ND	0.0500		1	05/07/24	05/11/24	
Total Xylenes	ND	0.0250		1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		107 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		103 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419063
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		107 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		103 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419152
Diesel Range Organics (C10-C28)	ND	25.0		1	05/09/24	05/12/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/09/24	05/12/24	
Surrogate: n-Nonane		99.5 %	50-200		05/09/24	05/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2419201
Chloride	34.9	20.0		1	05/10/24	05/11/24	



Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo5/17/2024 10:52:47AM

#### FS15 -2.5 E405085-14

		/					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: F	RAS		Batch: 2419063
Benzene	ND	0.0250	1	1	05/07/24	05/11/24	
Ethylbenzene	ND	0.0250	1	1	05/07/24	05/11/24	
Toluene	ND	0.0250	1	1	05/07/24	05/11/24	
o-Xylene	ND	0.0250	1	1	05/07/24	05/11/24	
p,m-Xylene	ND	0.0500	1	1	05/07/24	05/11/24	
Total Xylenes	ND	0.0250	1	l	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		103 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		103 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: F	RAS	Batch: 2419063	
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		103 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		103 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	-	Analyst: I	KΜ		Batch: 2419152
Diesel Range Organics (C10-C28)	ND	25.0	1	1	05/09/24	05/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	05/09/24	05/13/24	
Surrogate: n-Nonane	·	101 %	50-200		05/09/24	05/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	-	Analyst: IY			Batch: 2419201
Chloride	33.0	20.0	1	1	05/10/24	05/11/24	

# **QC Summary Data**

Matador Resources, LLC.Project Name:Jack Sleeper Booster StationReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo5/17/2024 10:52:47AM

Volatile Organic Compounds by EPA 8260B											
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2419063-BLK1)							Prepared: 0	5/07/24 Anal	yzed: 05/10/24		
Benzene	ND	0.0250						•	,		
Ethylbenzene	ND	0.0250									
Toluene	ND	0.0250									
o-Xylene	ND	0.0250									
p,m-Xylene	ND	0.0500									
Total Xylenes	ND	0.0250									
Surrogate: Bromofluorobenzene	0.525		0.500		105	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.8	70-130					
Surrogate: Toluene-d8	0.523		0.500		105	70-130					
LCS (2419063-BS1)							Prepared: 0	5/07/24 Analy	yzed: 05/10/24		
Benzene	2.57	0.0250	2.50		103	70-130					
Ethylbenzene	2.71	0.0250	2.50		108	70-130					
Toluene	2.60	0.0250	2.50		104	70-130					
o-Xylene	2.81	0.0250	2.50		112	70-130					
p,m-Xylene	5.63	0.0500	5.00		113	70-130					
Total Xylenes	8.45	0.0250	7.50		113	70-130					
Surrogate: Bromofluorobenzene	0.526		0.500		105	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.496		0.500		99.2	70-130					
Surrogate: Toluene-d8	0.527		0.500		105	70-130					
Matrix Spike (2419063-MS1)				Source:	E405072-	04	Prepared: 0	5/07/24 Analy	yzed: 05/10/24		
Benzene	2.58	0.0250	2.50	ND	103	48-131					
Ethylbenzene	2.75	0.0250	2.50	ND	110	45-135					
Toluene	2.62	0.0250	2.50	ND	105	48-130					
o-Xylene	2.80	0.0250	2.50	ND	112	43-135					
p,m-Xylene	5.62	0.0500	5.00	ND	112	43-135					
Total Xylenes	8.42	0.0250	7.50	ND	112	43-135					
Surrogate: Bromofluorobenzene	0.524		0.500		105	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		98.9	70-130					
Surrogate: Toluene-d8	0.523		0.500		105	70-130					
Matrix Spike Dup (2419063-MSD1)				Source:	E405072-	04	Prepared: 0	5/07/24 Analy	yzed: 05/10/24		
Benzene	2.56	0.0250	2.50	ND	103	48-131	0.797	23			
Ethylbenzene	2.72	0.0250	2.50	ND	109	45-135	0.859	27			
Toluene	2.59	0.0250	2.50	ND	103	48-130	1.34	24			
o-Xylene	2.86	0.0250	2.50	ND	115	43-135	2.35	27			
p,m-Xylene	5.78	0.0500	5.00	ND	116	43-135	2.75	27			
Total Xylenes	8.64	0.0250	7.50	ND	115	43-135	2.62	27			
Surrogate: Bromofluorobenzene	0.534		0.500		107	70-130					
			0.500		100	50 120					



0.500

0.500

100

105

70-130

70-130

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

0.500

0.526

Gasoline Range Organics (C6-C10)

Surrogate: Bromofluorobenzene

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

# **QC Summary Data**

Matador Resources, LLC.Project Name:Jack Sleeper Booster StationReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo5/17/2024 10:52:47AM

Dallas TX, 75240		Project Manager	:: As	hley Gioveng	0			5/17	/2024 10:52:47AM
	Non	halogenated (	Organics l	by EPA 801	15D - Gl	RO		A	nalyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2419063-BLK1)							Prepared: 0	5/07/24 Analy	vzed: 05/10/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.525		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.8	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			
LCS (2419063-BS2)							Prepared: 0	5/07/24 Analy	zed: 05/10/24
Gasoline Range Organics (C6-C10)	52.7	20.0	50.0		105	70-130			
Surrogate: Bromofluorobenzene	0.540		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.466		0.500		93.2	70-130			
Surrogate: Toluene-d8	0.535		0.500		107	70-130			
Matrix Spike (2419063-MS2)				Source:	E405072-	04	Prepared: 0	5/07/24 Analy	zed: 05/11/24
Gasoline Range Organics (C6-C10)	50.7	20.0	50.0	ND	101	70-130			
Surrogate: Bromofluorobenzene	0.533		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.470		0.500		93.9	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			
Matrix Spike Dup (2419063-MSD2)				Source:	E405072-	04	Prepared: 0	5/07/24 Analy	zed: 05/11/24

50.0

0.500

0.500

0.500

20.0

0.538

0.490

0.528

70-130

70-130

70-130

70-130

1.82

103

108

98.0

106



# **QC Summary Data**

Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/17/2024 10:52:47AM

Dullus 171, 73240		1 Toject Ivianage	1. 710	sincy Gloveng	50			27.	.,,2021 1010211,,111
	Nonha	logenated Or	ganics by	EPA 8015I	) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2419152-BLK1)							Prepared: 0	5/09/24 Ana	lyzed: 05/12/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.2		50.0		106	50-200			
LCS (2419152-BS1)							Prepared: 0	5/09/24 Ana	lyzed: 05/12/24
Diesel Range Organics (C10-C28)	291	25.0	250		116	38-132			
Surrogate: n-Nonane	54.4		50.0		109	50-200			
LCS Dup (2419152-BSD1)							Prepared: 0	5/09/24 Ana	lyzed: 05/12/24
Diesel Range Organics (C10-C28)	284	25.0	250		114	38-132	2.44	20	
Surrogate: n-Nonane	52.5		50.0		105	50-200			



# **QC Summary Data**

Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	•
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/17/2024 10:52:47AM

		Anions	by EPA 3	00.0/9056	A				Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2419201-BLK1)							Prepared: 0	5/10/24 <i>A</i>	Analyzed: 05/10/24
Chloride	ND	20.0							
LCS (2419201-BS1)							Prepared: 0	5/10/24 A	Analyzed: 05/10/24
Chloride	260	20.0	250		104	90-110			
LCS Dup (2419201-BSD1)							Prepared: 0	5/10/24 A	Analyzed: 05/10/24
Chloride	260	20.0	250		104	90-110	0.0561	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:	Jack Sleeper Booster Station	
I	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
l	Dallas TX, 75240	Project Manager:	Ashley Giovengo	05/17/24 10:52

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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

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	Matador Pro				Bill To				L	ab U	se Onl	ly				-	T	AT		EPA P	rogram
	Jack Sleepe				Attention: Ensolum LLC		Lab	WO	#	~	Job N				1D	2D	3D	Sta	ndard	CWA	SDWA
	Manager: As				Address: on file		E	105	08	5			-000						X		
W	: 3122 Natio				City, State, Zip:						Analys	sis a	nd Met	hod							RCRA
N	te, Zip: Carls		88220		Phone: 575-988-0055			by (													
	575-988-005		Sult.		Email: agiovengo@ensolum.co	m		ORO			1 1									State	
N 3	agiovengo@e	nsolum.c	com					RO/	T I	0		0.0		- 3	Z		_	1	M CO	UT AZ	TX
Report o	due by:							0/0	807	826	6010	300	Ŧ				¥		×		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number		TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	тсео трн		верос		GDOC			Remarks	
10:41	5/3/2024	Soil	1		FS31 - 2'	1									x						
10:43	5/3/2024	Soil	1		FS32 - 3'	2						ī			х	7					
10:46	5/3/2024	Soil	1		FS33 - 3'	3				Г					х						
10:43	5/3/2024	Soil	1		FS34 - 3'	4									х						
10:47	5/3/2024	Soil	1		FS35 - 3'	5									х						
10:50	5/3/2024	Soil	1		FS36 - 3'	6									х						
10:51	5/3/2024	Soil	1		FS37 - 3'	7									х						
10:52	5/3/2024	Soil	1		FS38 - 3'	8									х						
10:54	5/3/2024	Soil	1		FS39 - 3'	9									х						
10:40	5/3/2024	Soil	1		FS40 - 2'	61						Ī			х						
Addition	al Instruction	ns: Plea	se CC: cb	urton@ensol	um.com, agiovengo@ensolum.com,	chamilton@e	enso	lum.c	om,	iestr	ella@	ens	olum.c	on	1						
date or time	of collection is co	onsidered fr	d authenticit aud and may	y of this sample. I y be grounds for le	am aware that tampering with or intentionally mis gal action.  Sampled by:	labelling the samp	le loca	ation,			7 1 1 1 1 1 1									they are samp	led or
Relinquish	ed by: (Signatur	e) —	Date	Time	0:20 Received by: (Signature)	es 5-6-6	24	Time	020	)	Rece	ived	l on ice		Lal		se On	nly			
Mig	ed by: (Signatur	ngale		6-24 Time	Received by (S)gnature)	Date 5.6		Time			T1	.,			T2	,			3		
Relinquishe	ed by: (Signatur	e)	Date 5.	6.24 Time	400 Received by: (Signature)	Date	u	Time	500	2		Ten	np °C					-			
	rix: <b>S</b> - Soil, <b>Sd</b> - So			ous, O - Other		Containe	r Tvp	e: g -	glass	p - p	oly/pl	astic	ag - ai	mbe	er glas	ss. v	- VO	A			
Note: Samp	ples are discarde	ed 30 days	after result	s are reported u	nless other arrangements are made. Hazard	ous samples will	be re	turne	d to c	lent o	or dispo	sed	of at the	clie	ent ext	pens	e. Th	e repor	t for the a	nalysis of t	he above
samples is	applicable only	to those sa	mples rece	ived by the labor	ratory with this COC. The liability of the labor	atory is limited t	o the	amour	nt pai	d for	on the	repo	rt.			100					



Sample   Mark   Containers   Sample   Decision   Deci	roject II	nformation						Chai	n of Custo	ody												Pa	age <u>2</u>
1   FS42-3'   1Z	Client: N	Aatador Pro	duction C	Company				Bill To				La	b Us	e On	ly		1		TA	T		EPA P	ogram
1   FS42-3'   1Z								um LLC		Lab	WO#					ber	1D	2D	30.30		dard	CWA	SDWA
1   FS42-3'   1Z						Add	ress: on file			EC	foc	00	5	231	003	-000				>	<		
1   FS42-3'   1Z						-							1	Analy	sis ar	nd Meth	od			<u> </u>			RCRA
1   FS42-3'   1Z				88220		Pho	ne: 575-988-0	0055			by												
1   FS42-3'   1Z						Ema	il: agiovengo	@ensolum.com			ORO	10										State	
1   FS42-3'   1Z			nsolum.	com							RO/	77	0	0	0.0		Σ		×	N	м со	UT AZ	TX
1   FS42-3'   1Z		ue by:		_					_		0/0	y 80	, 826	601	le 30	H			161.7		×		
1   FS42-3'   1Z	Time Sampled		Matrix		Sample ID						TPH GF 8015	втех ь	VOC by	Metals	Chlorid	TCEQT	BGDO		GDOC			Remarks	
Solid   1   FS16 - 2.5   13	10:56	5/3/2024	Soil	1			FS41 - 2'		(1								х						
Soil   1   FS17-2.5   14	10:52	5/3/2024	Soil	1			FS42 - 3'		IZ								х						
Iditional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, chamilton@ensolum.com, iestrella@ensolum.com  Teld sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, sampled by:  Samples requiring thermal preservation must be received on ice the day they are sampled or entire of collection is considered fraud and may be grounds for legal action.  Samples when the considered fraud and may be grounds for legal action.  Samples when the considered fraud and may be grounds for legal action.  Samples when the considered fraud and may be grounds for legal action.  Sampled by:  Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in its at an age temp above but less than 6° con subsequent days.  Inquished by:  Samples requiring thermal preservation must be received on ice to received packed in its at an age temp above but less than 6° con subsequent days.  Inquished by:  Samples requiring thermal preservation must be received on ice to received packed in its at an age temp above but less than 6° con subsequent days.  Inquished by:  Samples requiring thermal preservation must be received on ice to received packed in its at an age temp above but less than 6° con subsequent days.  Inquished by:  Samples requiring thermal preservation must be received on ice to receive days them at an age temp above but less than 6° con subsequent days.  Inquished by:  Samples requiring thermal preservation must be received on ice:  Aby Use Only  Received by:  Samples requiring thermal preservation must be received on ice:  Aby I may be a to receive days of the story of the above but less than 6° con subsequent days.  Samples and the story of the above but less than 6° con subsequent days.  Samples and the story of the above but less than 6° con subsequent days.  Samples and the story of the story of the story of the story of the above but less than 6° con subsequent days.  S	13:42	5/3/2024	Soil	1			FS16 - 2.5		13								x						
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Printed: 5/10/2024 7:52:49AM

#### **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:	05/07/24 0	5:00	W	Vork Order ID:	E405085
Phone:	(972) 371-5200	Date Logged In:	05/06/24 1	7:21	L	ogged In By:	Angelina Pineda
Email:	agiovngo@ensolum.com	Due Date:	05/13/24 1	7:00 (4 day TAT)			
	Custody (COC) te sample ID match the COC?		Yes				
	the number of samples per sampling site location ma	tch the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier: C	Courier		
	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes	Carrier. <u>c</u>	<u>Jourier</u>		
	l 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
	urn Around Time (TAT)				Sampla ID a	arragted no	r client per text
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		_		
Sample C					_	•	2.5 to FS15-2.5.
	ample cooler received?		Yes		Green Copy	Made with	corrections
-	was cooler received in good condition?		Yes				
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes,	were custody/security seals intact?		NA				
	e sample received on ice? If yes, the recorded temp is 4°C. Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes C				
Sample C		<u> </u>	<u>~</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 Lab	• • • • • • • • • • • • • • • • • • • •	ners concerca.	105				
	field sample labels filled out with the minimum info	ormation:					
	ample ID?		Yes				
	ate/Time Collected?		Yes	ı			
Co	ollectors name?		Yes				
	reservation						
	the COC or field labels indicate the samples were p	reserved?	No				
	imple(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved n	netals?	No				
	se Sample Matrix						
26. Does t	the sample have more than one phase, i.e., multipha	se?	No				
27. If yes,	does the COC specify which phase(s) is to be analy	yzed?	NA				
Subcontra	act Laboratory						
	imples required to get sent to a subcontract laborato	ry?	No				
	subcontract laboratory specified by the client and i	-	NA	Subcontract Lab	o: NA		
Client In	struction						
CHCHT	struction						

Date

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

Received by OCD: 6/7/2024 8:28:36 AM

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10:46	5/3/2024	Soil	1			FS33 - 3'	3									x						
10:43	5/3/2024	Soil	1			FS34 - 3'	4									х						
10:47	5/3/2024	Soil	1			FS35 - 3'	5									x						
10:50	5/3/2024	Soil	1			FS36 - 3'	6									х					W. Y	
10:51	5/3/2024	Soil	1			FS37 - 3'	7									x						
10:52	5/3/2024	Soil	1			FS38 - 3'	8									x						
10:54	5/3/2024	Soil	1			FS39 - 3'	9									х					-	
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samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

# **Analytical Report**

Matador Resources, LLC.

Project Name: Jack Sleeper Booster Station

Work Order: E405090

Job Number: 23003-0002

Received: 5/7/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/13/24

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

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

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

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

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

Date Reported: 5/13/24

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

Project Name: Jack Sleeper Booster Station

Workorder: E405090

Date Received: 5/7/2024 7:45:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/7/2024 7:45:00AM, under the Project Name: Jack Sleeper Booster Station.

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

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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**Alexa Michaels** 

Sample Custody Officer Office: 505-632-1881

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Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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# Sample Summary

Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	05/13/24 09:25

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
FS49 - 4.5'	E405090-01A Soil	05/06/24	05/07/24	Glass Jar, 2 oz.
FS50 - 5.5'	E405090-02A Soil	05/06/24	05/07/24	Glass Jar, 2 oz.
	E405090-02B Soil	05/06/24	05/07/24	Glass Jar, 2 oz.
FS52 - 5.5'	E405090-03A Soil	05/06/24	05/07/24	Glass Jar, 2 oz.
	E405090-03B Soil	05/06/24	05/07/24	Glass Jar, 2 oz.



Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo5/13/20249:25:51AM

FS49 - 4.5' E405090-01

	Notes
. ,	Batch: 2419094
05/07/24 05/09/24	
05/07/24 05/09/24	
05/07/24 05/09/24	
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70-130 05/07/24 05/09/24	
Analyst: RKS	Batch: 2419094
1 05/07/24 05/09/24	
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Analyst: KM	Batch: 2419108
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Analyst: IY	Batch: 2419056
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(gg) (gg) (gg) (gg) (gg) (gg) (gg) (gg)	Analyst: RKS  Sig I 05/07/24 05/09/24  Sig I 05/07/24 05/09/24  Sig Analyst: RKS



Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/13/2024 9:25:51AM

#### FS50 - 5.5' E405090-02

		2.000,000					
Analyte	Result	Reporting Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS			Batch: 2419094
Benzene	ND	0.0250	1	1	05/07/24	05/09/24	
Ethylbenzene	ND	0.0250	1	1	05/07/24	05/09/24	
Toluene	ND	0.0250	1	1	05/07/24	05/09/24	
o-Xylene	ND	0.0250	1	1	05/07/24	05/09/24	
p,m-Xylene	ND	0.0500	1	1	05/07/24	05/09/24	
Total Xylenes	ND	0.0250	1	1	05/07/24	05/09/24	
Surrogate: Bromofluorobenzene		99.3 %	70-130		05/07/24	05/09/24	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		05/07/24	05/09/24	
Surrogate: Toluene-d8		97.5 %	70-130		05/07/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2419094
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	05/07/24	05/09/24	
Surrogate: Bromofluorobenzene		99.3 %	70-130		05/07/24	05/09/24	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		05/07/24	05/09/24	
Surrogate: Toluene-d8		97.5 %	70-130		05/07/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2419060
Diesel Range Organics (C10-C28)	ND	25.0	1	1	05/07/24	05/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	05/07/24	05/08/24	
Surrogate: n-Nonane		106 %	50-200		05/07/24	05/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: IY		Batch: 2419056
Chloride	285	20.0	1	1	05/07/24	05/07/24	

Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo5/13/2024 9:25:51AM

FS52 - 5.5' E405090-03

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2419094
Benzene	ND	0.0250	:	1	05/07/24	05/09/24	
Ethylbenzene	ND	0.0250		1	05/07/24	05/09/24	
Toluene	ND	0.0250		1	05/07/24	05/09/24	
o-Xylene	ND	0.0250		1	05/07/24	05/09/24	
p,m-Xylene	ND	0.0500		1	05/07/24	05/09/24	
Total Xylenes	ND	0.0250	į	1	05/07/24	05/09/24	
Surrogate: Bromofluorobenzene		98.7 %	70-130		05/07/24	05/09/24	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		05/07/24	05/09/24	
Surrogate: Toluene-d8		96.6 %	70-130		05/07/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2419094
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/07/24	05/09/24	
Surrogate: Bromofluorobenzene		98.7 %	70-130		05/07/24	05/09/24	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		05/07/24	05/09/24	
Surrogate: Toluene-d8		96.6 %	70-130		05/07/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2419060
Diesel Range Organics (C10-C28)	ND	25.0		1	05/07/24	05/08/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/07/24	05/08/24	
Surrogate: n-Nonane		106 %	50-200		05/07/24	05/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: IY		Batch: 2419056
		20.0			05/07/24	05/07/24	<u> </u>

Matador Resources, LLC.Project Name:Jack Sleeper Booster StationReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo5/13/2024 9:25:51AM

	V	olatile Organ	ic Compo	unds by El	PA 82601	В			Analyst: RKS
	<u> </u>							miaiysi. KKS	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
DI 1 (2410004 DV V(1)							P 1.0	5/05/04 4 1	1.05/00/24
Blank (2419094-BLK1)							Prepared: 0:	5/0 <sup>7</sup> //24 Anal	yzed: 05/08/24
Benzene	ND ND	0.0250							
Ethylbenzene	ND ND	0.0250							
Toluene	ND ND	0.0250							
o-Xylene p,m-Xylene	ND	0.0250 0.0500							
p,m-Ayiene Total Xylenes	ND	0.0250							
<del>.</del>	0.497	0.0230	0.500		99.3	70-130			
Surrogate: Bromofluorobenzene			0.500		98.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491								
Surrogate: Toluene-d8	0.481		0.500		96.2	70-130			
LCS (2419094-BS1)							Prepared: 0	5/07/24 Anal	yzed: 05/08/24
Benzene	2.57	0.0250	2.50		103	70-130			
Ethylbenzene	2.42	0.0250	2.50		96.8	70-130			
Toluene	2.33	0.0250	2.50		93.4	70-130			
o-Xylene	2.42	0.0250	2.50		96.9	70-130			
p,m-Xylene	4.75	0.0500	5.00		95.0	70-130			
Total Xylenes	7.17	0.0250	7.50		95.7	70-130			
Surrogate: Bromofluorobenzene	0.497		0.500		99.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		100	70-130			
Surrogate: Toluene-d8	0.490		0.500		97.9	70-130			
Matrix Spike (2419094-MS1)				Source:	E405084-	25	Prepared: 0:	5/07/24 Anal	yzed: 05/08/24
Benzene	2.68	0.0250	2.50	ND	107	48-131			-
Ethylbenzene	2.51	0.0250	2.50	ND	100	45-135			
Toluene	2.42	0.0250	2.50	ND	97.0	48-130			
o-Xylene	2.52	0.0250	2.50	ND	101	43-135			
p,m-Xylene	4.93	0.0500	5.00	ND	98.6	43-135			
Total Xylenes	7.46	0.0250	7.50	ND	99.4	43-135			
Surrogate: Bromofluorobenzene	0.498		0.500		99.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.3	70-130			
Surrogate: Toluene-d8	0.487		0.500		97.3	70-130			
Matrix Spike Dup (2419094-MSD1)				Source:	E405084-	25	Prepared: 0:	5/07/24 Anal	yzed: 05/08/24
Benzene	2.26	0.0250	2.50	ND	90.3	48-131	17.0	23	
Ethylbenzene	2.12	0.0250	2.50	ND	84.6	45-135	17.1	27	
Toluene	2.05	0.0250	2.50	ND	82.1	48-130	16.6	24	
o-Xylene	2.14	0.0250	2.50	ND	85.4	43-135	16.7	27	
p,m-Xylene	4.16	0.0500	5.00	ND	83.2	43-135	17.0	27	
Total Xylenes	6.29	0.0250	7.50	ND	83.9	43-135	16.9	27	
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.509		0.500		102	70-130			



0.500

98.3

70-130

0.492

Surrogate: Toluene-d8

Matador Resources, LLC.Project Name:Jack Sleeper Booster StationReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo5/13/20249:25:51AM

 Nonnai	logenated O	rganics by	7 EPA 801	5D - GR	0			Analyst: RKS
esult g/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec	Rec Limits	RPD %	RPD Limit %	Notes

rimiye	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2419094-BLK1)							Prepared: 0:	5/07/24 Anal	yzed: 05/08/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.497		0.500		99.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.1	70-130			
Surrogate: Toluene-d8	0.481		0.500		96.2	70-130			
LCS (2419094-BS2)							Prepared: 0:	5/07/24 Anal	yzed: 05/08/24
Gasoline Range Organics (C6-C10)	46.1	20.0	50.0		92.2	70-130			
Surrogate: Bromofluorobenzene	0.514		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.519		0.500		104	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.4	70-130			
Matrix Spike (2419094-MS2)				Source:	E405084-2	25	Prepared: 0	5/07/24 Anal	yzed: 05/08/24
Gasoline Range Organics (C6-C10)	49.2	20.0	50.0	ND	98.4	70-130			
Surrogate: Bromofluorobenzene	0.515		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.494		0.500		98.7	70-130			
Matrix Spike Dup (2419094-MSD2)				Source:	E405084-2	25	Prepared: 0	5/07/24 Anal	yzed: 05/08/24
Gasoline Range Organics (C6-C10)	45.1	20.0	50.0	ND	90.1	70-130	8.76	20	
			0.500		101	70-130			
Surrogate: Bromofluorobenzene	0.507		0.500		101	70-130			
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4	0.507 0.501		0.500 0.500		100	70-130			



Matador Resources, LLC.Project Name:Jack Sleeper Booster StationReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo5/13/20249:25:51AM

Danas 171, 75240		1 Toject Ivianage	1. 710	micy Gloveng	50			2,,	
	Nonha		Analyst: KM						
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2419060-BLK1)							Prepared: 0	5/07/24 Ana	lyzed: 05/07/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.1		50.0		102	50-200			
LCS (2419060-BS1)							Prepared: 0	5/07/24 Ana	lyzed: 05/07/24
Diesel Range Organics (C10-C28)	277	25.0	250		111	38-132			
Surrogate: n-Nonane	53.6		50.0		107	50-200			
LCS Dup (2419060-BSD1)							Prepared: 0	5/07/24 Ana	lyzed: 05/07/24
Diesel Range Organics (C10-C28)	279	25.0	250		112	38-132	0.764	20	
Surrogate: n-Nonane	52.4		50.0		105	50-200			



Matador Resources, LLC.Project Name:Jack Sleeper Booster StationReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo5/13/20249:25:51AM

	Nonhal	Analyst: KM							
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2419108-BLK1)							Prepared: 0	5/08/24 Anal	yzed: 05/09/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.3		50.0		105	50-200			
LCS (2419108-BS1)							Prepared: 0	5/08/24 Anal	yzed: 05/09/24
Diesel Range Organics (C10-C28)	286	25.0	250		114	38-132			
Surrogate: n-Nonane	53.3		50.0		107	50-200			
LCS Dup (2419108-BSD1)							Prepared: 0	5/08/24 Anal	lyzed: 05/09/24
Diesel Range Organics (C10-C28)	282	25.0	250		113	38-132	1.39	20	
Surrogate: n-Nonane	52.5		50.0		105	50-200			

Chloride

Chloride

LCS Dup (2419056-BSD1)

Analyst: IY

Prepared: 05/07/24 Analyzed: 05/07/24

## **QC Summary Data**

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500	Project Name: Project Number:	Jack Sleeper Booster Station 23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/13/2024 9:25:51AM

Anions by EPA 300.0/9056A

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2419056-BLK1)						I	Prepared: 0	5/07/24 Analy	yzed: 05/07/24
Chloride	ND	20.0							
LCS (2419056-BS1)						I	Prepared: 0	5/07/24 Analy	yzed: 05/07/24

250

250

20.0

20.0

254

258

101

103

90-110

90-110

1.66

#### 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:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo05/13/24 09:25

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



**Client Information** 

Client: Matador Production Company

Project: Jack Sleeper Booster Station

Relinquished by: (Signature)

Date

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

Invoice Information

Address: 3122 National Parks Hwy

Company: Ensolum LLC

Project	Manager: As	hley Giov	rengo		City	, State, Zip	: Carlsbad	NM, 8822	0					100	000								
	: 3122 Natio			J/		ne: 575-								Ana	alysis	and	Me	thod			EI	PA Progr	ram
	te, Zip: Carls		88220		Ema	ail: agiov	engo@enso	olum.com		15										1 1	SDWA	CWA	RCRA
	575-988-005				Misc	ellaneous:																	
Email: a	igiovengo@e	nsolum.c	om	1							8015	8015								_	Complian	ce Y	or N
-											by 80		21	9	0.0	5	×	tals		F	PWSID#		
				Sample Info	ormatio	n					00	RO	y 80	826	e 30	Z	- 500	Me					
Time Sampled	Date Sampled	Matrix	No. of Containers		S	Sample ID			Field	Lab Number	DRO/ORO	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Remark	S
11:12	5/6/2024	Soil	1		F	S49 - 4.5 <sup>1</sup>				ı						х				4	ush chloride o	nly, if chiloride i STEX or TPH	ls > 600 da not ru
12:21	5/6/2024	Solid	2		F:	S50 - 5.5 <sup>1</sup>				2						х				5	ush chloride o	nly. If chloride i BTEX or YPH	is > 600 do not ru
12:19	5/6/2024	Solid	2		F:	S52 - 5.5 <sup>'</sup>				3						х					ush chloride a	nly. If chloride i	is > 600 do not rui
)												П											
																		П					
																		$\vdash$		++			
																			+	+			
											_												
Addition	nal Instructio	ns: Plea	se CC: cb	urton@ensolun	n.com, a	giovengo	@ensolum.	com, char	nilto	n@ensol	um.c	om,	iestr	ella@	@ens	olun	n.cor	n					
I, (field sam		Cale 1	authenticity of	of this sample. I am a							, date	or time	e of co	llectio	n is co	nsider	ed frau	ıd and n	nay be grou	unds for le	gal action.		
Co	ed by: (Signatur	m	Date 5/6	5/2 4 15 1	8 1	Received by:	(Signature)	nsalec	Date 5	624	Time	5/2	8			sampl		eceived p			be received emp above 0		
			es 5-(	e 24 170	$\mathcal{L}$	CL. 1	(		2	6.14	Time [	70	2				.,	d on ic	1	ab Use Y/N	Only		
c I	ed by: (Signatur	c)		6.24 24	00	Received by:	(Signature)		5	17/24	0	140	5			T1			T2			T3	

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.

Date

Time

Received by: (Signature)



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

AVG Temp °C

Lab Use Only

E405090

#### **Envirotech Analytical Laboratory**

#### Sample Receipt Checklist (SRC)

Printed: 5/7/2024 11:45:40AM

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.

Matador Resources, LLC.	Date Received:	05/07/24	07:45		Work Order ID:	E405090
(972) 371-5200	Date Logged In:	05/07/24	07:44		Logged In By:	Angelina Pineda
agiovngo@ensolum.com	Due Date:	05/07/24	17:00 (0 day TAT)			
Custody (COC)						
e sample ID match the COC?		Yes				
e number of samples per sampling site location matel	the COC	Yes				
mples dropped off by client or carrier?		Yes	Carrier: C	Courier		
COC complete, i.e., signatures, dates/times, requeste	d analyses?	Yes				
		Yes			Commen	ts/Resolution
urn Around Time (TAT)  COC indicate standard TAT, or Expedited TAT?		Yes		On all San	nples : Rush	chloride if >600 Do
<u>ooler</u>				Not Run B	TEX or TPH	[.
ample cooler received?		Yes				
vas cooler received in good condition?		Yes				
sample(s) received intact, i.e., not broken?		Yes				
sustody/security seals present?		No				
were custody/security seals intact?		NA				
Note: Thermal preservation is not required, if samples are reminutes of sampling	eccived w/i 15	Yes				
•	perature. <u>4 '</u>	=				
		No				
-						
•						
•						
- · · · · · · · · · · · · · · · · · · ·						
	rs collected?	Yes				
el						
ield sample labels filled out with the minimum inform	nation:	Ves				
tte/Time Collected?			l			<del></del>
ellectors name?		Yes				
reservation						
he COC or field labels indicate the samples were pres	erved?	No				
mple(s) correctly preserved?		NA				
Ilteration required and/or requested for dissolved me	als?	No				
e Sample Matrix						
		No				
does the COC specify which phase(s) is to be analyze	ed?	NA				
ect Laboratory						
mples required to get sent to a subcontract laboratory	?	No				
subcontract laboratory specified by the client and if s	o who?	NA	Subcontract Lab	: NA		
······································						
	e sample ID match the COC? c number of samples per sampling site location match mples dropped off by client or carrier? COC complete, i.e., signatures, dates/times, requeste l samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e., 15 minute hold time, are not included in this discussion.  In Around Time (TAT) COC indicate standard TAT, or Expedited TAT?  Tooler  Tample cooler received?  Tooler  Tample cooler received in good condition?  Sample(s) received intact, i.e., not broken?  Toustody/security seals present?  The were custody/security seals intact?  Sample received on ice? If yes, the recorded temp is 4°C, i.e.  Note: Thermal preservation is not required, if samples are reminutes of sampling isible ice, record the temperature. Actual sample to the container  The container  The container  The container  The container could be contained for VOC analyses?  The blank (TB) included for VOC analyses?  The VOC samples collected in the correct containers?  The propriate volume/weight or number of sample containers?  The propriate volume/weight or number of sample containers?  The collected?  The Collected for dissolved meters and the correct of the cor	Eastody (COC) e sample ID match the COC? e number of samples per sampling site location match the COC mples dropped off by client or carrier? COC complete, i.e., signatures, dates/times, requested analyses? I 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.  ITH Around Time (TAT) COC indicate standard TAT, or Expedited TAT?  Doler  Imple cooler received?  Vas cooler received in good condition?  sample cooler received intact, i.e., not broken?  ustody/security seals present?  were custody/security seals intact?  sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling isible ice, record the temperature. Actual sample temperature: 4°1  OC samples collected in VOA Vials?  OC samples collected in VOA Vials?  Incompleted to the correct containers?  Porton blank (TB) included for VOC analyses?  In-VOC samples collected in the correct containers collected?  All ideld sample labels filled out with the minimum information:  Imple ID?  Ite/Time Collected?  Illectors name?  Teservation  The COC or field labels indicate the samples were preserved?  Inple(s) correctly preserved?  Illectors name?  Teservation  The COC or field labels indicate the samples were preserved?  Inple(s) correctly preserved?  Illectors namele have more than one phase, i.e., multiphase?  The does the COC specify which phase(s) is to be analyzed?  The Laboratory	e sample ID match the COC? enumber of samples per sampling site location match the COC mples dropped off by client or carrier? COC complete, i.e., signatures, dates/times, requested analyses? Yes 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.  IT Around Time (TAT) COC indicate standard TAT, or Expedited TAT?  Yes  pooler  ample cooler received? Yes yas cooler received in good condition? Yes sample(s) received intact, i.e., not broken? Yes ustody/security seals intact? Note: Thermal preservation is not required, if samples are received wi 15 minutes of sampling sible ice, record the temperature. Actual sample temperature:  OC samples collected in VOA Vials? No cad space less than 6-8 mm (pea sized or less)? Intrib blank (TB) included for VOC analyses? Not-VOC samples collected in the correct containers? Yes proporpitate volume/weight or number of sample containers collected?  Ideid sample labels filled out with the minimum information: Imple ID? Yes  Yes  Yes  Yes  Yes  Yes  Yes  Yes	custody (COC)  e sample ID match the COC? e number of samples per sampling site location match the COC miples dropped off by client or carrier?  COC complete, i.e., signatures, dates/times, requested analyses? yes 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.  IT Around Time (TAT)  COC indicate standard TAT, or Expedited TAT?  The cooler  Target of the cooler received? The cooler received in good condition? The cooler good conditio	Custody (COC)  e sample ID match the COC? e number of samples per sampling site location match the COC mplete, i.e., signatures, dates/times, requested analyses? COC complete, i.e., signatures, dates/times, requested analyses? Yes lasmples received within holding time? Note: Analysis, such as pfl witch should be conducted in the field. i.e., 15 minute hold time, are not included in this disucession.  2	Comment of Samples per sampling site location match the COC Yes mples dropped off by client or carrier? Yes CoC complete, i.e., signatures, dates/times, requested analyses? Yes samples analyse within holding time? Yes Note: Analysis, such as pfit which should be conducted in the field, i.e., 15 minute hold time, are not included in this disussion.  The Around Time (TAT)  COC indicate standard TAT, or Expedited TAT? Yes molet.  The sample cooler received?  Yes vas cooler received in good condition?  Yes samples) received intact, i.e., not broken?  Were custody/security seals intact?  Now were custody/security seals intact?  Now: Thermal preservation is not required, if samples are received wit 15 minutes of sampling siable ice, record the temperature. Actual sample temperature:  Actual sample temperature

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

# **Analytical Report**

Matador Resources, LLC.

Project Name: Jack Sleeper Booster Station

Work Order: E405091

Job Number: 23003-0002

Received: 5/7/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/13/24

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

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

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

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

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

Date Reported: 5/13/24

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

Project Name: Jack Sleeper Booster Station

Workorder: E405091

Date Received: 5/7/2024 7:45:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/7/2024 7:45:00AM, under the Project Name: Jack Sleeper Booster Station.

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

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

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

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

Respectfully,

Walter Hinchman

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## Sample Summary

Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	Donoutoda
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	05/13/24 17:08

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW01 -0-3'	E405091-01A	Soil	05/06/24	05/07/24	Glass Jar, 2 oz.
SW05 -0-3'	E405091-02A	Soil	05/06/24	05/07/24	Glass Jar, 2 oz.
SW06 -0-3'	E405091-03A	Soil	05/06/24	05/07/24	Glass Jar, 2 oz.
FS43 -3'	E405091-04A	Soil	05/06/24	05/07/24	Glass Jar, 2 oz.
FS44 -3'	E405091-05A	Soil	05/06/24	05/07/24	Glass Jar, 2 oz.
FS48 -4.5'	E405091-06A	Soil	05/06/24	05/07/24	Glass Jar, 2 oz.
FS54 -3'	E405091-07A	Soil	05/06/24	05/07/24	Glass Jar, 2 oz.
FS55 -2'	E405091-08A	Soil	05/06/24	05/07/24	Glass Jar, 2 oz.
FS45 -4'	E405091-09A	Soil	05/06/24	05/07/24	Glass Jar, 2 oz.
FS46 -5'	E405091-10A	Soil	05/06/24	05/07/24	Glass Jar, 2 oz.
FS59 -3'	E405091-11A	Soil	05/06/24	05/07/24	Glass Jar, 2 oz.

Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo5/13/20245:08:05PM

SW01 -0-3' E405091-01

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: EG		Batch: 2419079
Benzene	ND	0.0250		1	05/07/24	05/11/24	
Ethylbenzene	ND	0.0250		1	05/07/24	05/11/24	
Toluene	ND	0.0250		1	05/07/24	05/11/24	
o-Xylene	ND	0.0250		1	05/07/24	05/11/24	
p,m-Xylene	ND	0.0500		1	05/07/24	05/11/24	
Total Xylenes	ND	0.0250		1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		108 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		103 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g Analyst: EG				Batch: 2419079
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		108 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		103 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2419158
Diesel Range Organics (C10-C28)	ND	25.0		1	05/09/24	05/11/24	<del></del>
Oil Range Organics (C28-C36)	ND	50.0		1	05/09/24	05/11/24	
Surrogate: n-Nonane		106 %	50-200		05/09/24	05/11/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2419200
Chloride	57.0	20.0		1	05/10/24	05/11/24	



Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo5/13/20245:08:05PM

#### SW05 -0-3' E405091-02

		E405091-02			E403091-02				
Dilution Prep		Reporting Limit	Result	alyte		Di	ution Prepared	Analyzed	Notes
Analyst: EG		mg/kg	mg/kg	tile Organic Compounds by EPA 8260B	mg/kg		Analyst: EG		Batch: 2419079
1 05/0		0.0250	ND	ene			1 05/07/24	05/11/24	
1 05/0		0.0250	ND	lbenzene	0.0250		1 05/07/24	05/11/24	
1 05/0		0.0250	ND	ene	0.0250		1 05/07/24	05/11/24	
1 05/0		0.0250	ND	lene	0.0250		1 05/07/24	05/11/24	
1 05/0		0.0500	ND	Xylene	0.0500		1 05/07/24	05/11/24	
1 05/0		0.0250	ND	Xylenes	0.0250		1 05/07/24	05/11/24	
130 05/0	70-130	104 %		gate: Bromofluorobenzene	104 %	70-130	05/07/24	05/11/24	
130 05/0	70-130	98.8 %		gate: 1,2-Dichloroethane-d4	98.8 %	70-130	05/07/24	05/11/24	
130 05/0	70-130	104 %		gate: Toluene-d8	104 %	70-130	05/07/24	05/11/24	
Analyst: EG		mg/kg	mg/kg	halogenated Organics by EPA 8015D - GRO	mg/kg		Analyst: EG		Batch: 2419079
1 05/0		20.0	ND	line Range Organics (C6-C10)	20.0		1 05/07/24	05/11/24	
130 05/0	70-130	104 %		gate: Bromofluorobenzene	104 %	70-130	05/07/24	05/11/24	
130 05/0	70-130	98.8 %		gate: 1,2-Dichloroethane-d4	98.8 %	70-130	05/07/24	05/11/24	
130 05/0	70-130	104 %		gate: Toluene-d8	104 %	70-130	05/07/24	05/11/24	
Analyst: NV		mg/kg	mg/kg	halogenated Organics by EPA 8015D - DRO/ORO	mg/kg		Analyst: NV		Batch: 2419158
1 05/0		25.0	ND	el Range Organics (C10-C28)	25.0		1 05/09/24	05/11/24	
1 05/0		50.0	ND	tange Organics (C28-C36)	50.0		1 05/09/24	05/11/24	
200 05/0	50-200	110 %		gate: n-Nonane	110 %	50-200	05/09/24	05/11/24	
Analyst: IY		mg/kg	mg/kg	ons by EPA 300.0/9056A	mg/kg		Analyst: IY		Batch: 2419200
1 05/1		20.0	27.8	ride	20.0		1 05/10/24	05/11/24	_
Analyst: IY	30-200	mg/kg		ons by EPA 300.0/9056A	mg/kg	30-200	Analyst: IY		В



Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo5/13/20245:08:05PM

#### SW06 -0-3' E405091-03

		2.00071 00					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: EG		Batch: 2419079
Benzene	ND	0.0250		1	05/07/24	05/11/24	
Ethylbenzene	ND	0.0250		1	05/07/24	05/11/24	
Toluene	ND	0.0250		1	05/07/24	05/11/24	
o-Xylene	ND	0.0250		1	05/07/24	05/11/24	
p,m-Xylene	ND	0.0500		1	05/07/24	05/11/24	
Total Xylenes	ND	0.0250		1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		106 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		103 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: EG		Batch: 2419079
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		106 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		103 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2419158
Diesel Range Organics (C10-C28)	ND	25.0		1	05/09/24	05/12/24	-
Oil Range Organics (C28-C36)	ND	50.0		1	05/09/24	05/12/24	
Surrogate: n-Nonane		107 %	50-200		05/09/24	05/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2419200
Chloride	66.7	20.0		1	05/10/24	05/11/24	



Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/13/2024 5:08:05PM

#### FS43 -3' E405091-04

Analyte	Result	Reporting Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst			Batch: 2419079
Benzene	ND	0.0250		1	05/07/24	05/11/24	Butch: 2 117077
Ethylbenzene	ND	0.0250		1	05/07/24	05/11/24	
Toluene	ND	0.0250		1	05/07/24	05/11/24	
o-Xylene	ND	0.0250		1	05/07/24	05/11/24	
p,m-Xylene	ND	0.0500		1	05/07/24	05/11/24	
Total Xylenes	ND	0.0250		1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		107 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		103 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: EG		Batch: 2419079
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		107 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		103 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2419158
Diesel Range Organics (C10-C28)	ND	25.0		1	05/09/24	05/12/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/09/24	05/12/24	
Surrogate: n-Nonane		103 %	50-200	·	05/09/24	05/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2419200
Chloride	90.2	20.0		1	05/10/24	05/11/24	

Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo5/13/20245:08:05PM

#### FS44 -3' E405091-05

		2.00071 00				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: EG		Batch: 2419079
Benzene	ND	0.0250	1	05/07/24	05/11/24	
Ethylbenzene	ND	0.0250	1	05/07/24	05/11/24	
Toluene	ND	0.0250	1	05/07/24	05/11/24	
o-Xylene	ND	0.0250	1	05/07/24	05/11/24	
p,m-Xylene	ND	0.0500	1	05/07/24	05/11/24	
Total Xylenes	ND	0.0250	1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		106 %	70-130	05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	05/07/24	05/11/24	
Surrogate: Toluene-d8		103 %	70-130	05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: EG		Batch: 2419079
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		106 %	70-130	05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	05/07/24	05/11/24	
Surrogate: Toluene-d8		103 %	70-130	05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2419158
Diesel Range Organics (C10-C28)	ND	25.0	1	05/09/24	05/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/09/24	05/12/24	
Surrogate: n-Nonane		101 %	50-200	05/09/24	05/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: IY		Batch: 2419200
Chloride	141	20.0	1	05/10/24	05/11/24	

Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo5/13/20245:08:05PM

FS48 -4.5' E405091-06

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: EG			Batch: 2419079
Benzene	ND	0.0250	1		05/07/24	05/11/24	
Ethylbenzene	ND	0.0250	1		05/07/24	05/11/24	
Toluene	ND	0.0250	1		05/07/24	05/11/24	
o-Xylene	ND	0.0250	1		05/07/24	05/11/24	
p,m-Xylene	ND	0.0500	1		05/07/24	05/11/24	
Total Xylenes	ND	0.0250	1		05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		105 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		104 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: EG			Batch: 2419079
Gasoline Range Organics (C6-C10)	ND	20.0	1		05/07/24	05/11/24	
Surrogate: Bromofluorobenzene		105 %	70-130		05/07/24	05/11/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		05/07/24	05/11/24	
Surrogate: Toluene-d8		104 %	70-130		05/07/24	05/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV	·		Batch: 2419158
Diesel Range Organics (C10-C28)	ND	25.0	1		05/09/24	05/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	l	05/09/24	05/12/24	
Surrogate: n-Nonane		110 %	50-200		05/09/24	05/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: IY			Batch: 2419200
Chloride	61.4	20.0	1		05/10/24	05/11/24	



Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo5/13/20245:08:05PM

#### FS54 -3' E405091-07

		Reporting				
Analyte	Result	Limit	Dilut	tion Prepare	d Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: EG		Batch: 2419079
Benzene	ND	0.0250	1	05/07/2	4 05/12/24	
Ethylbenzene	ND	0.0250	1	05/07/2	4 05/12/24	
Toluene	ND	0.0250	1	05/07/2	4 05/12/24	
o-Xylene	ND	0.0250	1	05/07/2	4 05/12/24	
p,m-Xylene	ND	0.0500	1	05/07/2	4 05/12/24	
Total Xylenes	ND	0.0250	1	05/07/2	4 05/12/24	
Surrogate: Bromofluorobenzene		108 %	70-130	05/07/2	05/12/24	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130	05/07/2	05/12/24	
Surrogate: Toluene-d8		104 %	70-130	05/07/2	05/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: EG		Batch: 2419079
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/07/2	4 05/12/24	
Surrogate: Bromofluorobenzene		108 %	70-130	05/07/2	05/12/24	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130	05/07/2	05/12/24	
Surrogate: Toluene-d8		104 %	70-130	05/07/2	05/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: NV		Batch: 2419158
Diesel Range Organics (C10-C28)	ND	25.0	1	05/09/2	4 05/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/09/2	4 05/12/24	
Surrogate: n-Nonane		104 %	50-200	05/09/2	05/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: IY		Batch: 2419200
Chloride	111	20.0	1	05/10/2	4 05/11/24	

Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo5/13/20245:08:05PM

#### FS55 -2'

		E405091-08					
		Reporting					
Analyte	Result	Limit	Dilı	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	EG		Batch: 2419079
Benzene	ND	0.0250		1	05/07/24	05/12/24	
Ethylbenzene	ND	0.0250		1	05/07/24	05/12/24	
Toluene	ND	0.0250		1	05/07/24	05/12/24	
o-Xylene	ND	0.0250		1	05/07/24	05/12/24	
p,m-Xylene	ND	0.0500		1	05/07/24	05/12/24	
Total Xylenes	ND	0.0250		1	05/07/24	05/12/24	
Surrogate: Bromofluorobenzene		106 %	70-130		05/07/24	05/12/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		05/07/24	05/12/24	
Surrogate: Toluene-d8		103 %	70-130		05/07/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	EG		Batch: 2419079
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/07/24	05/12/24	
Surrogate: Bromofluorobenzene		106 %	70-130		05/07/24	05/12/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		05/07/24	05/12/24	
Surrogate: Toluene-d8		103 %	70-130		05/07/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2419158
Diesel Range Organics (C10-C28)	ND	25.0		1	05/09/24	05/12/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/09/24	05/12/24	
Surrogate: n-Nonane		108 %	50-200		05/09/24	05/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2419200
Chloride	123	20.0		1	05/10/24	05/11/24	



Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo5/13/20245:08:05PM

#### FS45 -4' E405091-09

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: EG		Batch: 2419079
Benzene	ND	0.0250		1	05/07/24	05/12/24	
Ethylbenzene	ND	0.0250		1	05/07/24	05/12/24	
Toluene	ND	0.0250		1	05/07/24	05/12/24	
o-Xylene	ND	0.0250		1	05/07/24	05/12/24	
p,m-Xylene	ND	0.0500		1	05/07/24	05/12/24	
Total Xylenes	ND	0.0250		1	05/07/24	05/12/24	
Surrogate: Bromofluorobenzene		108 %	70-130		05/07/24	05/12/24	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130		05/07/24	05/12/24	
Surrogate: Toluene-d8		105 %	70-130		05/07/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: EG		Batch: 2419079
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/07/24	05/12/24	
Surrogate: Bromofluorobenzene		108 %	70-130		05/07/24	05/12/24	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130		05/07/24	05/12/24	
Surrogate: Toluene-d8		105 %	70-130		05/07/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2419158
Diesel Range Organics (C10-C28)	ND	25.0		1	05/09/24	05/12/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/09/24	05/12/24	
Surrogate: n-Nonane		106 %	50-200		05/09/24	05/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: IY		Batch: 2419200
Chloride	60.1	20.0		1	05/10/24	05/11/24	



Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo5/13/2024 5:08:05PM

#### FS46 -5' E405091-10

Result	Reporting Limit		tion	Prepared	Analyzed	Notes
mg/kg	mg/kg	A	Analyst: EC	ĵ		Batch: 2419079
ND	0.0250	1		05/07/24	05/12/24	
ND	0.0250	1		05/07/24	05/12/24	
ND	0.0250	1		05/07/24	05/12/24	
ND	0.0250	1		05/07/24	05/12/24	
ND	0.0500	1		05/07/24	05/12/24	
ND	0.0250	1		05/07/24	05/12/24	
	105 %	70-130		05/07/24	05/12/24	
	98.6 %	70-130		05/07/24	05/12/24	
	104 %	70-130		05/07/24	05/12/24	
mg/kg	mg/kg	A	Analyst: E0	î		Batch: 2419079
ND	20.0	1		05/07/24	05/12/24	
	105 %	70-130		05/07/24	05/12/24	
	98.6 %	70-130		05/07/24	05/12/24	
	104 %	70-130		05/07/24	05/12/24	
mg/kg	mg/kg	A	Analyst: N	V		Batch: 2419158
ND	25.0	1		05/09/24	05/12/24	
ND	50.0	1		05/09/24	05/12/24	
	110 %	50-200		05/09/24	05/12/24	
mg/kg	mg/kg	A	Analyst: IY			Batch: 2419200
46.1	20.0	1		05/10/24	05/13/24	
	mg/kg ND Mg/kg ND Mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           ND         98.6 %           104 %         mg/kg           ND         20.0           105 %         98.6 %           104 %         mg/kg           ND         25.0           ND         50.0           110 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           105 %         70-130           98.6 %         70-130           104 %         70-130           mg/kg         mg/kg           ND         20.0         1           105 %         70-130           98.6 %         70-130           104 %         70-130           mg/kg         mg/kg           ND         25.0           ND         50.0           110 %         50-200           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         Analyst: EC           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           ND         70-130         1           98.6 %         70-130         70-130           mg/kg         mg/kg         Analyst: EC           ND         20.0         1           105 %         70-130         70-130           mg/kg         mg/kg         Analyst: EC           ND         25.0         1           ND         25.0         1           ND         50.0         1           110 %         50-200           mg/kg         Mg/kg         Analyst: IY	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: EG           ND         0.0250         1         05/07/24           ND         0.0250         1         05/07/24           ND         0.0250         1         05/07/24           ND         0.0250         1         05/07/24           ND         0.0500         1         05/07/24           ND         0.0250         1         05/07/24           ND         0.0250         1         05/07/24           98.6 %         70-130         05/07/24           98.6 %         70-130         05/07/24           mg/kg         mg/kg         Analyst: EG           ND         20.0         1         05/07/24           105 %         70-130         05/07/24           98.6 %         70-130         05/07/24           104 %         70-130         05/07/24           104 %         70-130         05/07/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         05/09/24           ND         50.0         1         05/09/24	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: EG           ND         0.0250         1         05/07/24         05/12/24           ND         0.0500         1         05/07/24         05/12/24           ND         0.0250         1         05/07/24         05/12/24           ND         0.0250         1         05/07/24         05/12/24           98.6 %         70-130         05/07/24         05/12/24           98.6 %         70-130         05/07/24         05/12/24           mg/kg         mg/kg         Analyst: EG           ND         20.0         1         05/07/24         05/12/24           98.6 %         70-130         05/07/24         05/12/24           98.6 %         70-130         05/07/24         05/12/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1

Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo5/13/2024 5:08:05PM

#### FS59 -3' E405091-11

		E100071 11				
Analyte	Result	Reporting Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: EG		Batch: 2419079
Benzene	ND	0.0250	1	05/07/24	05/12/24	
Ethylbenzene	ND	0.0250	1	05/07/24	05/12/24	
Toluene	ND	0.0250	1	05/07/24	05/12/24	
o-Xylene	ND	0.0250	1	05/07/24	05/12/24	
p,m-Xylene	ND	0.0500	1	05/07/24	05/12/24	
Total Xylenes	ND	0.0250	1	05/07/24	05/12/24	
Surrogate: Bromofluorobenzene		107 %	70-130	05/07/24	05/12/24	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130	05/07/24	05/12/24	
Surrogate: Toluene-d8		104 %	70-130	05/07/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: EG		Batch: 2419079
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/07/24	05/12/24	
Surrogate: Bromofluorobenzene		107 %	70-130	05/07/24	05/12/24	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130	05/07/24	05/12/24	
Surrogate: Toluene-d8		104 %	70-130	05/07/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2419158
Diesel Range Organics (C10-C28)	ND	25.0	1	05/09/24	05/12/24	_
Oil Range Organics (C28-C36)	ND	50.0	1	05/09/24	05/12/24	
Surrogate: n-Nonane		108 %	50-200	05/09/24	05/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: IY		Batch: 2419200
Chloride	94.9	20.0	1	05/10/24	05/13/24	

Matador Resources, LLC.
Project Name: Jack Sleeper Booster Station
St400 LBJ Freeway, Suite 1500
Project Number: 23003-0002

Dallas TX, 75240
Project Manager: Ashley Giovengo

St13/2024 5:08:05PM

Dallas 1A, /3240		Project Manage	r: As	sniey Gioveng	30			3/1.	3/2024 3.08.03FN
	V	olatile Organ		Analyst: EG					
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2419079-BLK1)							Prepared: 0:	5/07/24 Anal	yzed: 05/11/24
Benzene	ND	0.0250					1		<u>'</u>
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	0.524		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.4	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			
LCS (2419079-BS1)							Prepared: 0:	5/07/24 Analy	yzed: 05/11/24
Benzene	2.62	0.0250	2.50		105	70-130			
Ethylbenzene	2.76	0.0250	2.50		111	70-130			
Toluene	2.64	0.0250	2.50		106	70-130			
o-Xylene	2.88	0.0250	2.50		115	70-130			
p,m-Xylene	5.82	0.0500	5.00		116	70-130			
Total Xylenes	8.70	0.0250	7.50		116	70-130			
Surrogate: Bromofluorobenzene	0.529	0.0230	0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.3	70-130			
Surrogate: T,2-Dichioroeinane-u4 Surrogate: Toluene-d8	0.524		0.500		105	70-130			
Matrix Spike (2419079-MS1)				Source:	E405087-	03	Prepared: 0:	5/07/24 Anal	yzed: 05/11/24
	2.53	0.0250	2.50	ND	101	48-131			,
Benzene Ethylbenzene	2.74	0.0250 0.0250	2.50	ND	110	45-135			
Toluene	2.59	0.0250	2.50	ND	104	48-130			
	2.91	0.0250	2.50	ND	116	43-135			
o-Xylene	5.90	0.0250	5.00	ND ND	118	43-135			
p,m-Xylene Total Xylenes	8.81	0.0250	7.50	ND	117	43-135			
•	0.533	0.0230	0.500	ND	107	70-130			
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4	0.533		0.500		96.6	70-130			
Surrogate: Toluene-d8	0.524		0.500		105	70-130			
Matrix Spike Dup (2419079-MSD1)				Source:	E405087-	03	Prepared: 0:	5/07/24 Analy	yzed: 05/11/24
Benzene	2.39	0.0250	2.50	ND	95.6	48-131	5.57	23	
Ethylbenzene	2.61	0.0250	2.50	ND	104	45-135	4.82	27	
Toluene	2.47	0.0250	2.50	ND	98.8	48-130	4.76	24	
o-Xylene	2.80	0.0250	2.50	ND	112	43-135	3.64	27	
p,m-Xylene	5.64	0.0500	5.00	ND	113	43-135	4.50	27	
Total Xylenes	8.44	0.0250	7.50	ND	113	43-135	4.21	27	
Surrogate: Bromofluorobenzene	0.535		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.475		0.500		94.9	70-130			
			0.500		106	<b>50 120</b>			



0.500

106

70-130

0.528

Surrogate: Toluene-d8

Surrogate: Toluene-d8

## **QC Summary Data**

Matador Resources, LLC.Project Name:Jack Sleeper Booster StationReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo5/13/20245:08:05PM

Nonhalogenated (	Organics by	EPA 8015D - GRO
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Analyte R	esult	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
m	ng/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

	mg/kg	mg/kg	mg/kg	mg/kg	%	%0	%	%	Notes
Blank (2419079-BLK1)							Prepared: 0:	5/07/24 Anal	yzed: 05/11/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.524		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.4	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			
LCS (2419079-BS2)							Prepared: 0:	5/07/24 Anal	yzed: 05/11/24
Gasoline Range Organics (C6-C10)	63.1	20.0	50.0		126	70-130			
Surrogate: Bromofluorobenzene	0.542		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.475		0.500		95.0	70-130			
Surrogate: Toluene-d8	0.529		0.500		106	70-130			
Matrix Spike (2419079-MS2)				Source:	E405087-	03	Prepared: 0:	5/07/24 Anal	yzed: 05/11/24
Gasoline Range Organics (C6-C10)	61.1	20.0	50.0	ND	122	70-130			
Surrogate: Bromofluorobenzene	0.557		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.2	70-130			
Surrogate: Toluene-d8	0.534		0.500		107	70-130			
Matrix Spike Dup (2419079-MSD2)				Source:	E405087-	03	Prepared: 0:	5/07/24 Anal	yzed: 05/11/24
Gasoline Range Organics (C6-C10)	56.8	20.0	50.0	ND	114	70-130	7.29	20	
Surrogate: Bromofluorobenzene	0.535		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.2	70-130			

0.500

0.524

105

70-130



Matador Resources, LLC.Project Name:Jack Sleeper Booster StationReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo5/13/20245:08:05PM

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	Nonha	Analyst: NV							
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	N
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2419158-BLK1)							Prepared: 0	5/09/24 Ana	lyzed: 05/11/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.9		50.0		112	50-200			
LCS (2419158-BS1)							Prepared: 0	5/09/24 Ana	lyzed: 05/11/24
Diesel Range Organics (C10-C28)	295	25.0	250		118	38-132			
Surrogate: n-Nonane	54.8		50.0		110	50-200			
LCS Dup (2419158-BSD1)							Prepared: 0	5/09/24 Ana	lyzed: 05/11/24
Diesel Range Organics (C10-C28)	308	25.0	250		123	38-132	4.30	20	
Surrogate: n-Nonane	55.0		50.0		110	50-200			

Chloride

Analyst: IY

## **QC Summary Data**

Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	Reported:
5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Number: Project Manager:	23003-0002 Ashley Giovengo	5/13/2024 5:08:05PM

Anions by EPA 300.0/9056A

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2419200-BLK1)							Prepared: 0:	5/10/24 Anal	yzed: 05/11/24
Chloride	ND	20.0							
LCS (2419200-BS1)							Prepared: 0:	5/10/24 Anal	yzed: 05/13/24
Chloride	253	20.0	250		101	90-110			
LCS Dup (2419200-BSD1)							Prepared: 0:	5/10/24 Anal	yzed: 05/11/24

250

20.0

104

90-110

2.32

259

#### 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:	Jack Sleeper Booster Station	
I	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
l	Dallas TX, 75240	Project Manager:	Ashley Giovengo	05/13/24 17:08

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Released to Imaging: 7/3/2024 1:54:24 PM

Client Information						Invoice Information				Lab Use Only									AT		State			
Client: Matador Production Company					Company: Ensolum LLC				Lab WO# Job Num E 40509( 2300)						her		10	D 2D 3D Std			Park			
Project: Jack Sleeper Booster Station						ddress: 3122 National Parks	Hwa	[		ĬŲĸ	ומל	1	72	003	-Y	n7	110	20		x	x x	<u>vil co l c</u>	<del>"                                     </del>	
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1	3122 Natio					one: 575-988-0055			- 1				Ana	alysis	anu	IAIGI	Inou		_		EPA Program			
City, State, Zip: Carlsbad NM, 88220					mail: agiovengo@ensolum.	.com		200					İ	l	i				-	SDW	CWA	RCRA		
	<u>575-988-005</u>				Mi	scellaneous:									ł	ł	l	İ		Ļ		ــــــــــــــــــــــــــــــــــــــ		
Email: a	giovengo@e	<u>nsolum.c</u>	om							51	15					1			1 1		Compli		Y or N	
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Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Field	lal Num		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					Remar	·KS	
9:13	5/6/2024	Soil	1			SW01 - 0-3'		1							x									
9:23	5/6/2024	Soil	1			SW05 - 0-3'		2							х									
9:25	5/6/2024	Soil	1			SW06 - 0-3'		3							x									
10:58	5/6/2024	Soil	1			FS43 - 3'		4	Ì						х									
11:00	5/6/2024	Soil	1			FS44 - 3'		5	>						х									
11:19	5/6/2024	Soil	1			FS48 - 4.5'		6	,						х									
11:30	5/6/2024	Soil	1			FS54 - 3'		7	,						х									
11:22	5/6/2024	Soil	1			FS55 - 2'		18							х									
11:15	5/6/2024	Soil	1			FS45 - 4'		9							x									
11:03	5/6/2024	Soil	1			FS46 - 5'		7)	2						х									
Addition	al Instructio	ns: Plea	ase CC:	:burton@e	ensolum.com	, agiovengo@ensolum.com,	, chamilt	on@en	rsolu	ım.c	om, i	iestr	ella(	@ens	olun	n.cor	n							
I, (field sam) Sampled by:	/	validity and	lauthentici ナ <sub>ケ</sub> ヘ	ty of this samp	ole. I am aware th	at tampering with or intentionally misla	beling the sa	ample loc	ation,	date	or time	of co	llectio	n is co	nsider	ed frau	ıd and	may b	e groun	ds for l	egal acti	n.		
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Relinquish	ed by: (Signatu	re)	Dat	е	Time	Received by: (Signature)	Date			Time						3 Ten			4					
	rix: S - Soil, <b>Sd</b> - S							ntainer							c, ag	- am	ber g	lass,						
						r arrangements are made. Hazardo h this COC. The liability of the labor										e clie	nt exp	ense.	The re	port fo	or the a	alysis of th	he above	

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Client Information					Invoice Information				Lab Use Only								i -	T/	AT	T	State						
Client: Matador Production Company Project: Jack Sleeper Booster Station					Company: Ensolum LLC			1	Lab \	WO#		24.0	Job Number				1D	2D	3D	Std	ŀ	NM	colu	тТх			
Project:	Jack Sleeper	Booster	Station			Address: 3:	122 National	Parks Hwy			F۷	<b>{O5</b>	09	1	12	no	3-00	02				x		×	-	1	
Project N	Aanager: As	hley Giov	engo				Zip: Carlsbad		0	一 f					·	<u> </u>	<u> </u>			. , .	•						
Address:	3122 Natio	nal Parks	Hwv			Phone: 57					Γ				Ana	lvsis	and	Met	hod	<del></del>		T		FP	A Prog	ram	
City, State, Zip: Carlsbad NM, 88220						ovengo@ens	solum com		_	ŀ					1					П	-+	SDV		CWA		RA	
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Time Sampled	Date Sampled	Matrix	No. of Containers			Sample II	)	1	Field	Lat Numl	ber	DRO/ORO by 8015	GRO/DRO by 8015	ВТЕХ Ьу 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 -	RCRA 8 Metals						Remar	<b>cs</b>	
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I, (field samp	oler), attest to the	validity and	authenticity	of this samp	le. I am aware	that tampering v	with or intentional	lly mislabeling t	he sar	nple loca	ation,	date o	r time	of col	lection	ı is cor	nsidere	d frau	d and r	may be	groun	ds for le	egal ac	ction.			
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Sample Mat	rix: <b>S -</b> Soil, <b>Sd</b> - So	olid, Sg - Slud	lge, A - Aque	ous, O - Othe	!				Cont	ainer 1	Type	: <b>g</b> - s	glass,	<b>p</b> - p	oly/p	olastic	c, ag -	amb	er gla	ass, v	- VO/	<u> </u>	-	-			
						her arrangeme	nts are made. H																r tho	anal.	-16 44		

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

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Printed: 5/7/2024 11:53:03AM

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 s	amples will be analyzed as	requested.

Matador Resources, LLC.	Date Received:	05/07/24	07:45		Work Order ID:	: E405091	
(972) 371-5200	Date Logged In:	05/07/24	08:08		Logged In By:	Angelina Pineda	
agiovngo@ensolum.com	Due Date:	05/13/24	17:00 (4 day TAT)				
Custody (COC)				_			
		Yes					
-	h the COC						
			Carrier: C	ourier			
	ed analyses?		Curior. <u>C</u>	<u>Juliel</u>			
	<b>, -</b>						
Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion			,		Comme	ents/Resolution	
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		Yes					
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were custody/security seals intact?		NA					
Note: Thermal preservation is not required, if samples are minutes of sampling	received w/i 15	Yes	i				
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loes the COC specify which phase(s) is to be analy:	seu?	NA					
ct Laboratory							
nples required to get sent to a subcontract laborator		No					
ubcontract laboratory specified by the client and if	so who?	NA	Subcontract Lab	: NA			
	Enstody (COC)  sample ID match the COC?  mumber of samples per sampling site location match the coc and the coc and the coc and the coc and the conducted in the coc and the conducted in the coc and the conducted in the coc and the conducted in the coc and th	Assiovago@ensolum.com  Due Date:  Castody (COC)  Is sample ID match the COC?  Interpret of samples per sampling site location match the COC imples dropped off by client or carrier?  COC complete, i.e., signatures, dates/times, requested analyses?  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.  In Around Time (TAT)  COC indicate standard TAT, or Expedited TAT?  Probler  Imple cooler received?  as cooler received in good condition?  Insteady/security seals present?  Were custody/security seals intact?  Insteady/security seals inteate?  Insteady/security seals intact?  Insteady/security seals intact?  Insteady/security seals intact?  Insteady/security seals intact?  Insteady/security seals intact	Assumpted to the cooler received in good condition?  Sample society seals present?  Were custody/security seals present?  Work creating preservation is not required, if samples are received with 15 minutes of samples good not required and/so reported to the correct containers?  Wes as space less than 6-8 mm (pea sized or less)?  No samples collected?  Led sample sollected?  Led sollected?  Led sollected?  Led sollected?  Led sollected?  Led sollected?  Led sollected?  Led solle	Instedy (COC) Is sample ID match the COC? Is sample ID match the COC? Insumber of samples per sampling site location match the COC Insumber of samples per sampling site location match the COC Inples dropped off by client or carrier? IN Section of Samples per sampling site location match the COC Inples dropped off by client or carrier? 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Yes  collectors name?  yes  servation.  c OC or field labels indicate the samples were preserved?  No  ploc(s) orecetly preserved?  No  ploc(s) orecetly preserved?  No  ploc(s) orecetly preserved?  No  ploc(s) orecetly preserved?  No  ploc(s) orecetly preserved?  No  ploc(s) orecetly preserved?  No  ploc(s) orecetly preserved?  No  ploc(s) orecetly preserved?  No  sample(s) orecetly preserved?  No  ploc(s) orecetly preserved?  No  sample Matrix.  e sample have more than one phase, i.e., multiphase?  No  tel Laboratory.	Instody (COC)  sample ID match the COC? sample ID match the COC? samples per sampling site location match the COC please apples droped of by client or carrier? COC complete, i.e., signatures, dates/times, requested analyses? Samples received within holding time? COC complete, i.e., signatures, dates/times, requested analyses? Samples received within holding time? COC complete, i.e., signatures, dates/times, requested analyses? Samples received within holding time? 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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: Jack Sleeper Booster Station

Work Order: E405131

Job Number: 23003-0002

Received: 5/9/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/17/24

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

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

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

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

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

Date Reported: 5/17/24

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

Project Name: Jack Sleeper Booster Station

Workorder: E405131

Date Received: 5/9/2024 7:45:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/9/2024 7:45:00AM, under the Project Name: Jack Sleeper Booster Station.

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

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

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

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

Respectfully,

Walter Hinchman

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#### **Sample Summary**

Matador Resources, LLC.Project Name:Jack Sleeper Booster StationReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo05/17/24 15:22

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS58 - 2'	E405131-01A	Soil	05/07/24	05/09/24	Glass Jar, 2 oz.
SW02 - 0-3'	E405131-02A	Soil	05/07/24	05/09/24	Glass Jar, 2 oz.
SW03 - 0-2'	E405131-03A	Soil	05/07/24	05/09/24	Glass Jar, 2 oz.
SW09 - 0-3'	E405131-04A	Soil	05/07/24	05/09/24	Glass Jar, 2 oz.
SW10 - 0-4'	E405131-05A	Soil	05/07/24	05/09/24	Glass Jar, 2 oz.
FS51-4'	E405131-06A	Soil	05/07/24	05/09/24	Glass Jar, 2 oz.
FS57 -3'	E405131-07A	Soil	05/07/24	05/09/24	Glass Jar, 2 oz.
FS56 -3.5'	E405131-08A	Soil	05/07/24	05/09/24	Glass Jar, 2 oz.
FS64 -3'	E405131-09A	Soil	05/07/24	05/09/24	Glass Jar, 2 oz.
FS68 - 4.5'	E405131-10A	Soil	05/07/24	05/09/24	Glass Jar, 2 oz.
FS66 - 5.5'	E405131-11A	Soil	05/07/24	05/09/24	Glass Jar, 2 oz.
FS70 - 5'	E405131-12A	Soil	05/07/24	05/09/24	Glass Jar, 2 oz.
SW11 - 0-6'	E405131-13A	Soil	05/07/24	05/09/24	Glass Jar, 2 oz.
SW12 - 0-6'	E405131-14A	Soil	05/07/24	05/09/24	Glass Jar, 2 oz.
FS47 - 6.5'	E405131-15A	Soil	05/07/24	05/09/24	Glass Jar, 2 oz.
	E405131-15B	Soil	05/07/24	05/09/24	Glass Jar, 2 oz.
BH04 - 3'	E405131-16A	Soil	05/07/24	05/09/24	Glass Jar, 2 oz.
BH04 - 4'	E405131-17A	Soil	05/07/24	05/09/24	Glass Jar, 2 oz.

Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/17/2024 3:22:33PM

#### FS58 - 2' E405131-01

		E403131-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: EG		Batch: 2419170
Benzene	ND	0.0250	1	05/10/24	05/15/24	
Ethylbenzene	ND	0.0250	1	05/10/24	05/15/24	
Toluene	ND	0.0250	1	05/10/24	05/15/24	
o-Xylene	ND	0.0250	1	05/10/24	05/15/24	
p,m-Xylene	ND	0.0500	1	05/10/24	05/15/24	
Total Xylenes	ND	0.0250	1	05/10/24	05/15/24	
Surrogate: 4-Bromochlorobenzene-PID		95.8 %	70-130	05/10/24	05/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2419170
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/24	05/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.2 %	70-130	05/10/24	05/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2420058
Diesel Range Organics (C10-C28)	ND	25.0	1	05/14/24	05/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/14/24	05/16/24	
Surrogate: n-Nonane		111 %	50-200	05/14/24	05/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: WF		Batch: 2420113
Chloride	1280	20.0	1	05/15/24	05/15/24	

Matador Resourc	es, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freewa	y, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240		Project Manager:	Ashley Giovengo	5/17/2024 3:22:33PM

#### SW02 - 0-3' E405131-02

	E403131 02				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	yst: EG		Batch: 2419170
ND	0.0250	1	05/10/24	05/15/24	
ND	0.0250	1	05/10/24	05/15/24	
ND	0.0250	1	05/10/24	05/15/24	
ND	0.0250	1	05/10/24	05/15/24	
ND	0.0500	1	05/10/24	05/15/24	
ND	0.0250	1	05/10/24	05/15/24	
	93.8 %	70-130	05/10/24	05/15/24	
mg/kg	mg/kg	g/kg Analyst: EG			Batch: 2419170
ND	20.0	1	05/10/24	05/15/24	
	93.6 %	70-130	05/10/24	05/15/24	
mg/kg	mg/kg	Anal	yst: NV		Batch: 2420058
ND	25.0	1	05/14/24	05/16/24	
ND	50.0	1	05/14/24	05/16/24	
	110 %	50-200	05/14/24	05/16/24	
mg/kg	mg/kg	Anal	yst: WF		Batch: 2420113
39.1	20.0	1	05/15/24	05/15/24	
	mg/kg ND 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         0.0250           ND         0.0250           MD         0.0250           MD         0.0250           93.8 %         mg/kg           MD         20.0           93.6 %         mg/kg           ND         25.0           ND         50.0           110 %         mg/kg           mg/kg         mg/kg	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Anal           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           93.8 %         70-130           mg/kg         mg/kg         Anal           ND         20.0         1           93.6 %         70-130           mg/kg         mg/kg         Anal           ND         25.0         1           ND         50.0         1           110 %         50-200           mg/kg         Mg/kg         Anal	Reporting           Result         Limit         Dilution         Prepared           mg/kg         Analyst: EG           ND         0.0250         1         05/10/24           ND         0.0250         1         05/10/24           ND         0.0250         1         05/10/24           ND         0.0250         1         05/10/24           ND         0.0500         1         05/10/24           ND         0.0250         1         05/10/24           mg/kg         mg/kg         Analyst: EG           ND         20.0         1         05/10/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         05/10/24           ND         25.0         1         05/14/24           ND         50.0         1         05/14/24           ND         50.0         1         05/14/24           Mg/kg         mg/kg         Analyst: WF	Reporting           Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: EG           ND         0.0250         1         05/10/24         05/15/24           ND         0.0500         1         05/10/24         05/15/24           ND         0.0250         1         05/10/24         05/15/24           MD         0.0250         1         05/10/24         05/15/24           mg/kg         mg/kg         Analyst: EG           ND         20.0         1         05/10/24         05/15/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         05/10/24         05/15/24           ND         50.0         1         05/14/24         05/16/24           ND         50.0         1         05/14/24         05/16/24           ND         50.0         1         05/14/24



Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/17/2024 3:22:33PM

#### SW03 - 0-2' E405131-03

		E403151 05				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: EG		Batch: 2419170
Benzene	ND	0.0250	1	05/10/24	05/15/24	
Ethylbenzene	ND	0.0250	1	05/10/24	05/15/24	
Toluene	ND	0.0250	1	05/10/24	05/15/24	
o-Xylene	ND	0.0250	1	05/10/24	05/15/24	
p,m-Xylene	ND	0.0500	1	05/10/24	05/15/24	
Total Xylenes	ND	0.0250	1	05/10/24	05/15/24	
Surrogate: 4-Bromochlorobenzene-PID		94.0 %	70-130	05/10/24	05/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	/kg Analyst: EG			Batch: 2419170
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/24	05/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	05/10/24	05/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2420058
Diesel Range Organics (C10-C28)	ND	25.0	1	05/14/24	05/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/14/24	05/16/24	
Surrogate: n-Nonane		109 %	50-200	05/14/24	05/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: WF		Batch: 2420113
Chloride	54.7	20.0	1	05/15/24	05/16/24	

Matador Resourc	es, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freewa	y, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240		Project Manager:	Ashley Giovengo	5/17/2024 3:22:33PM

#### SW09 - 0-3' E405131-04

		1403131 04				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: EG		Batch: 2419170
Benzene	ND	0.0250	1	05/10/24	05/14/24	
Ethylbenzene	ND	0.0250	1	05/10/24	05/14/24	
Toluene	ND	0.0250	1	05/10/24	05/14/24	
p-Xylene	ND	0.0250	1	05/10/24	05/14/24	
o,m-Xylene	ND	0.0500	1	05/10/24	05/14/24	
Total Xylenes	ND	0.0250	1	05/10/24	05/14/24	
Surrogate: 4-Bromochlorobenzene-PID		90.9 %	70-130	05/10/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: EG		Batch: 2419170
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/24	05/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.5 %	70-130	05/10/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2420058
Diesel Range Organics (C10-C28)	ND	25.0	1	05/14/24	05/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/14/24	05/16/24	
Surrogate: n-Nonane		107 %	50-200	05/14/24	05/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: WF		Batch: 2420113
Chloride	30.7	20.0	1	05/15/24	05/16/24	



Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
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Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/17/2024 3:22:33PM

#### SW10 - 0-4' E405131-05

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: EG		Batch: 2419170
ND	0.0250	1	05/10/24	05/15/24	
ND	0.0250	1	05/10/24	05/15/24	
ND	0.0250	1	05/10/24	05/15/24	
ND	0.0250	1	05/10/24	05/15/24	
ND	0.0500	1	05/10/24	05/15/24	
ND	0.0250	1	05/10/24	05/15/24	
	94.5 %	70-130	05/10/24	05/15/24	
mg/kg	mg/kg Analyst: EG			Batch: 2419170	
ND	20.0	1	05/10/24	05/15/24	
	92.7 %	70-130	05/10/24	05/15/24	
mg/kg	mg/kg	Anal	yst: NV		Batch: 2420058
ND	25.0	1	05/14/24	05/16/24	
ND	50.0	1	05/14/24	05/16/24	
	106 %	50-200	05/14/24	05/16/24	
mg/kg	mg/kg	Anal	yst: WF		Batch: 2420113
49.1	20.0	1	05/15/24	05/16/24	
	mg/kg ND ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         0.0250           MD         20.0250           94.5 %         mg/kg           MD         20.0           92.7 %         mg/kg           MD         25.0           ND         50.0           106 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg         Anal           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           94.5 %         70-130           mg/kg         mg/kg         Anal           ND         20.0         1           92.7 %         70-130         1           mg/kg         mg/kg         Anal           ND         25.0         1           ND         50.0         1           106 %         50-200           mg/kg         mg/kg         Anal	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: EG           ND         0.0250         1         05/10/24           ND         0.0250         1         05/10/24           ND         0.0250         1         05/10/24           ND         0.0250         1         05/10/24           ND         0.0500         1         05/10/24           ND         0.0250         1         05/10/24           mg/kg         mg/kg         Analyst: EG           ND         20.0         1         05/10/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         05/10/24           ND         25.0         1         05/14/24           ND         50.0         1         05/14/24           ND         50.0         1         05/14/24           ND         50.0         1         05/14/24           Mg/kg         mg/kg         Analyst: WF	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: EG           ND         0.0250         1         05/10/24         05/15/24           ND         0.0500         1         05/10/24         05/15/24           ND         0.0250         1         05/10/24         05/15/24           MD         0.0250         1         05/10/24         05/15/24           Mg/kg         mg/kg         Analyst: EG           ND         20.0         1         05/10/24         05/15/24           mg/kg         mg/kg         Analyst: EG           ND         20.0         1         05/10/24         05/15/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         05/14/24         05/16/24           ND         50.0         1         05/14/24         05/16/24           Mg/kg         mg/kg



Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
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Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/17/2024 3:22:33PM

#### FS51-4' E405131-06

		E403131-00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
				1	,	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: EG		Batch: 2419170
Benzene	ND	0.0250	1	05/10/24	05/15/24	
Ethylbenzene	ND	0.0250	1	05/10/24	05/15/24	
Toluene	ND	0.0250	1	05/10/24	05/15/24	
o-Xylene	ND	0.0250	1	05/10/24	05/15/24	
p,m-Xylene	ND	0.0500	1	05/10/24	05/15/24	
Total Xylenes	ND	0.0250	1	05/10/24	05/15/24	
Surrogate: 4-Bromochlorobenzene-PID		94.5 %	70-130	05/10/24	05/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: EG		Batch: 2419170
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/24	05/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.7 %	70-130	05/10/24	05/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2420058
Diesel Range Organics (C10-C28)	ND	25.0	1	05/14/24	05/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/14/24	05/16/24	
Surrogate: n-Nonane		108 %	50-200	05/14/24	05/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: WF		Batch: 2420113
Chloride	139	20.0	1	05/15/24	05/16/24	



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#### FS57 -3' E405131-07

Result	Reporting Limit		Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: EG		Batch: 2419170
ND	0.0250	1	05/10/24	05/15/24	
ND	0.0250	1	05/10/24	05/15/24	
ND	0.0250	1	05/10/24	05/15/24	
ND	0.0250	1	05/10/24	05/15/24	
ND	0.0500	1	05/10/24	05/15/24	
ND	0.0250	1	05/10/24	05/15/24	
	94.0 %	70-130	05/10/24	05/15/24	
mg/kg	mg/kg	Ana	lyst: EG		Batch: 2419170
ND	20.0	1	05/10/24	05/15/24	
	93.7 %	70-130	05/10/24	05/15/24	
mg/kg	mg/kg	Anal	lyst: NV		Batch: 2420058
ND	25.0	1	05/14/24	05/16/24	
ND	50.0	1	05/14/24	05/16/24	
	110 %	50-200	05/14/24	05/16/24	
mg/kg	mg/kg	Anal	lyst: WF		Batch: 2420113
346	20.0	1	05/15/24	05/16/24	
	mg/kg ND ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         0.0250           MD         20.0           93.7 %         mg/kg           MD         25.0           ND         50.0           II0 %         mg/kg           mg/kg         mg/kg	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           94.0 %         70-130           mg/kg         mg/kg         Ana           ND         20.0         1           93.7 %         70-130         1           mg/kg         mg/kg         Ana           ND         25.0         1           ND         50.0         1           110 %         50-200           mg/kg         mg/kg         Ana	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: EG           ND         0.0250         1         05/10/24           ND         0.0250         1         05/10/24           ND         0.0250         1         05/10/24           ND         0.0250         1         05/10/24           ND         0.0500         1         05/10/24           ND         0.0250         1         05/10/24           mg/kg         mg/kg         Analyst: EG           ND         20.0         1         05/10/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         05/10/24           ND         25.0         1         05/14/24           ND         50.0         1         05/14/24           ND         50.0         1         05/14/24           Mg/kg         mg/kg         Analyst: WF	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: EG           ND         0.0250         1         05/10/24         05/15/24           ND         0.0500         1         05/10/24         05/15/24           ND         0.0250         1         05/10/24         05/15/24           MD         0.0250         1         05/10/24         05/15/24           mg/kg         mg/kg         Analyst: EG           ND         20.0         1         05/10/24         05/15/24           mg/kg         mg/kg         Analyst: EG           ND         20.0         1         05/10/24         05/15/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         05/14/24         05/16/24           ND         50.0         1         05/14/24         05/16/24           ND         50.0

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#### FS56 -3.5' E405131-08

		E403131-00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
				1		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: EG		Batch: 2419170
Benzene	ND	0.0250	1	05/10/24	05/15/24	
Ethylbenzene	ND	0.0250	1	05/10/24	05/15/24	
Toluene	ND	0.0250	1	05/10/24	05/15/24	
o-Xylene	ND	0.0250	1	05/10/24	05/15/24	
p,m-Xylene	ND	0.0500	1	05/10/24	05/15/24	
Total Xylenes	ND	0.0250	1	05/10/24	05/15/24	
Surrogate: 4-Bromochlorobenzene-PID		95.2 %	70-130	05/10/24	05/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: EG		Batch: 2419170
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/24	05/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.7 %	70-130	05/10/24	05/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: NV		Batch: 2420058
Diesel Range Organics (C10-C28)	ND	25.0	1	05/14/24	05/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/14/24	05/16/24	
Surrogate: n-Nonane		106 %	50-200	05/14/24	05/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: WF		Batch: 2420113
Chloride	ND	20.0	1	05/15/24	05/16/24	

Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
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Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/17/2024 3:22:33PM

#### FS64 -3' E405131-09

		2.00101 07				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	*	<u> </u>	Batch: 2419170
Benzene	ND	0.0250	1	05/10/24	05/15/24	
Ethylbenzene	ND	0.0250	1	05/10/24	05/15/24	
Toluene	ND	0.0250	1	05/10/24	05/15/24	
o-Xylene	ND	0.0250	1	05/10/24	05/15/24	
p,m-Xylene	ND	0.0500	1	05/10/24	05/15/24	
Total Xylenes	ND	0.0250	1	05/10/24	05/15/24	
Surrogate: 4-Bromochlorobenzene-PID		94.3 %	70-130	05/10/24	05/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: EG		Batch: 2419170
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/24	05/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.9 %	70-130	05/10/24	05/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2420058
Diesel Range Organics (C10-C28)	ND	25.0	1	05/14/24	05/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/14/24	05/16/24	
Surrogate: n-Nonane		108 %	50-200	05/14/24	05/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: WF		Batch: 2420113
Chloride	131	20.0	1	05/15/24	05/16/24	

Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/17/2024 3:22:33PM

#### FS68 - 4.5' E405131-10

		E403131-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: EG		Batch: 2419170
Benzene	ND	0.0250	1	05/10/24	05/15/24	
Ethylbenzene	ND	0.0250	1	05/10/24	05/15/24	
Toluene	ND	0.0250	1	05/10/24	05/15/24	
o-Xylene	ND	0.0250	1	05/10/24	05/15/24	
p,m-Xylene	ND	0.0500	1	05/10/24	05/15/24	
Total Xylenes	ND	0.0250	1	05/10/24	05/15/24	
Surrogate: 4-Bromochlorobenzene-PID		94.9 %	70-130	05/10/24	05/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: EG		Batch: 2419170
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/24	05/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.8 %	70-130	05/10/24	05/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2420058
Diesel Range Organics (C10-C28)	ND	25.0	1	05/14/24	05/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/14/24	05/16/24	
Surrogate: n-Nonane		112 %	50-200	05/14/24	05/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: WF		Batch: 2420113
Chloride	411	20.0	1	05/15/24	05/16/24	·



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Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/17/2024 3:22:33PM

FS66 - 5.5' E405131-11

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2419170
ND	0.0250	1	05/10/24	05/15/24	
ND	0.0250	1	05/10/24	05/15/24	
ND	0.0250	1	05/10/24	05/15/24	
ND	0.0250	1	05/10/24	05/15/24	
ND	0.0500	1	05/10/24	05/15/24	
ND	0.0250	1	05/10/24	05/15/24	
	93.6 %	70-130	05/10/24	05/15/24	
mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2419170
ND	20.0	1	05/10/24	05/15/24	
	94.1 %	70-130	05/10/24	05/15/24	
mg/kg	mg/kg	Ana	lyst: NV		Batch: 2420058
ND	25.0	1	05/14/24	05/16/24	
ND	50.0	1	05/14/24	05/16/24	
	110 %	50-200	05/14/24	05/16/24	
mg/kg	mg/kg	Ana	lyst: WF		Batch: 2420113
68.9	20.0	1	05/15/24	05/16/24	
	mg/kg ND ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         0.0250           93.6 %           mg/kg         mg/kg           ND         20.0           94.1 %         mg/kg           ND         25.0           ND         50.0           110 %         mg/kg           mg/kg         mg/kg	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           MD         20.0250         1           MB/kg         mg/kg         Ana           ND         20.0         1           MB/kg         mg/kg         Ana           ND         25.0         1           ND         50.0         1           MB/kg         Mg/kg         Ana	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         05/10/24           ND         0.0250         1         05/10/24           ND         0.0250         1         05/10/24           ND         0.0250         1         05/10/24           ND         0.0500         1         05/10/24           ND         0.0250         1         05/10/24           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         05/10/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         05/10/24           ND         25.0         1         05/14/24           ND         50.0         1         05/14/24           ND         50.0         1         05/14/24           ND         50.0         1         05/14/24           Mg/kg         mg/kg         Analyst: WF	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         05/10/24         05/15/24           ND         0.0500         1         05/10/24         05/15/24           ND         0.0250         1         05/10/24         05/15/24           ND         0.0250         1         05/10/24         05/15/24           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         05/10/24         05/15/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         05/10/24         05/16/24           ND         25.0         1         05/14/24         05/16/24           ND         50.0         1         05/14/24         05/16/24           ND         50.0         1         05/14/24         05/16/24           <

Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/17/2024 3:22:33PM

#### FS70 - 5' E405131-12

Result	Reporting				
	Limit	Dilutio	n Prepared	Analyzed	Notes
mg/kg	mg/kg	An	alyst: RKS		Batch: 2419170
ND	0.0250	1	05/10/24	05/15/24	
ND	0.0250	1	05/10/24	05/15/24	
ND	0.0250	1	05/10/24	05/15/24	
ND	0.0250	1	05/10/24	05/15/24	
ND	0.0500	1	05/10/24	05/15/24	
ND	0.0250	1	05/10/24	05/15/24	
	94.2 %	70-130	05/10/24	05/15/24	
mg/kg	mg/kg	An	alyst: RKS		Batch: 2419170
ND	20.0	1	05/10/24	05/15/24	
	93.8 %	70-130	05/10/24	05/15/24	
mg/kg	mg/kg	An	alyst: NV		Batch: 2420058
ND	25.0	1	05/14/24	05/16/24	
ND	50.0	1	05/14/24	05/16/24	
	109 %	50-200	05/14/24	05/16/24	
mg/kg	mg/kg	An	alyst: WF		Batch: 2420113
284	20.0	1	05/15/24	05/16/24	
	ND ND ND ND ND ND Mg/kg ND mg/kg ND mg/kg	ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           94.2 %           mg/kg         mg/kg           ND         20.0           93.8 %         mg/kg           ND         25.0           ND         50.0           109 %         mg/kg           mg/kg         mg/kg	ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1  ND 0.0500 1  ND 0.0250 1  94.2 % 70-130  mg/kg mg/kg An  ND 20.0 1  93.8 % 70-130  mg/kg mg/kg An  ND 50.0 1  109 % 50-200  mg/kg mg/kg An	ND 0.0250 1 05/10/24 ND 0.0250 1 05/10/24 ND 0.0250 1 05/10/24 ND 0.0250 1 05/10/24 ND 0.0250 1 05/10/24 ND 0.0500 1 05/10/24 ND 0.0250 1 05/10/24 ND 0.0250 1 05/10/24 ND 0.0250 1 05/10/24  ### Mailyst: RKS  ### RKS  ### ND 20.0 1 05/10/24  ### ### ### ### Mailyst: NV  ### Mailyst: NV  ### ND 25.0 1 05/10/24  ### ND 25.0 1 05/14/24  ### ND 50.0 1 05/14/24  ### Mailyst: NV  ### ND 25.0 1 05/14/24  ### ND 50.0 1 05/14/24  ### Mailyst: WF	ND 0.0250 1 05/10/24 05/15/24 ND 0.0250 1 05/10/24 05/15/24 ND 0.0250 1 05/10/24 05/15/24 ND 0.0250 1 05/10/24 05/15/24 ND 0.0250 1 05/10/24 05/15/24 ND 0.0500 1 05/10/24 05/15/24 ND 0.0250 1 05/10/24 05/15/24 ND 0.0250 1 05/10/24 05/15/24 ND 0.0250 1 05/10/24 05/15/24  94.2 % 70-130 05/10/24 05/15/24  mg/kg mg/kg Analyst: RKS ND 20.0 1 05/10/24 05/15/24  93.8 % 70-130 05/10/24 05/15/24  mg/kg mg/kg Analyst: NV  ND 25.0 1 05/10/24 05/16/24 ND 50.0 1 05/14/24 05/16/24  ND 50.0 1 05/14/24 05/16/24  mg/kg mg/kg Analyst: WF



Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/17/2024 3:22:33PM

#### SW11 - 0-6' E405131-13

		E403131-13				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
				1		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: RKS		Batch: 2419170
Benzene	ND	0.0250	1	05/10/24	05/15/24	
Ethylbenzene	ND	0.0250	1	05/10/24	05/15/24	
Toluene	ND	0.0250	1	05/10/24	05/15/24	
o-Xylene	ND	0.0250	1	05/10/24	05/15/24	
p,m-Xylene	ND	0.0500	1	05/10/24	05/15/24	
Total Xylenes	ND	0.0250	1	05/10/24	05/15/24	
Surrogate: 4-Bromochlorobenzene-PID		94.2 %	70-130	05/10/24	05/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: RKS		Batch: 2419170
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/24	05/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	05/10/24	05/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: NV		Batch: 2420058
Diesel Range Organics (C10-C28)	ND	25.0	1	05/14/24	05/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/14/24	05/16/24	
Surrogate: n-Nonane		108 %	50-200	05/14/24	05/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: WF		Batch: 2420113
Chloride	6110	100	5	05/15/24	05/16/24	



Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/17/2024 3:22:33PM

## SW12 - 0-6'

		E405131-14				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2419170
Benzene	ND	0.0250	1	05/10/24	05/15/24	
Ethylbenzene	ND	0.0250	1	05/10/24	05/15/24	
Toluene	ND	0.0250	1	05/10/24	05/15/24	
o-Xylene	ND	0.0250	1	05/10/24	05/15/24	
p,m-Xylene	0.0583	0.0500	1	05/10/24	05/15/24	
Total Xylenes	0.0583	0.0250	1	05/10/24	05/15/24	
Surrogate: 4-Bromochlorobenzene-PID		93.5 %	70-130	05/10/24	05/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2419170
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/24	05/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.4 %	70-130	05/10/24	05/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2420058
Diesel Range Organics (C10-C28)	ND	25.0	1	05/14/24	05/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/14/24	05/16/24	
Surrogate: n-Nonane		106 %	50-200	05/14/24	05/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: WF		Batch: 2420113
Chloride	3470	40.0	2	05/15/24	05/16/24	



Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/17/2024 3:22:33PM

FS47 - 6.5' E405131-15

		E-103131-13				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: RKS		Batch: 2419170
Benzene	ND	0.0250	1	05/10/24	05/15/24	
Ethylbenzene	ND	0.0250	1	05/10/24	05/15/24	
Toluene	ND	0.0250	1	05/10/24	05/15/24	
o-Xylene	ND	0.0250	1	05/10/24	05/15/24	
o,m-Xylene	ND	0.0500	1	05/10/24	05/15/24	
Total Xylenes	ND	0.0250	1	05/10/24	05/15/24	
Surrogate: 4-Bromochlorobenzene-PID		93.9 %	70-130	05/10/24	05/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2419170
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/24	05/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.9 %	70-130	05/10/24	05/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2420058
Diesel Range Organics (C10-C28)	ND	25.0	1	05/14/24	05/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/14/24	05/16/24	
Surrogate: n-Nonane		109 %	50-200	05/14/24	05/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2419163
Chloride	465	20.0	1	05/10/24	05/10/24	



Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/17/2024 3:22:33PM

#### BH04 - 3' E405131-16

	E403131-10				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
ma/ka	ma/ka	Analy		<u> </u>	Batch: 2419170
				05/15/24	Daten. 2417170
		1			
		1			
		1			
		1			
ND	0.0500	1	05/10/24	05/15/24	
ND	0.0250	1	05/10/24	05/15/24	
	93.1 %	70-130	05/10/24	05/15/24	
mg/kg	mg/kg	Analy	st: RKS		Batch: 2419170
ND	20.0	1	05/10/24	05/15/24	
	95.9 %	70-130	05/10/24	05/15/24	
mg/kg	mg/kg	Analy	st: NV		Batch: 2420058
ND	25.0	1	05/14/24	05/16/24	
ND	50.0	1	05/14/24	05/16/24	
	109 %	50-200	05/14/24	05/16/24	
mg/kg	mg/kg	Analy	st: WF		Batch: 2420113
_	mg/kg  ND ND ND ND ND ND ND ND ND ND ND ND ND	Result         Reporting Limit           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           93.1 %         mg/kg           mg/kg         mg/kg           ND         20.0           95.9 %         mg/kg           MD         25.0           ND         50.0	Result         Limit         Dilution           mg/kg         mg/kg         Analy           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           MD         0.0250         1           93.1 %         70-130           mg/kg         mg/kg         Analy           ND         20.0         1           mg/kg         mg/kg         Analy           ND         25.9 %         70-130           mg/kg         Mg/kg         Analy           ND         25.0         1           ND         50.0         1	Reporting           Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         05/10/24           ND         0.0250         1         05/10/24           ND         0.0250         1         05/10/24           ND         0.0500         1         05/10/24           ND         0.0250         1         05/10/24           ND         0.0250         1         05/10/24           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         05/10/24           mg/kg         mg/kg         Analyst: NV           ND         25.9         70-130         05/10/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         05/14/24           ND         50.0         1         05/14/24	Reporting           Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         05/10/24         05/15/24           ND         0.0500         1         05/10/24         05/15/24           ND         0.0250         1         05/10/24         05/15/24           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         05/10/24         05/15/24           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         05/10/24         05/15/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         05/14/24         05/16/24           ND         50.0         1         05/14/24         05/16/24



Matador Resourc	es, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freewa	y, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240		Project Manager:	Ashley Giovengo	5/17/2024 3:22:33PM

#### BH04 - 4' E405131-17

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: RKS		Batch: 2419170
ND	0.0250	1	05/10/24	05/15/24	
ND	0.0250	1	05/10/24	05/15/24	
ND	0.0250	1	05/10/24	05/15/24	
ND	0.0250	1	05/10/24	05/15/24	
ND	0.0500	1	05/10/24	05/15/24	
ND	0.0250	1	05/10/24	05/15/24	
	94.1 %	70-130	05/10/24	05/15/24	
mg/kg	mg/kg	Anal	yst: RKS		Batch: 2419170
ND	20.0	1	05/10/24	05/15/24	
	93.9 %	70-130	05/10/24	05/15/24	
mg/kg	mg/kg	Anal	yst: NV		Batch: 2420058
ND	25.0	1	05/14/24	05/16/24	
ND	50.0	1	05/14/24	05/16/24	
	110 %	50-200	05/14/24	05/16/24	
mg/kg	mg/kg	Anal	yst: WF		Batch: 2420113
25.1	20.0	1	05/15/24	05/16/24	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         0.0250           94.1 %         mg/kg           MD         20.0           93.9 %         mg/kg           MD         25.0           ND         50.0           110 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg         Anal           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           94.1 %         70-130           mg/kg         mg/kg         Anal           ND         20.0         1           93.9 %         70-130         1           mg/kg         mg/kg         Anal           ND         25.0         1           ND         50.0         1           110 %         50-200           mg/kg         Mg/kg         Anal	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         05/10/24           ND         0.0250         1         05/10/24           ND         0.0250         1         05/10/24           ND         0.0250         1         05/10/24           ND         0.0500         1         05/10/24           ND         0.0250         1         05/10/24           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         05/10/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         05/10/24           ND         25.0         1         05/14/24           ND         50.0         1         05/14/24           ND         50.0         1         05/14/24           Mg/kg         mg/kg         Analyst: NV	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         05/10/24         05/15/24           ND         0.0500         1         05/10/24         05/15/24           ND         0.0250         1         05/10/24         05/15/24           ND         0.0250         1         05/10/24         05/15/24           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         05/10/24         05/15/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         05/10/24         05/16/24           ND         25.0         1         05/14/24         05/16/24           ND         50.0         1         05/14/24         05/16/24           ND         50.0         1         05/14/24         05/16/24           <



Total Xylenes

Ethylbenzene Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Surrogate: 4-Bromochlorobenzene-PID

Matrix Spike Dup (2419170-MSD1)

7.24

5.02

4.89

4 96

4.86

9.91

14.8

7.28

#### **QC Summary Data**

Jack Sleeper Booster Station Matador Resources, LLC. Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 Dallas TX, 75240 Project Manager: Ashley Giovengo 5/17/2024 3:22:33PM **Volatile Organics by EPA 8021B** Analyst: EG Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2419170-BLK1) Prepared: 05/10/24 Analyzed: 05/14/24 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 7.30 8.00 91.3 70-130 LCS (2419170-BS1) Prepared: 05/10/24 Analyzed: 05/14/24 5.05 101 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.91 0.0250 5.00 98.2 70-130 5.00 0.0250 5.00 99.9 70-130 Toluene 97.7 o-Xylene 4.88 0.0250 5.00 70-130 9.97 10.0 99.7 70-130 0.0500 p.m-Xvlene 99.0 70-130 14.9 15.0 Total Xylenes 0.0250 8.00 91.6 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.33 Matrix Spike (2419170-MS1) Source: E405131-04 Prepared: 05/10/24 Analyzed: 05/14/24 4.99 0.0250 5.00 ND 54-133 Benzene ND 61-133 Ethylbenzene 4.85 0.0250 5.00 96.9 Toluene 4.93 0.0250 5.00 ND 98.6 61-130 4.82 ND 63-131 5.00 96.4 0.0250 o-Xylene p,m-Xylene 9.84 0.0500 10.0 ND 98.4 63-131 0.0250 15.0 ND 63-131

8.00

5.00

5.00

5.00

5.00

10.0

15.0

8.00

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

70-130

54-133

61-133

61-130

63-131

63-131

63-131

70-130

0.701

0.859

0.623

0.751

0.760

0.757

Source: E405131-04

97.8

99.2

97.1

99.1

98.5

91.0

ND

ND

ND

ND

ND

ND



Prepared: 05/10/24 Analyzed: 05/14/24

20

20

20

20

20

#### **QC Summary Data**

Jack Sleeper Booster Station Matador Resources, LLC. Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 Dallas TX, 75240 Project Manager: Ashley Giovengo 5/17/2024 3:22:33PM

	Non	Analyst: EG							
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2419170-BLK1)							Prepared: 0	5/10/24 Ana	lyzed: 05/14/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.80		8.00		97.5	70-130			
LCS (2419170-BS2)							Prepared: 0	5/10/24 Ana	lyzed: 05/14/24

Gasoline Range Organics (C6-C10)	43.0	20.0	50.0		85.9	70-130	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.68		8.00		96.0	70-130	
Matrix Spike (2419170-MS2)				Source:	E405131-0	)4	Prepared: 05/10/24 Analyzed: 05/14/24
Gasoline Range Organics (C6-C10)	44.9	20.0	50.0	ND	89.9	70-130	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.80		8.00		97.4	70-130	

Matrix Spike Dup (2419170-MSD2)				Source:	E405131-0	04	Prepared: 05	5/10/24 An	alyzed: 05/14/24
Gasoline Range Organics (C6-C10)	44.8	20.0	50.0	ND	89.5	70-130	0.430	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.78		8.00		97.2	70-130			

## **QC Summary Data**

Matador Resources, LLC.Project Name:Jack Sleeper Booster StationReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo5/17/20243:22:33PM

Danas 1A, /3240		Project Manage	r: As	sniey Gioveng	go			J	5/1//2024 5:22:55FW				
	Nonha	logenated Or	ganics by	EPA 8015I	) - DRO	/ORO			Analyst: NV				
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit					
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes				
Blank (2420058-BLK1)							Prepared: 0	5/14/24 An	alyzed: 05/16/24				
Diesel Range Organics (C10-C28)	ND	25.0											
Oil Range Organics (C28-C36)	ND	50.0											
Surrogate: n-Nonane	55.4		50.0		111	50-200							
LCS (2420058-BS1)							Prepared: 0	5/14/24 An	alyzed: 05/16/24				
Diesel Range Organics (C10-C28)	252	25.0	250		101	38-132							
Surrogate: n-Nonane	54.2		50.0		108	50-200							
LCS Dup (2420058-BSD1)							Prepared: 0	5/14/24 An	alyzed: 05/16/24				
Diesel Range Organics (C10-C28)	256	25.0	250		102	38-132	1.30	20					
Surrogate: n-Nonane	54.6		50.0		109	50-200							

LCS Dup (2419163-BSD1)

Chloride

Prepared: 05/10/24 Analyzed: 05/10/24

# **QC Summary Data**

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500	Project Name: Project Number:	Jack Sleeper Booster Station 23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/17/2024 3:22:33PM

Dallas 1X, /5240		Project Manage	r: As	sniey Gioveng	go				3/1//2024 3:22:33PI				
		Anions	by EPA 3	00.0/9056	4				Analyst: IY				
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes				
Blank (2419163-BLK1)							Prepared: 0	5/10/24 A	Analyzed: 05/10/24				
Chloride	ND	20.0											
LCS (2419163-BS1)							Prepared: 0	5/10/24 A	Analyzed: 05/10/24				
Chloride	249	20.0	250		99.6	90-110							

250

20.0

102

90-110

1.93

254

Chloride

## **QC Summary Data**

Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	-
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/17/2024 3:22:33PM

Anions by EPA 300.0/9056A

			Analyst: WF						
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2420113-BLK1)							Prepared: 0	5/15/24 Anal	yzed: 05/15/24
Chloride	ND	20.0							
LCS (2420113-BS1)							Prepared: 0	5/15/24 Anal	yzed: 05/15/24
Chloride	254	20.0	250		101	90-110			
LCS Dup (2420113-BSD1)							Prepared: 0	5/15/24 Anal	yzed: 05/15/24

250

20.0

101

90-110

0.0205

254

#### QC Summary Report Comment:

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



#### **Definitions and Notes**

Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo05/17/24 15:22

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



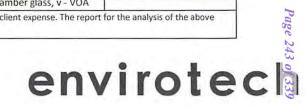
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	24 8:

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	/lanager: As					City, State, Zip: Carlsbad		)			<del>V</del>							·						
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9:34	5/7/2024	Soil	1			SW03 - 0-2'			3							х								
9:36	5/7/2024	Soil	1			SW09 - 03'			ч							х								·
9:38	5/7/2024	Soil	1			SW10 - 0-4'	·		5							х								
10:36	5/7/2024	Soil	1			FS51 - 4'			6							x								
11:33	5/7/2024	Soil	1			FS57 - 3'			7							х								
11:55	5/7/2024	Soil	1			FS56 - 3.5'			В							х								
13:37	5/7/2024	Soil	1			FS64 - 3'			9							х								
14:13	5/7/2024	Soil	1			FS68 - 4.5'			10							х								
Addition	al Instructio	ns: Plea	se CC: cb	urton@e	ensolum.co	m, agiovengo@ensolum.	.com, chan	nilto	n@ens	solu	ım.c	om, i	estr	ella@	ens	olun	n.con	n						
I. (field samp	ler), attest to the	validity and	authenticity	of this samp	le. Lam aware i	that tampering with or intentional	ly mislaheling t	he sar	mole locat	tion	date	or time	ofro	lection	is cor	sidere	ed frau	d and	mav h	e grou	nds for	legal action		
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samples is a	applicable only	to those sa	mples rece	ived by the	laboratory w	ith this COC. The liability of the	e laboratory i	s limi	ited to th	he ar	mour	t paid	for o	n the	repor	t.								- 1

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14:35	5/7/2024	Soil	1			FS66 - 5.5'			11						х									
14:43	5/7/2024	Soil	1			FS70 - 5'		F	12		T				х									
10:21	5/7/2024	Soil	1			SW11 - 0-6'			13	,					х									
10:17	5/7/2024	Soil	1			SW12 - 0-6'			14		T				х									
15:11	5/7/2024	Solid	2			FS47 - 6.5'			15		1				х								this sam	aple Do not n
14:00	5/7/2024	Soil	1			BH04 - 3'			16						х									
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#### **Envirotech Analytical Laboratory**

Printed: 5/9/2024 10:28:56AM

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.

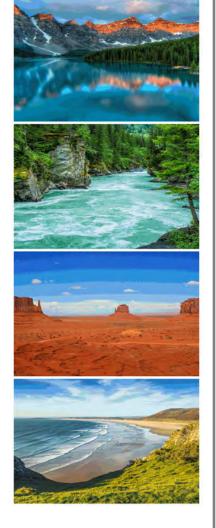
Client:	Matador Resources, LLC.	Date Received:	05/09/24	07:45		Work Order ID:	E405131
Phone:	(972) 371-5200	Date Logged In:	05/09/24	08:04		Logged In By:	Angelina Pineda
Email:	agiovngo@ensolum.com	Due Date:	05/15/24	17:00 (4 day TAT)			•
Chain of	Custody (COC)					<del></del>	
1. Does th	e sample ID match the COC?		Yes				
2. Does th	e number of samples per sampling site location mat	ch the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: C	Courier		
4. Was the	COC complete, i.e., signatures, dates/times, reques	ited analyses?	Yes				
5. Were al	I samples received within holding time?  Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssic		Yes			Comment	s/Resolution
	urn Around Time (TAT)  COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C	•						
	ample cooler received?		Yes				
8. If yes, v	was cooler received in good condition?		Yes				
9. Was the	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? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling risible ice, record the temperature. Actual sample	e received w/i 15	Yes				
Sample C	·	•	_				
	ueous VOC samples present?		No				
	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				
	ppropriate volume/weight or number of sample contain		Yes				
Field Lab	<u>el</u>						
20. Were 1	field sample labels filled out with the minimum info	rmation:					
	imple ID?		Yes				
	ate/Time Collected?  ollectors name?		Yes				<del>-</del> -
	reservation		Yes				
	he COC or field labels indicate the samples were pr	eserved?	No				
	mple(s) correctly preserved?		NA				
	filteration required and/or requested for dissolved m	etals?	No				
	se Sample Matrix						
	he sample have more than one phase, i.e., multiphas	se?	No				
	does the COC specify which phase(s) is to be analy		NA				
•			IVA.				
	act Laboratory	0	No				
	mples required to get sent to a subcontract laborator subcontract laboratory specified by the client and if	•	NA NA	Subcontract Lab	. NIA		
	• •	SO WIIO:	IVA	Subcontract Lab	; NA		
Client In	struction						
[							
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<u> </u>							

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

Date

envirotech Inc.

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

Practical Solutions for a Better Tomorrow

# **Analytical Report**

Matador Resources, LLC.

Project Name: Jack Sleeper Booster Station

Work Order: E405132

Job Number: 23003-0002

Received: 5/9/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/17/24

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

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

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

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

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

Date Reported: 5/17/24

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

Project Name: Jack Sleeper Booster Station

Workorder: E405132

Date Received: 5/9/2024 7:45:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/9/2024 7:45:00AM, under the Project Name: Jack Sleeper Booster Station.

The analytical test results summarized in this report with the Project Name: Jack Sleeper Booster Station 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

**Alexa Michaels** 

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

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Southern New Mexico Area

Lynn Jarboe

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

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Golzales

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

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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## **Sample Summary**

Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	Donoutoda
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	05/17/24 18:04

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS69 - 3'	E405132-01A	Soil	05/08/24	05/09/24	Glass Jar, 2 oz.
FS67 - 2'	E405132-02A	Soil	05/08/24	05/09/24	Glass Jar, 2 oz.
SW07 - 0-3'	E405132-03A	Soil	05/08/24	05/09/24	Glass Jar, 2 oz.
FS63 -3'	E405132-04A	Soil	05/08/24	05/09/24	Glass Jar, 2 oz.
FS65 -4'	E405132-05A	Soil	05/08/24	05/09/24	Glass Jar, 2 oz.
FS62 -3.5'	E405132-06A	Soil	05/08/24	05/09/24	Glass Jar, 2 oz.
FS61 -4'	E405132-07A	Soil	05/08/24	05/09/24	Glass Jar, 2 oz.
FS53 -3'	E405132-08A	Soil	05/08/24	05/09/24	Glass Jar, 2 oz.
SW08 -0-4.5'	E405132-09A	Soil	05/08/24	05/09/24	Glass Jar, 2 oz.
SW04 -0-3'	E405132-10A	Soil	05/08/24	05/09/24	Glass Jar, 2 oz.
FS60 -3'	E405132-11A	Soil	05/08/24	05/09/24	Glass Jar, 2 oz.
FS61 -5.5'	E405132-12A	Solid	05/08/24	05/09/24	Glass Jar, 2 oz.
	E405132-12B	Solid	05/08/24	05/09/24	Glass Jar, 2 oz.

Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/17/2024 6:04:54PM

FS69 - 3' E405132-01

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RAS		Batch: 2419194
Benzene	ND	0.0250	1	1	05/10/24	05/15/24	
Ethylbenzene	ND	0.0250	1	1	05/10/24	05/15/24	
Toluene	ND	0.0250	1	1	05/10/24	05/15/24	
o-Xylene	ND	0.0250	1	1	05/10/24	05/15/24	
p,m-Xylene	ND	0.0500	1	1	05/10/24	05/15/24	
Total Xylenes	ND	0.0250	1	1	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		05/10/24	05/15/24	
Surrogate: Toluene-d8		96.4 %	70-130		05/10/24	05/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RAS		Batch: 2419194
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		05/10/24	05/15/24	
Surrogate: Toluene-d8		96.4 %	70-130		05/10/24	05/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2420055
Diesel Range Organics (C10-C28)	ND	25.0	1	1	05/14/24	05/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	05/14/24	05/17/24	
Surrogate: n-Nonane		108 %	50-200		05/14/24	05/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2420115
Chloride	393	20.0	1	1	05/15/24	05/15/24	

Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/17/2024 6:04:54PM

FS67 - 2' E405132-02

Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419194
Benzene	ND	0.0250		1	05/10/24	05/14/24	
Ethylbenzene	ND	0.0250		1	05/10/24	05/14/24	
Toluene	ND	0.0250		1	05/10/24	05/14/24	
o-Xylene	ND	0.0250		1	05/10/24	05/14/24	
p,m-Xylene	ND	0.0500		1	05/10/24	05/14/24	
Total Xylenes	ND	0.0250		1	05/10/24	05/14/24	
Surrogate: Bromofluorobenzene		100 %	70-130		05/10/24	05/14/24	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130		05/10/24	05/14/24	
Surrogate: Toluene-d8		96.3 %	70-130		05/10/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419194
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/10/24	05/14/24	
Surrogate: Bromofluorobenzene		100 %	70-130		05/10/24	05/14/24	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130		05/10/24	05/14/24	
Surrogate: Toluene-d8		96.3 %	70-130		05/10/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2420055
Diesel Range Organics (C10-C28)	ND	25.0		1	05/14/24	05/17/24	-
Oil Range Organics (C28-C36)	ND	50.0		1	05/14/24	05/17/24	
Surrogate: n-Nonane		106 %	50-200		05/14/24	05/17/24	
Anions by EPA 300.0/9056A	ons by EPA 300.0/9056A mg/kg mg/kg			Analyst		Batch: 2420115	
Chloride	ND	20.0		1	05/15/24	05/15/24	

Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo5/17/20246:04:54PM

SW07 - 0-3' E405132-03

Analyte	Result	Reporting Limit	Dilut	tion	Prepared	Analyzed	Notes
Amary					•	Allalyzed	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: R			Batch: 2419194
Benzene	ND	0.0250	1		05/10/24	05/15/24	
Ethylbenzene	ND	0.0250	1		05/10/24	05/15/24	
Toluene	ND	0.0250	1		05/10/24	05/15/24	
o-Xylene	ND	0.0250	1		05/10/24	05/15/24	
p,m-Xylene	ND	0.0500	1		05/10/24	05/15/24	
Total Xylenes	ND	0.0250	1		05/10/24	05/15/24	
Surrogate: Bromofluorobenzene		102 %	70-130		05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130		05/10/24	05/15/24	
Surrogate: Toluene-d8		96.3 %	70-130		05/10/24	05/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS				Batch: 2419194
Gasoline Range Organics (C6-C10)	ND	20.0	1		05/10/24	05/15/24	
Surrogate: Bromofluorobenzene		102 %	70-130		05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130		05/10/24	05/15/24	
Surrogate: Toluene-d8		96.3 %	70-130		05/10/24	05/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: Kl	M		Batch: 2420055
Diesel Range Organics (C10-C28)	ND	25.0	1		05/14/24	05/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1		05/14/24	05/17/24	
Surrogate: n-Nonane		109 %	50-200		05/14/24	05/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: IY	,		Batch: 2420115
Chloride	52.1	20.0	1		05/15/24	05/15/24	



Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo5/17/2024 6:04:54PM

#### FS63 -3' E405132-04

		E403132-04					
Analyte	Result	Reporting Limit	Dilu	tion	Prepared	Analyzed	Notes
Allaryte					•	Allalyzed	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: RA	.S		Batch: 2419194
Benzene	ND	0.0250	1	l	05/10/24	05/15/24	
Ethylbenzene	ND	0.0250	1	l	05/10/24	05/15/24	
Toluene	ND	0.0250	1	l	05/10/24	05/15/24	
o-Xylene	ND	0.0250	1	l	05/10/24	05/15/24	
p,m-Xylene	ND	0.0500	1	l	05/10/24	05/15/24	
Total Xylenes	ND	0.0250	1	Į	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene		100 %	70-130		05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		05/10/24	05/15/24	
Surrogate: Toluene-d8		96.4 %	70-130		05/10/24	05/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: RA	.S		Batch: 2419194
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene		100 %	70-130		05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		05/10/24	05/15/24	
Surrogate: Toluene-d8		96.4 %	70-130		05/10/24	05/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: KM	1		Batch: 2420055
Diesel Range Organics (C10-C28)	ND	25.0	1	1	05/14/24	05/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	l	05/14/24	05/17/24	
Surrogate: n-Nonane		110 %	50-200		05/14/24	05/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: IY			Batch: 2420115
Chloride	ND	20.0	1	1	05/15/24	05/15/24	

Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo5/17/20246:04:54PM

## FS65 -4' E405132-05

		2.00102 00					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2419194
Benzene	ND	0.0250		1	05/10/24	05/15/24	
Ethylbenzene	ND	0.0250		1	05/10/24	05/15/24	
Toluene	ND	0.0250		1	05/10/24	05/15/24	
o-Xylene	ND	0.0250		1	05/10/24	05/15/24	
p,m-Xylene	ND	0.0500		1	05/10/24	05/15/24	
Total Xylenes	ND	0.0250		1	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		05/10/24	05/15/24	
Surrogate: Toluene-d8		96.3 %	70-130		05/10/24	05/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2419194
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		05/10/24	05/15/24	
Surrogate: Toluene-d8		96.3 %	70-130		05/10/24	05/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2420055
Diesel Range Organics (C10-C28)	ND	25.0	_	1	05/14/24	05/17/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/14/24	05/17/24	
Surrogate: n-Nonane		93.1 %	50-200		05/14/24	05/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: IY		Batch: 2420115
Chloride	320	20.0		1	05/15/24	05/15/24	_

Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo5/17/2024 6:04:54PM

FS62 -3.5' E405132-06

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: R.	AS		Batch: 2419194
Benzene	ND	0.0250	1		05/10/24	05/15/24	
Ethylbenzene	ND	0.0250	1		05/10/24	05/15/24	
Toluene	ND	0.0250	1		05/10/24	05/15/24	
o-Xylene	ND	0.0250	1		05/10/24	05/15/24	
p,m-Xylene	ND	0.0500	1		05/10/24	05/15/24	
Total Xylenes	ND	0.0250	1		05/10/24	05/15/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		05/10/24	05/15/24	
Surrogate: Toluene-d8		96.3 %	70-130		05/10/24	05/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: R.	AS		Batch: 2419194
Gasoline Range Organics (C6-C10)	ND	20.0	1		05/10/24	05/15/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		05/10/24	05/15/24	
Surrogate: Toluene-d8		96.3 %	70-130		05/10/24	05/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: K	М		Batch: 2420055
Diesel Range Organics (C10-C28)	ND	25.0	1		05/14/24	05/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1		05/14/24	05/17/24	
Surrogate: n-Nonane		94.0 %	50-200		05/14/24	05/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: IY			Batch: 2420115
Chloride	197	20.0	1		05/15/24	05/15/24	



Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo5/17/2024 6:04:54PM

## FS61 -4' E405132-07

		1100102 07				
Analyte	Result	Reporting Limit	Dilut	tion Prepare	d Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RAS		Batch: 2419194
Benzene	ND	0.0250	1	05/10/2	4 05/15/24	
Ethylbenzene	ND	0.0250	1	05/10/2	4 05/15/24	
Toluene	ND	0.0250	1	05/10/2	4 05/15/24	
o-Xylene	ND	0.0250	1	05/10/2	4 05/15/24	
p,m-Xylene	ND	0.0500	1	05/10/2	4 05/15/24	
Total Xylenes	ND	0.0250	1	05/10/2	4 05/15/24	
Surrogate: Bromofluorobenzene		101 %	70-130	05/10/2	4 05/15/24	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	05/10/2	4 05/15/24	
Surrogate: Toluene-d8		97.8 %	70-130	05/10/2	4 05/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RAS		Batch: 2419194
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/2	4 05/15/24	
Surrogate: Bromofluorobenzene		101 %	70-130	05/10/2	4 05/15/24	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	05/10/2	4 05/15/24	
Surrogate: Toluene-d8		97.8 %	70-130	05/10/2	4 05/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM		Batch: 2420055
Diesel Range Organics (C10-C28)	ND	25.0	1	05/14/2	4 05/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/14/2	4 05/17/24	
Surrogate: n-Nonane		93.2 %	50-200	05/14/2	4 05/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2420115
Chloride	440	20.0	1	05/15/2	4 05/15/24	

Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo5/17/2024 6:04:54PM

## FS53 -3' E405132-08

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: R.	AS		Batch: 2419194
Benzene	ND	0.0250	1	I	05/10/24	05/15/24	
Ethylbenzene	ND	0.0250	1	1	05/10/24	05/15/24	
Toluene	ND	0.0250	1	1	05/10/24	05/15/24	
o-Xylene	ND	0.0250	1	l	05/10/24	05/15/24	
p,m-Xylene	ND	0.0500	1	l	05/10/24	05/15/24	
Total Xylenes	ND	0.0250	1	1	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene		100 %	70-130		05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		05/10/24	05/15/24	
Surrogate: Toluene-d8		97.4 %	70-130		05/10/24	05/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: R.	AS		Batch: 2419194
Gasoline Range Organics (C6-C10)	ND	20.0	1	I	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene		100 %	70-130		05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		05/10/24	05/15/24	
Surrogate: Toluene-d8		97.4 %	70-130		05/10/24	05/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: K	М		Batch: 2420055
Diesel Range Organics (C10-C28)	ND	25.0	1	1	05/14/24	05/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	05/14/24	05/17/24	
Surrogate: n-Nonane		91.9 %	50-200		05/14/24	05/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY	7		Batch: 2420115
Chloride	37.2	20.0	1	1	05/15/24	05/15/24	

Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo5/17/2024 6:04:54PM

## SW08 -0-4.5' E405132-09

		E 100102 07				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: RAS		Batch: 2419194
Benzene	ND	0.0250	1	05/10/24	05/15/24	
Ethylbenzene	ND	0.0250	1	05/10/24	05/15/24	
Toluene	ND	0.0250	1	05/10/24	05/15/24	
o-Xylene	ND	0.0250	1	05/10/24	05/15/24	
p,m-Xylene	ND	0.0500	1	05/10/24	05/15/24	
Total Xylenes	ND	0.0250	1	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene		99.5 %	70-130	05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	05/10/24	05/15/24	
Surrogate: Toluene-d8		96.2 %	70-130	05/10/24	05/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	analyst: RAS		Batch: 2419194
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene		99.5 %	70-130	05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	05/10/24	05/15/24	
Surrogate: Toluene-d8		96.2 %	70-130	05/10/24	05/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: KM		Batch: 2420055
Diesel Range Organics (C10-C28)	ND	25.0	1	05/14/24	05/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/14/24	05/17/24	
Surrogate: n-Nonane		93.0 %	50-200	05/14/24	05/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: IY		Batch: 2420115
Chloride	38.6	20.0	1	05/15/24	05/15/24	

Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo5/17/2024 6:04:54PM

## SW04 -0-3' E405132-10

		E 100102 10					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:			Batch: 2419194
Benzene	ND	0.0250		1	05/10/24	05/15/24	Batch. 2 (1)1)1
Ethylbenzene	ND	0.0250		1	05/10/24	05/15/24	
Toluene	ND	0.0250		1	05/10/24	05/15/24	
o-Xylene	ND	0.0250		1	05/10/24	05/15/24	
p,m-Xylene	ND	0.0500		1	05/10/24	05/15/24	
Total Xylenes	ND	0.0250		1	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		05/10/24	05/15/24	
Surrogate: Toluene-d8		96.5 %	70-130		05/10/24	05/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RAS		Batch: 2419194
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		05/10/24	05/15/24	
Surrogate: Toluene-d8		96.5 %	70-130		05/10/24	05/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2420055
Diesel Range Organics (C10-C28)	ND	25.0		1	05/14/24	05/17/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/14/24	05/17/24	
Surrogate: n-Nonane		92.2 %	50-200	·	05/14/24	05/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2420115
Chloride	40.8	20.0		1	05/15/24	05/16/24	
•						05/16/24	



Matador Resources, LLC.Project Name:Jack Sleeper Booster Station5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo5/17/2024 6:04:54PM

FS60 -3' E405132-11

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst:	RAS		Batch: 2419194
Benzene	ND	0.0250	1		05/10/24	05/15/24	
Ethylbenzene	ND	0.0250	1		05/10/24	05/15/24	
Toluene	ND	0.0250	1		05/10/24	05/15/24	
o-Xylene	ND	0.0250	1		05/10/24	05/15/24	
p,m-Xylene	ND	0.0500	1		05/10/24	05/15/24	
Total Xylenes	ND	0.0250	1		05/10/24	05/15/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4		99.7 %	70-130		05/10/24	05/15/24	
Surrogate: Toluene-d8		97.0 %	70-130		05/10/24	05/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	P	Analyst:	RAS		Batch: 2419194
Gasoline Range Organics (C6-C10)	ND	20.0	1		05/10/24	05/15/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4		99.7 %	70-130		05/10/24	05/15/24	
Surrogate: Toluene-d8		97.0 %	70-130		05/10/24	05/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst:	KM		Batch: 2420055
Diesel Range Organics (C10-C28)	ND	25.0	1		05/14/24	05/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1		05/14/24	05/17/24	
Surrogate: n-Nonane		93.6 %	50-200		05/14/24	05/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst:	IY		Batch: 2420115
Chloride	34.0	20.0	1		05/15/24	05/16/24	

## **QC Summary Data**

Matador Resources, LLC.Project Name:Jack Sleeper Booster StationReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo5/17/2024 6:04:54PM

Dallas 1A, /3240		Project Manage	r: As	sniey Gloveng	30			3/1	7/2024 0.04.34FF
	V	olatile Organ	ic Compo	unds by El	PA 82601	В		A	Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2419194-BLK1)							Prepared: 0:	5/10/24 Analy	yzed: 05/14/24
Benzene	ND	0.0250					1	•	,
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	0.502	******	0.500		100	70-130			
	0.513		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8	0.313		0.500		96.6	70-130			
surroguie. 10illene-uo	0.403		0.500		70.0	/0-130			
LCS (2419194-BS1)							Prepared: 0:	5/10/24 Analy	yzed: 05/14/24
Benzene	2.90	0.0250	2.50		116	70-130			
Ethylbenzene	2.67	0.0250	2.50		107	70-130			
Toluene	2.58	0.0250	2.50		103	70-130			
o-Xylene	2.64	0.0250	2.50		106	70-130			
p,m-Xylene	5.17	0.0500	5.00		103	70-130			
Total Xylenes	7.81	0.0250	7.50		104	70-130			
Surrogate: Bromofluorobenzene	0.494		0.500		98.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.496		0.500		99.2	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.1	70-130			
Matrix Spike (2419194-MS1)				Source:	E405132-	02	Prepared: 0:	5/10/24 Analy	yzed: 05/14/24
Benzene	2.86	0.0250	2.50	ND	114	48-131			
Ethylbenzene	2.61	0.0250	2.50	ND	105	45-135			
Toluene	2.55	0.0250	2.50	ND	102	48-130			
o-Xylene	2.62	0.0250	2.50	ND	105	43-135			
p,m-Xylene	5.15	0.0500	5.00	ND	103	43-135			
Total Xylenes	7.78	0.0250	7.50	ND	104	43-135			
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		98.9	70-130			
Surrogate: Toluene-d8	0.489		0.500		97.7	70-130			
Matrix Spike Dup (2419194-MSD1)				Source:	E405132-	02	Prepared: 0:	5/10/24 Analy	yzed: 05/14/24
Benzene	2.83	0.0250	2.50	ND	113	48-131	0.933	23	
Ethylbenzene	2.60	0.0250	2.50	ND	104	45-135	0.614	27	
Toluene	2.52	0.0250	2.50	ND	101	48-130	1.01	24	
o-Xylene	2.64	0.0250	2.50	ND	105	43-135	0.533	27	
p,m-Xylene	5.14	0.0500	5.00	ND	103	43-135	0.214	27	
Total Xylenes	7.78	0.0250	7.50	ND	104	43-135	0.0386	27	
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.1	70-130			
-			0.500		07.5	<b>50.130</b>			



0.500

97.5

70-130

0.488

Surrogate: Toluene-d8

Matrix Spike Dup (2419194-MSD2)

Gasoline Range Organics (C6-C10)

 ${\it Surrogate: Bromofluor obenzene}$ 

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

48.9

0.518

0.513

0.489

## **QC Summary Data**

Matador Resources, LLC. Jack Sleeper Booster Station Project Name: Reported: Project Number: 5400 LBJ Freeway, Suite 1500 23003-0002 Dallas TX, 75240 Project Manager: Ashley Giovengo 5/17/2024 6:04:54PM

Source: E405132-02

97.9

104

103

97.8

ND

70-130

70-130

70-130

70-130

1.12

Nonhalogenated	Organics 1	bv EPA	8015D -	GRO

Analyst: RAS

Prepared: 05/10/24 Analyzed: 05/14/24

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2419194-BLK1)							Prepared: 0	5/10/24 Analy	yzed: 05/14/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.513		0.500		103	70-130			
Surrogate: Toluene-d8	0.483		0.500		96.6	70-130			
LCS (2419194-BS2)							Prepared: 0	5/10/24 Analy	yzed: 05/14/24
Gasoline Range Organics (C6-C10)	51.5	20.0	50.0		103	70-130			
Surrogate: Bromofluorobenzene	0.519		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.8	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.3	70-130			
Matrix Spike (2419194-MS2)				Source:	E405132-	02	Prepared: 0	5/10/24 Analy	yzed: 05/14/24
Gasoline Range Organics (C6-C10)	49.5	20.0	50.0	ND	99.0	70-130			
Surrogate: Bromofluorobenzene	0.519		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.488		0.500		97.6	70-130			

50.0

0.500

0.500

0.500

20.0



# **QC Summary Data**

Matador Resources, LLC.Project Name:Jack Sleeper Booster StationReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo5/17/2024 6:04:54PM

	Nonhal	Nonhalogenated Organics by EPA 8015D - DRO/ORO							
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2420055-BLK1)							Prepared: 0	5/14/24 A	nalyzed: 05/17/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.8		50.0		110	50-200			
LCS (2420055-BS1)							Prepared: 0	5/14/24 A	analyzed: 05/17/24
Diesel Range Organics (C10-C28)	303	25.0	250		121	38-132			
Surrogate: n-Nonane	56.8		50.0		114	50-200			
LCS Dup (2420055-BSD1)							Prepared: 0	5/14/24 A	nalyzed: 05/17/24
Diesel Range Organics (C10-C28)	310	25.0	250		124	38-132	2.38	20	
Surrogate: n-Nonane	56.8		50.0		114	50-200			

LCS Dup (2420115-BSD1)

Chloride

251

Prepared: 05/15/24 Analyzed: 05/15/24

20

## **QC Summary Data**

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager	2	ack Sleeper Bo 3003-0002 Ashley Gioveng		ion			<b>Reported:</b> 5/17/2024 6:04:54PM
Dunus 174, 732-10				300.0/9056A					Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2420115-BLK1)	ND		mg kg	mg Kg	70	70			nalyzed: 05/15/24
LCS (2420115-BS1)		20.0					Prepared: 0	5/15/24 Aı	nalyzed: 05/15/24
Chloride	250	20.0	250		100	90-110			

250

20.0

101

90-110

0.434

#### 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**

ſ	Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
l	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
l	Dallas TX, 75240	Project Manager:	Ashley Giovengo	05/17/24 18:04

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



	Client Information  Client: Matador Production Company			Invoice In	formation					La	b Us	e Or	ily			TAT					Stat	te		
Client: N	Aatador Proc	duction C	ompany		Co	mpany: Ensolum L	LC		L	ab V	NO#			Job	Num	ber		1D	2D	3D Std		NM	CO UI	ТХ
Project:	Jack Sleeper	Booster	Station		Ad	Idress: 3122 Nation	nal Parks Hwy		][	EЧ	105	132	-	13	203	-00	20			x		x		
Project N	Aanager: As	hley Giov	engo		Cit	y, State, Zip: Carlsb	oad NM, 8822	0			1. 7.5				Series.		11,51		3 4 5 1 4 1 1 1 1 1 1 1				1 1 1 1 Lab	
Address:	3122 Natio	nal Parks	Hwy		Ph	one: 575-988-005	5			Γ				Ana	lysis	and	Met	hod				EP	A Progr	am
City, Stat	e, Zip: Carls	bad NM,	88220		En	nail: agiovengo@@	ensolum.com			_										T	SD	WA	CWA	RCRA
	575-988-005					cellaneous:			_	ı	- 1	l					l		1					1
	giovengo@e		om								ا ؞.	ا ي							i		Com	pliano	e Y	or N
								W. (1)			8015	8015						s,				SID#		1 5. 1
	<u> </u>		<u> </u>	Sam	ple Informati	on		Parties, 1		$\dashv$	<u>à</u>	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals						
Time	D-4- 511	Matrix	No. of			Comple ID		<u> </u>	Lab		DRO/ORO	<u>ة</u>	ģ	þ	ride	Ö	100	481	1				Remark	5
Sampled	Date Sampled	IVISTRIX	Containers	L		Sample ID		E ÷	Lab Numb	er	8	8	BTE	NOV	용	BGD	TCEC	ñ						
8:30	5/8/2024	Soil	1			FS69 - 3'			1							х								
9:04	5/8/2024	Soil	1			FS67 - 2'			2							х								·
9:01	5/8/2024	Soil	1			SW07 - 0-3'			3							х								
10:17	5/8/2024	Soil	1			FS63 - 3'			4							х								
10:30	5/8/2024	Soil	1			FS65 - 4'			5							x			$\exists$					
11:04	5/8/2024	Soil	1			FS62 - 3.5'			6	_						х							-	
11:09	5/8/2024	Soil	1			FS61 - 4'			7							х								
8:50	5/8/2024	Soil	1			FS53 - 3'			8							х								
12:23	5/8/2024	Soil	1			W08 - 0-4.5'	ca		9							x								
13:12	5/8/2024	Soil	1		:	SW04 - 94 0 - 3'	<u>(                                    </u>		10	,						х			i				- 14	
Addition	al Instructio	ns: Plea	se CC: c	burton@e	ensolum.com,	agiovengo@ensolu	um.com, char	nilto	1		m.c	om, i	estr	ella@	ens	olum	i.con	1		l				
I, (field sam	oler), attest to the	validity and	authenticit	y of this samp	ile. I am aware tha	t tampering with or intention	onally mislabeling	the sar	nple loca	tion, c	date o	r time	of col	lection	is con	sidere	d frau	and r	nay be i	grounds for	legal a	action.	<del></del> -	
	Cole Burton								•											-	_			
	ed by: (Signatur	re)	Date		Time	Received by: (Signatur	(a) n	Date		, T	lime				- 51.41	Sample	s requi	ring the	rmal pre	servation mu	st be r	eceived o	on ice the da	y they are
6	to Al	1	ls/	18/24	1552	Maryediby: Menatur	tong ries	15.	8.2c	1	15	SSI							oacked in	ice at an av	temp	above 0	but less tha	n 6 °C on
Relinquish	ed by: Signatuy	e) onzal	Date	8.24	1800	Redeived by: (Signatur	U. I.	Date	· <b>%</b> ·1	<u> </u>	rime	300	5				eived		ce:	Lab Us	e Or	ıly		
	ed by: (Signatur		Date		2345	Received by (Signatur	e)	Date 5	19/24	1	Time	χYS	5			<u>T1</u>	·			<u> </u>	-1.1 - <u>1.1</u>	<u> </u>	T3	
Relinquish	ed by: (Signatur	e)	Date		Time	Received by: (Signatur	e)	Date		ī	Time					AVG	Tem	p °C	4	· <del></del>	. /			
Sample Mat	rix: <b>S</b> - Soil <b>, Sd</b> - So	olid, Sg - Sluc	ige, A - Aqu	eous, O - Othe	er			Cont	tainer T	ype:	<b>g</b> - 8	glass,	<b>p</b> - p	oly/p	lastic	, ag	amb	er gla	iss, v -	VOA				
						arrangements are made											clien	t expe	nse. Ti	ne report	or th	e analy	sis of the	above
samples is	applicable only	to those sa	imples rec	eived by the	laboratory with	this COC. The liability of	f the laboratory	is limi	ted to th	he am	nount	t paid	for o	n the	repor	t.								

Released to Imaging: 7/3/2024 1:54:24 PM

	Clie	nt Inform	ation			Invoice Informati	ion				La	b Us	e Onl	у			1.3	TAT			Stat	Page _ e TX   TX   ARCRA Or   N	
Client: I	Matador Prod	luction C	ompany		Co	ompany: Ensolum LLC			La	b WO	#		Job N	uml	ber		1D 2	D 30	Std	NM	CO UT	TX	
Project:	Jack Sleeper	Booster	Station		A	ddress: 3122 National Park	s Hwy		E	409	513	2	230	103	-00	202			х	x			
	Manager: Asl					ity, State, Zip: Carlsbad NM	, 88220	0	_						100	- 1						1-4-	
	3122 Natio				3	none: 575-988-0055			_				Anal	ysis	and	Met	hod				A Progr	am	
	te, Zip: Carls	-	88220			mail: agiovengo@ensolun	n.com		-											SDWA	CWA	RCRA	
A to the part of the	575-988-005 giovengo@e		om		- Mi	iscellaneous:														Complian	ce Y	or N	
Ciliali. a	giovengowei	nsolum.c	OIII					_	_	8015	8015			0			S		1 1	PWSID#	ce i	101 11	
•				Sampl	le Informat	tion				DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	ΣN	TCEQ 1005 - TX	RCRA 8 Metals			11101011			
Time	Data Campled	Markella	No, of			A. 7. 145.		er er	Lab	J/OR	J/DR	Х Бу	ph 8	oride	BGDOC - NM	100 د	A 8 N				Remarks	5	
Sampled	Date Sampled	Matrix	Containers			Sample ID		E E N	Lab umbe	r B	GRC	BTE	9	S	BGE	TCEC	RCR						
13:33	5/8/2024	Soil	1			FS60 - 3'			11						х								
12.05	5/8/2024					5004 5 51			11	3			-		**								
13:06	3/6/2024	Solid	2			FS61 - 5.5'		6	12						х					Colentin	n unless FMS1	V to MAG	
										7													
										7													
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									-									-					
	1																						
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Addition	al Instruction	ns: Plea	se CC: cb	urton@en:	solum.com	n, agiovengo@ensolum.com	n. chan	nilton@	Denso	olum.c	om.	iestre	ella@	enso	olum	.con	n		1 1				
	7,000					, -8	,																
I, (field sam	oler), attest to the	validity and	authenticity	of this sample.	. I am aware th	at tampering with or intentionally mis	labeling t	the sample	e locati	on, date	or time	of col	lection	s con	sidere	d frau	d and ma	y be gro	unds for	legal action.			
	Cole Burton		TE			Les and the second				I											Control de d	THE STREET	
	ed by: (Signatur		Date	2/24	ime 1557	Received by: (Signature)	Jan.	Date 5	X.) C	Time	55	1								st be received temp above (		- 0	
	ed by: (Signatur		Date	7 ~ (	ime	Received by: (Signature)		Date	Ud	Time	00	4		1	subsea	uent da	avs		Lab Us	e Only			
Mic		enrale	5-	8.24	1800	1 1. J. W.Q	So	5.8	3.2	4 1	800				Rece	ived	on ice		Y N	Comy			
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VI	ren e	4,880	5.0	3.24 1	2345			5/0	1/2	10	145				T1			T2			T3		
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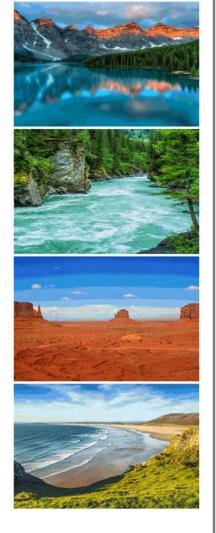
## **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

	no response concerning these items within 24 nours of				nyaéta na réquestica.	
Client:	Matador Resources, LLC.	Date Received:	05/09/24 07	7:45	Work Order ID: E405132	
Phone:	(972) 371-5200	Date Logged In:	05/09/24 08	3:19	Logged In By: Angelina Pineda	
Email:	agiovngo@ensolum.com	Due Date:	05/15/24 17	7:00 (4 day TAT)		
Chain of	Custody (COC)					
	the 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	Courier	
	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes	Carrier. <u>c</u>	<u>Sourier</u>	
	Il samples received within holding time?	seed analyses.	Yes			
	Note: Analysis, such as pH which should be conducted i i.e, 15 minute hold time, are not included in this disucssi				Comments/Resolution	
Sample 7	Turn Around Time (TAT)					
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes		Sample E405132 -12 COC remarks(Do	
Sample C	<u>Cooler</u>				Not Run unless FS61-4 is >600 cl) in	
7. Was a	sample cooler received?		Yes		reference to E405132-07.	
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	e sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If yes	, were custody/security seals intact?		NA			
12. Was th	ne sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples ar minutes of sampling		Yes			
13. If no	visible ice, record the temperature.  Actual sample	temperature: 4°0	<u>C</u>			
Sample (	Container_					
14. Are a	queous VOC samples present?		No			
15. Are V	OC samples collected in VOA Vials?		NA			
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA			
17. Was a	trip blank (TB) included for VOC analyses?		NA			
18. Are n	on-VOC samples collected in the correct containers	?	Yes			
19. Is the	appropriate volume/weight or number of sample contai	ners collected?	Yes			
Field La	<u>bel</u>					
20. Were	field sample labels filled out with the minimum infe	ormation:				
	ample ID?		Yes			
	Date/Time Collected? Collectors name?		Yes	'		
			Yes			
	<u>Preservation</u> the COC or field labels indicate the samples were p	recented?	No			
	ample(s) correctly preserved?	reserved:	NA			
	filteration required and/or requested for dissolved r	netals?	No			
		netais.	NO			
_	ase Sample Matrix	9	<b>N</b> T			
	the sample have more than one phase, i.e., multipha		No			
27. II yes	, does the COC specify which phase(s) is to be anal	yzea?	NA			
	act Laboratory					
	amples required to get sent to a subcontract laborate	•	No			
29. Was a	subcontract laboratory specified by the client and i	f so who?	NA S	Subcontract Lab	o: NA	
Client I	<u>nstruction</u>					

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: Jack Sleeper Booster Station

Work Order: E405251

Job Number: 23003-0002

Received: 5/20/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/20/24

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

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

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

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

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

Date Reported: 5/20/24

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

Project Name: Jack Sleeper Booster Station

Workorder: E405251

Date Received: 5/20/2024 9:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/20/2024 9:30:00AM, under the Project Name: Jack Sleeper Booster Station.

The analytical test results summarized in this report with the Project Name: Jack Sleeper Booster Station 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

**Alexa Michaels** 

Sample Custody Officer Office: 505-632-1881

labadmin@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 Golzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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## **Sample Summary**

_				
ſ	Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	Reported:
١	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
l	Dallas TX, 75240	Project Manager:	Ashley Giovengo	05/20/24 16:13

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
FS 34-3'	E405251-01A Soil	05/17/24	05/20/24	Glass Jar, 2 oz.



Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/20/2024 4:13:35PM

## FS 34-3' E405251-01

		E403231-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2421005
Benzene	ND	0.0250	1	05/19/24	05/20/24	
Ethylbenzene	ND	0.0250	1	05/19/24	05/20/24	
Toluene	ND	0.0250	1	05/19/24	05/20/24	
o-Xylene	ND	0.0250	1	05/19/24	05/20/24	
p,m-Xylene	ND	0.0500	1	05/19/24	05/20/24	
Total Xylenes	ND	0.0250	1	05/19/24	05/20/24	
Surrogate: 4-Bromochlorobenzene-PID		93.1 %	70-130	05/19/24	05/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2421005
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/24	05/20/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	05/19/24	05/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2421013
Diesel Range Organics (C10-C28)	ND	25.0	1	05/20/24	05/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/20/24	05/20/24	
Surrogate: n-Nonane		101 %	50-200	05/20/24	05/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2420198
Chloride	182	20.0	1	05/18/24	05/20/24	

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

# **QC Summary Data**

Matador Resources, LLC.Project Name:Jack Sleeper Booster StationReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo5/20/2024 4:13:35PM

Dallas TX, 75240		Project Manager:	As	shley Gioveng	o			5	5/20/2024 4:13:35PM
		Volatile O	rganics b	y 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 (2421005-BLK1)							Prepared: 0:	5/19/24 An	alyzed: 05/19/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.93		8.00		86.6	70-130			
LCS (2421005-BS1)							Prepared: 0	5/19/24 An	alyzed: 05/19/24
Benzene	5.17	0.0250	5.00		103	70-130			
Ethylbenzene	4.96	0.0250	5.00		99.3	70-130			
Toluene	5.16	0.0250	5.00		103	70-130			
o-Xylene	5.06	0.0250	5.00		101	70-130			
p,m-Xylene	10.2	0.0500	10.0		102	70-130			
Total Xylenes	15.3	0.0250	15.0		102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.95		8.00		86.8	70-130			
LCS Dup (2421005-BSD1)							Prepared: 0	5/19/24 An	alyzed: 05/19/24
Benzene	4.81	0.0250	5.00		96.3	70-130	7.12	20	
Ethylbenzene	4.62	0.0250	5.00		92.5	70-130	7.11	20	
Toluene	4.80	0.0250	5.00		96.0	70-130	7.34	20	
o-Xylene	4.72	0.0250	5.00		94.3	70-130	7.08	20	
p,m-Xylene	9.52	0.0500	10.0		95.2	70-130	7.07	20	

15.0

8.00

70-130

70-130

7.07

20

0.0250

7.06



# **QC Summary Data**

Matador Resources, LLC.Project Name:Jack Sleeper Booster StationReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo5/20/2024 4:13:35PM

Nonhalogenated	Organics by	v EPA	.8015D -	GRO

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 (2421005-BLK1)						Prepared: 0	5/19/24	Analyzed: 05/19/24
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.96		8.00	112	70-130			
LCS (2421005-BS2)						Prepared: 0	5/19/24	Analyzed: 05/19/24
Gasoline Range Organics (C6-C10)	49.3	20.0	50.0	98.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.00		8.00	112	70-130			
LCS Dup (2421005-BSD2)						Prepared: 0	5/19/24	Analyzed: 05/19/24
Gasoline Range Organics (C6-C10)	45.1	20.0	50.0	90.2	70-130	8.84	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.93		8.00	112	70-130			



## **QC Summary Data**

Matador Resources, LLC.Project Name:Jack Sleeper Booster StationReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo5/20/2024 4:13:35PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO  A											
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2421013-BLK1)							Prepared: 0	5/20/24 A	nalyzed: 05/20/24		
Diesel Range Organics (C10-C28)	ND	25.0									
Oil Range Organics (C28-C36)	ND	50.0									
Surrogate: n-Nonane	56.6		50.0		113	50-200					
LCS (2421013-BS1)							Prepared: 0	5/20/24 A	nalyzed: 05/20/24		
Diesel Range Organics (C10-C28)	309	25.0	250		123	38-132					
Surrogate: n-Nonane	57.9		50.0		116	50-200					
LCS Dup (2421013-BSD1)							Prepared: 0	5/20/24 A	nalyzed: 05/20/24		
Diesel Range Organics (C10-C28)	316	25.0	250		126	38-132	2.27	20			
Surrogate: n-Nonane	57.8		50.0		116	50-200					

Analyst: IY

# **QC Summary Data**

Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/20/2024 4:13:35PM

Anions by EPA 300.0/9056A

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limi			
Blank (2420198-BLK1)	ank (2420198-BLK1)  Prepared: 05/18/24 Analyzed: 05/20/24										
Chloride	ND	20.0									
LCS (2420198-BS1)							Prepared: 0	5/18/24	Analyzed: 05/20/24		
Chloride	250	20.0	250		100	90-110					
LCS Dup (2420198-BSD1)							Prepared: 0	5/18/24	Analyzed: 05/20/24		
Chloride	251	20.0	250		101	90-110	0.453	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**

ſ	Matador Resources, LLC.	Project Name:	Jack Sleeper Booster Station	
l	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
l	Dallas TX, 75240	Project Manager:	Ashley Giovengo	05/20/24 16:13

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Address:

Project Manager: Aghley Giovengo

Phone: 575 980 0055 Email: 4 4 i over 44 v @ ensolum . com

City, State, Zip: Car 13640

RCRA

or N

State

NM CO UT TX

**EPA Program** 

CWA

SDWA

Compliance

PWSID#

Received by OCD: 6/7/2024 8:28:36 AM

Time Sampled	Date Sampled	Matrix	No. of Containers			S	ample ID			Field Filter	Lab Number	DRO/OF	GRO/DR	втех Бу	VOC by	Chloride	всрос	TCEQ 100	RCRA 8					Remarks
1228	5/17/24	Soil	,	E	: 5	34	- 3	,									X							
				- 1																				
																				-	+	+		
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, (field samp sampled by:	ler), attest to the	validity and	Burtu	f this sample	e. I am awa	ire that ta	mpering with	or intentionally	mislabeling ti	ne sami	ple location,	date c	or time	of coll	ection	is con	idered	fraud	and ma	y be gr	ounds f	or legal	action.	
	dby: (Signature		Date 5/		Time 142	R	ecoved by:	_		Date 5.	1724	Time	12	Ce			Sample	s requi	ring ther	mal pres	ervation	must be	received o	n ice the day they a out less than 6 °C on
Relinquishe	d by (Signature	2)	Date.	17.24	Time 7	305	eceived by-	(§ignature)		Date	70/75	Time	73	7)			Rece	havi	on ic	٥٠	Lab (Y)	Use C	Only	
Relinquishe	d by: (Signature	e)	Date		Time	R	eceived by:	(Signature)	- 1	Date	0-10	Time	12	0			, teec	iveu	OTTIC	С.	0			
Relinauishe	d by: (Signature	e)	Date		Time	R	eceived by: (	(Signature)		Date		Time	_	-			<u>T1</u>	-	-	_ 1	2	_	_	<u>T3</u>
							cccirco of	(orBitatare)									AVG			4				
	ix: <b>S</b> - Soil, <b>Sd</b> - So les are discarde					ther arra	ngements ar	re made. Haza	rdous samo		he returns		-		1 1 1 1 1				-			r the a	nalvsis n	f the above sam
Note: Samo	ics are discurde	mples recei													USEU (	or at t	ic ciic	III CA	ichise.	THE IC	portio	the a	11019313 0	THE above sain

TAT

1D 2D 3D Std

Lab Use Only

X by 8021 by 8260

3/ORO by 8015

Lab WO# Job Number 1D 23003-0002X

**Analysis and Method** 

OC - NM

ide 300.0

on file

Address:

Phone:

Email:

Sample Information

City, State, Zip:

Miscellaneous:

Page 279 of 339

Printed: 5/20/2024 1:21:02PM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Matador Resources, LLC.	Date Received:	05/20/24 (	09:30	Work Order ID:	E405251
Phone:	(972) 371-5200	Date Logged In:	05/17/24 1	18:18	Logged In By:	Alexa Michaels
Email:	agiovngo@ensolum.com	Due Date:		17:00 (0 day TAT)	<i>56 y</i>	
Chain of	Custody (COC)					
1. Does t	he sample ID match the COC?		Yes			
2. Does t	he number of samples per sampling site location ma	tch the COC	Yes			
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was th	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes			
5. Were a	Ill samples received within holding time? Note: Analysis, such as pH which should be conducted i		Yes		Comment	ts/Resolution
Sample T	i.e, 15 minute hold time, are not included in this disucssi Furn Around Time (TAT)	on.			<u>comment</u>	<u> </u>
	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (						
	sample cooler received?		Yes			
	was cooler received in good condition?		Yes			
-	e sample(s) received intact, i.e., not broken?		Yes			
	custody/security seals present?					
			No			
•	, were custody/security seals intact?		NA			
12. Was th	ne sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples as minutes of sampling		Yes			
13. If no	visible ice, record the temperature.	e temperature: 4°	<u>C</u>			
Sample (	<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	a trip blank (TB) included for VOC analyses?		NA			
18. Are n	on-VOC samples collected in the correct containers	?	Yes			
19. Is the	appropriate volume/weight or number of sample contai	ners collected?	Yes			
Field La	<u>bel</u>					
20. Were	field sample labels filled out with the minimum infe	ormation:				
S	ample ID?		Yes			
	Date/Time Collected?		Yes			
	Collectors name?		Yes			
	Preservation 111111111111111111111111111111111111	10				
	the COC or field labels indicate the samples were p	reserved?	No			
	ample(s) correctly preserved?	. 1.0	NA			
	filteration required and/or requested for dissolved r	netals?	No			
	ase Sample Matrix					
	the sample have more than one phase, i.e., multipha		No			
27. If yes	, does the COC specify which phase(s) is to be anal	yzed?	NA			
Subconti	ract Laboratory					
28. Are s	amples required to get sent to a subcontract laborate	ory?	No			
29. Was a	a subcontract laboratory specified by the client and i	f so who?	NA	Subcontract Lab: NA		
Client I	nstruction_					

Date

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



# **APPENDIX E**

**Email Correspondence** 

 From:
 Jason Touchet

 To:
 Ashley Giovengo

 Cc:
 Clinton Talley

Subject: FW: The Oil Conservation Division (OCD) has accepted the application, Application ID: 337794, Jack Sleeper

**Date:** Thursday, April 25, 2024 4:11:31 PM

#### [ \*\*EXTERNAL EMAIL\*\*]

#### \*\*EXTERNAL EMAIL\*\*

To whom it may concern (c/o Jason Touchet for Longwood Midstream Delaware, LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2404348731.

The sampling event is expected to take place:

When: 04/29/2024 @ 09:00

**Where:** E-05-23S-28E 0 FNL 0 FEL (32.33595,-104.10489)

**Additional Information:** N/A

**Additional Instructions:** 32.33595, -104.10489

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

 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.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

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

#### \*\*EXTERNAL EMAIL\*\*

To whom it may concern (c/o Jason Touchet for Longwood Midstream Delaware, LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2404348731.

The sampling event is expected to take place:

**When:** 04/30/2024 @ 09:00

**Where:** E-05-23S-28E 0 FNL 0 FEL (32.33595,-104.10489)

**Additional Information:** N/A

**Additional Instructions:** 32.33595, -104.10489

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

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

#### \*\*EXTERNAL EMAIL\*\*

To whom it may concern (c/o Jason Touchet for Longwood Midstream Delaware, LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2404348731.

The sampling event is expected to take place:

**When:** 05/01/2024 @ 09:00

**Where:** E-05-23S-28E 0 FNL 0 FEL (32.33595,-104.10489)

**Additional Information:** N/A

**Additional Instructions:** 32.33595, -104.10489

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as

soon as possible.

• 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.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

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

Thanks,
Jason Touchet
EHS Field Techician
Matador Resources Company

Cell: 337-652-3463

Email: jason.touchet@matadorresources.com

intended recipient of this message, you may not disclose, print, copy, disseminate or otherwise use this message or the information included herein. If you are not the intended recipient, please reply and notify the sender (only) and promptly delete the message.

 From:
 Jason Touchet

 To:
 Ashley Giovengo

 Cc:
 Clinton Talley

Subject: FW: The Oil Conservation Division (OCD) has accepted the application, Application ID: 339054 Jim Pat 5/2,5/3,

5/6

**Date:** Tuesday, April 30, 2024 10:33:55 AM

#### [ \*\*EXTERNAL EMAIL\*\*]

#### \*\*EXTERNAL EMAIL\*\*

To whom it may concern (c/o Jason Touchet for MATADOR PRODUCTION COMPANY),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2404348731.

The sampling event is expected to take place:

**When:** 05/02/2024 @ 09:00

**Where:** E-05-23S-28E 0 FNL 0 FEL (32.33595,-104.10489)

**Additional Information:** N/A

Additional Instructions: 32.33595, -104.10489

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

 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.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

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

#### \*\*EXTERNAL EMAIL\*\*

To whom it may concern (c/o Jason Touchet for MATADOR PRODUCTION COMPANY),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2404348731.

The sampling event is expected to take place:

**When:** 05/03/2024 @ 09:00

**Where:** E-05-23S-28E 0 FNL 0 FEL (32.33595,-104.10489)

**Additional Information:** N/A

**Additional Instructions:** 32.33595, -104.10489

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

• 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.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

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

#### \*\*EXTERNAL EMAIL\*\*

To whom it may concern (c/o Jason Touchet for MATADOR PRODUCTION COMPANY),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2404348731.

The sampling event is expected to take place:

**When:** 05/06/2024 @ 09:00

**Where:** E-05-23S-28E 0 FNL 0 FEL (32.33595,-104.10489)

**Additional Information:** N/A

**Additional Instructions:** 32.33595, -104.10489

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the

sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

 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.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

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

Thanks,
Jason Touchet
EHS Field Techician
Matador Resources Company

Cell: 337-652-3463

Email: jason.touchet@matadorresources.com

 From:
 Jason Touchet

 To:
 Ashley Giovengo

 Cc:
 Clinton Talley

Subject: FW: The Oil Conservation Division (OCD) has accepted the application, Application ID: 341309 Jack Sleeper/Nova

Boaster

**Date:** Monday, May 6, 2024 2:23:17 PM

#### [ \*\*EXTERNAL EMAIL\*\*]

#### \*\*EXTERNAL EMAIL\*\*

To whom it may concern (c/o Jason Touchet for San Mateo RB Pipeline, LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2404348731.

The sampling event is expected to take place:

**When:** 05/07/2024 @ 09:00

**Where:** E-05-23S-28E 0 FNL 0 FEL (32.33595,-104.10489)

**Additional Information:** N/A

Additional Instructions: 32.33595, -104.10489

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

 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.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

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

#### \*\*EXTERNAL EMAIL\*\*

To whom it may concern (c/o Jason Touchet for San Mateo RB Pipeline, LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2404348731.

The sampling event is expected to take place:

**When:** 05/08/2024 @ 09:00

**Where:** E-05-23S-28E 0 FNL 0 FEL (32.33595,-104.10489)

**Additional Information:** N/A

**Additional Instructions:** 32.33595, -104.10489

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

• 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.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

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

### \*\*EXTERNAL EMAIL\*\*

To whom it may concern (c/o Jason Touchet for San Mateo RB Pipeline, LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2404348731.

The sampling event is expected to take place:

**When:** 05/09/2024 @ 09:00

**Where:** E-05-23S-28E 0 FNL 0 FEL (32.33595,-104.10489)

**Additional Information:** N/A

**Additional Instructions:** 32.33595, -104.10489

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the

sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

 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.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

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

Thanks, Jason Touchet EHS Field Techician Matador Resources Company

Cell: 337-652-3463

Email: jason.touchet@matadorresources.com

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the sender (only) and promptly delete the message.

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District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 332009

# **QUESTIONS**

Operator:	OGRID:
San Mateo RB Pipeline, LLC	330263
5400 LBJ Freeway	Action Number:
Dallas, TX 75240	332009
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2404348731
Incident Name	NAPP2404348731 JACK SLEEPER/NOVO BOOSTER STATION @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	Jack Sleeper/NOVO Booster Station
Date Release Discovered	02/11/2024
Surface Owner	Private

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	13,732
What is the estimated number of samples that will be gathered	72
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/15/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	N/A
Please provide any information necessary for navigation to sampling site	32.33595, -104.10489

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

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

CONDITIONS

Action 332009

# **CONDITIONS**

Operator:	OGRID:
San Mateo RB Pipeline, LLC	330263
5400 LBJ Freeway	Action Number:
Dallas, TX 75240	332009
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created By		Condition Date
c_talley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/10/2024

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 334451

## **QUESTIONS**

Operator:	OGRID:
Longwood Midstream Delaware, LLC	330274
5400 LBJ Freeway, Ste. 1500	Action Number:
Dallas, TX 75240	334451
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2404348731
Incident Name	NAPP2404348731 JACK SLEEPER/NOVO BOOSTER STATION @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	Jack Sleeper/NOVO Booster Station
Date Release Discovered	02/11/2024
Surface Owner	Private

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	13,732
What is the estimated number of samples that will be gathered	72
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/22/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	N/A
Please provide any information necessary for navigation to sampling site	32.33595 -104.10489

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 334451

# **CONDITIONS**

Operator:	OGRID:
Longwood Midstream Delaware, LLC	330274
5400 LBJ Freeway, Ste. 1500	Action Number:
Dallas, TX 75240	334451
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created By		Condition Date
j_touchet	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/17/2024

District III

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 334455

## **QUESTIONS**

Operator:	OGRID:
Longwood Midstream Delaware, LLC	330274
5400 LBJ Freeway, Ste. 1500	Action Number:
Dallas, TX 75240	334455
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2404348731
Incident Name	NAPP2404348731 JACK SLEEPER/NOVO BOOSTER STATION @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	Jack Sleeper/NOVO Booster Station
Date Release Discovered	02/11/2024
Surface Owner	Private

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	13,732
What is the estimated number of samples that will be gathered	72
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/23/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	N/A
Please provide any information necessary for navigation to sampling site	32.33595 -104.10489

District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 334455

# CONDITIONS

Operator:	OGRID:
Longwood Midstream Delaware, LLC	330274
5400 LBJ Freeway, Ste. 1500	Action Number:
Dallas, TX 75240	334455
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created By		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.	4/17/2024

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 334457

## **QUESTIONS**

Operator:	OGRID:
Longwood Midstream Delaware, LLC	330274
5400 LBJ Freeway, Ste. 1500	Action Number:
Dallas, TX 75240	334457
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2404348731
Incident Name	NAPP2404348731 JACK SLEEPER/NOVO BOOSTER STATION @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	Jack Sleeper/NOVO Booster Station
Date Release Discovered	02/11/2024
Surface Owner	Private

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	13,732
What is the estimated number of samples that will be gathered	72
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/24/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	N/A
Please provide any information necessary for navigation to sampling site	32.33595 -104.10489

District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

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

CONDITIONS

Action 334457

# CONDITIONS

Operator:	OGRID:
Longwood Midstream Delaware, LLC	330274
5400 LBJ Freeway, Ste. 1500	Action Number:
Dallas, TX 75240	334457
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created By		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.	4/17/2024

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 334453

## **QUESTIONS**

Operator:	OGRID:
Longwood Midstream Delaware, LLC	330274
5400 LBJ Freeway, Ste. 1500	Action Number:
Dallas, TX 75240	334453
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2404348731
Incident Name	NAPP2404348731 JACK SLEEPER/NOVO BOOSTER STATION @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name Jack Sleeper/NOVO Booster Station	
Date Release Discovered	02/11/2024
Surface Owner	Private

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	13,732
What is the estimated number of samples that will be gathered	72
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/25/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	N/A
Please provide any information necessary for navigation to sampling site	32.33595 -104.10489

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 334453

# **CONDITIONS**

Operator:	OGRID:
Longwood Midstream Delaware, LLC	330274
5400 LBJ Freeway, Ste. 1500	Action Number:
Dallas, TX 75240	334453
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created By		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.	4/17/2024

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 337794

## **QUESTIONS**

Operator:	OGRID:
Longwood Midstream Delaware, LLC	330274
5400 LBJ Freeway, Ste. 1500	Action Number:
Dallas, TX 75240	337794
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2404348731
Incident Name	NAPP2404348731 JACK SLEEPER/NOVO BOOSTER STATION @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	Jack Sleeper/NOVO Booster Station
Date Release Discovered	02/11/2024
Surface Owner	Private

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	13,732
What is the estimated number of samples that will be gathered	72
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/29/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	N/A
Please provide any information necessary for navigation to sampling site	32.33595, -104.10489

District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 337794

# **CONDITIONS**

Operator:	OGRID:
Longwood Midstream Delaware, LLC	330274
5400 LBJ Freeway, Ste. 1500	Action Number:
Dallas, TX 75240	337794
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created By		Condition Date
j_touchet	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/25/2024

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 337796

## **QUESTIONS**

Operator:	OGRID:
Longwood Midstream Delaware, LLC	330274
5400 LBJ Freeway, Ste. 1500	Action Number:
Dallas, TX 75240	337796
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites		
Incident ID (n#)	nAPP2404348731	
Incident Name	NAPP2404348731 JACK SLEEPER/NOVO BOOSTER STATION @ 0	
Incident Type	Produced Water Release	
Incident Status	Initial C-141 Approved	

Location of Release Source	
Site Name	Jack Sleeper/NOVO Booster Station
Date Release Discovered	02/11/2024
Surface Owner	Private

Sampling Event General Information			
Please answer all the questions in this group.			
What is the sampling surface area in square feet	13,732		
What is the estimated number of samples that will be gathered	72		
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/30/2024		
Time sampling will commence	09:00 AM		
Please provide any information necessary for observers to contact samplers	N/A		
Please provide any information necessary for navigation to sampling site	32.33595, -104.10489		

District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 337796

# **CONDITIONS**

Operator:	OGRID:
Longwood Midstream Delaware, LLC	330274
5400 LBJ Freeway, Ste. 1500	Action Number:
Dallas, TX 75240	337796
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created By		Condition Date
j_touchet	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/25/2024

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 337800

## **QUESTIONS**

ı	Operator:	OGRID:
ı	Longwood Midstream Delaware, LLC	330274
ı	5400 LBJ Freeway, Ste. 1500	Action Number:
ı	Dallas, TX 75240	337800
ı		Action Type:
ı		[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#) nAPP2404348731	
Incident Name	NAPP2404348731 JACK SLEEPER/NOVO BOOSTER STATION @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	Jack Sleeper/NOVO Booster Station
Date Release Discovered	02/11/2024
Surface Owner	Private

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	13,732	
What is the estimated number of samples that will be gathered	72	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/01/2024	
Time sampling will commence	09:00 AM	
Please provide any information necessary for observers to contact samplers	N/A	
Please provide any information necessary for navigation to sampling site	32.33595, -104.10489	

District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 337800

# **CONDITIONS**

0	perator:	OGRID:
	Longwood Midstream Delaware, LLC	330274
	5400 LBJ Freeway, Ste. 1500	Action Number:
	Dallas, TX 75240	337800
		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.	4/25/2024

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 339054

## **QUESTIONS**

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	339054
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2404348731
Incident Name	NAPP2404348731 JACK SLEEPER/NOVO BOOSTER STATION @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	Jack Sleeper/NOVO Booster Station
Date Release Discovered	02/11/2024
Surface Owner	Private

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	13,732	
What is the estimated number of samples that will be gathered	72	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/02/2024	
Time sampling will commence	09:00 AM	
Please provide any information necessary for observers to contact samplers	N/A	
Please provide any information necessary for navigation to sampling site	32.33595, -104.10489	

District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 339054

# **CONDITIONS**

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	339054
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created By		Condition Date
j_touchet	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/30/2024

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 339058

## **QUESTIONS**

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	339058
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2404348731
Incident Name	NAPP2404348731 JACK SLEEPER/NOVO BOOSTER STATION @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	Jack Sleeper/NOVO Booster Station
Date Release Discovered	02/11/2024
Surface Owner	Private

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	13,732	
What is the estimated number of samples that will be gathered	72	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/03/2024	
Time sampling will commence	09:00 AM	
Please provide any information necessary for observers to contact samplers	N/A	
Please provide any information necessary for navigation to sampling site	32.33595, -104.10489	

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

CONDITIONS

Action 339058

# **CONDITIONS**

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	339058
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created By		Condition Date
j_touchet	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/30/2024

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 339059

## **QUESTIONS**

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	339059
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2404348731
Incident Name	NAPP2404348731 JACK SLEEPER/NOVO BOOSTER STATION @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	Jack Sleeper/NOVO Booster Station
Date Release Discovered	02/11/2024
Surface Owner	Private

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	13,732	
What is the estimated number of samples that will be gathered	72	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/06/2024	
Time sampling will commence	09:00 AM	
Please provide any information necessary for observers to contact samplers	N/A	
Please provide any information necessary for navigation to sampling site	32.33595, -104.10489	

District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

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

CONDITIONS

Action 339059

# **CONDITIONS**

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	339059
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created By		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.	4/30/2024

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

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

QUESTIONS

Action 341309

	QUESTIONS
Operator: San Mateo RB Pipeline, LLC 5400 LBJ Freeway Dallas, TX 75240	OGRID: 330263 Action Number: 341309 Action Type: [NOTIFY] Notification Of Sampling (C-141N)
QUESTIONS	
Prerequisites	
Incident ID (n#)	nAPP2404348731
Incident Name	NAPP2404348731 JACK SLEEPER/NOVO BOOSTER STATION @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
	·
Location of Release Source	
Site Name	Jack Sleeper/NOVO Booster Station
Date Release Discovered	02/11/2024
Surface Owner	Private

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	13,732
What is the estimated number of samples that will be gathered	72
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/07/2024
Time sampling will commence	09:00 AM

Warning: Notification can not be less than two business days prior to conducting final sampling.

Please provide any information necessary for observers to contact samplers	N/A
Please provide any information necessary for navigation to sampling site	32.33595, -104.10489

District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

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

CONDITIONS

Action 341309

# **CONDITIONS**

Operator:	OGRID:
San Mateo RB Pipeline, LLC	330263
5400 LBJ Freeway	Action Number:
Dallas, TX 75240	341309
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created By		Condition Date
j_touchet	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	5/6/2024

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 341317

# **QUESTIONS**

Operator:	OGRID:
San Mateo RB Pipeline, LLC	330263
5400 LBJ Freeway	Action Number:
Dallas, TX 75240	341317
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2404348731
Incident Name	NAPP2404348731 JACK SLEEPER/NOVO BOOSTER STATION @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	Jack Sleeper/NOVO Booster Station
Date Release Discovered	02/11/2024
Surface Owner	Private

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	13,732
What is the estimated number of samples that will be gathered	72
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/08/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	N/A
Please provide any information necessary for navigation to sampling site	32.33595, -104.10489

District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

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

CONDITIONS

Action 341317

# CONDITIONS

Operator:	OGRID:
San Mateo RB Pipeline, LLC	330263
5400 LBJ Freeway	Action Number:
Dallas, TX 75240	341317
	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.	5/6/2024

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

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

QUESTIONS

Action 341322

# **QUESTIONS**

Operator:	OGRID:
San Mateo RB Pipeline, LLC	330263
5400 LBJ Freeway	Action Number:
Dallas, TX 75240	341322
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2404348731
Incident Name	NAPP2404348731 JACK SLEEPER/NOVO BOOSTER STATION @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	Jack Sleeper/NOVO Booster Station
Date Release Discovered	02/11/2024
Surface Owner	Private

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	13,732
What is the estimated number of samples that will be gathered	72
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/09/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	N/A
Please provide any information necessary for navigation to sampling site	32.33595, -104.10489

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

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

CONDITIONS

Action 341322

# **CONDITIONS**

Operator:	OGRID:
San Mateo RB Pipeline, LLC	330263
5400 LBJ Freeway	Action Number:
Dallas, TX 75240	341322
	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.	5/6/2024

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

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

QUESTIONS

Action 342640

## **QUESTIONS**

Operator:	OGRID:
San Mateo RB Pipeline, LLC	330263
5400 LBJ Freeway	Action Number:
Dallas, TX 75240	342640
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#) nAPP2404348731	
Incident Name	NAPP2404348731 JACK SLEEPER/NOVO BOOSTER STATION @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	Jack Sleeper/NOVO Booster Station
Date Release Discovered	02/11/2024
Surface Owner	Private

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	239,843
What is the estimated number of samples that will be gathered	1,300
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/13/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	N/A
Please provide any information necessary for navigation to sampling site	32.512234, -104.094084

District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 342640

# CONDITIONS

Operator:	OGRID:
San Mateo RB Pipeline, LLC	330263
5400 LBJ Freeway	Action Number:
Dallas, TX 75240	342640
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created By		Condition Date
j_touchet	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	5/9/2024

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

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

QUESTIONS

Action 342642

# **QUESTIONS**

Operator:	OGRID:
San Mateo RB Pipeline, LLC	330263
5400 LBJ Freeway	Action Number:
Dallas, TX 75240	342642
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2404348731
Incident Name	NAPP2404348731 JACK SLEEPER/NOVO BOOSTER STATION @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	Jack Sleeper/NOVO Booster Station
Date Release Discovered	02/11/2024
Surface Owner	Private

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	239,843
What is the estimated number of samples that will be gathered	1,300
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/14/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	N/A
Please provide any information necessary for navigation to sampling site	32.512234, -104.094084

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 342642

# **CONDITIONS**

Operator:	OGRID:
San Mateo RB Pipeline, LLC	330263
5400 LBJ Freeway	Action Number:
Dallas, TX 75240	342642
	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.	5/9/2024

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

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

QUESTIONS

Action 342643

## **QUESTIONS**

Operator:	OGRID:
San Mateo RB Pipeline, LLC	330263
5400 LBJ Freeway	Action Number:
Dallas, TX 75240	342643
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2404348731
Incident Name	NAPP2404348731 JACK SLEEPER/NOVO BOOSTER STATION @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	Jack Sleeper/NOVO Booster Station
Date Release Discovered	02/11/2024
Surface Owner	Private

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	239,843
What is the estimated number of samples that will be gathered	1,300
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/15/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	N/A
Please provide any information necessary for navigation to sampling site	32.512234, -104.094084

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

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

CONDITIONS

Action 342643

## CONDITIONS

Operator:	OGRID:
San Mateo RB Pipeline, LLC	330263
5400 LBJ Freeway	Action Number:
Dallas, TX 75240	342643
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

## CONDITIONS

Created By	Condition	Condition Date
j_touchet	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	5/9/2024

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

QUESTIONS

Action 344331

## **QUESTIONS**

Operator:	OGRID:
San Mateo RB Pipeline, LLC	330263
5400 LBJ Freeway	Action Number:
Dallas, TX 75240	344331
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2404348731
Incident Name	NAPP2404348731 JACK SLEEPER/NOVO BOOSTER STATION @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	Jack Sleeper/NOVO Booster Station
Date Release Discovered	02/11/2024
Surface Owner	Private

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	13,732
What is the estimated number of samples that will be gathered	72
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/17/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	N/A
Please provide any information necessary for navigation to sampling site	32.33595, -104.10489

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

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

CONDITIONS

Action 344331

## **CONDITIONS**

Operator:	OGRID:
San Mateo RB Pipeline, LLC	330263
5400 LBJ Freeway	Action Number:
Dallas, TX 75240	344331
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

## CONDITIONS

Created By		Condition Date
c_talley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	5/14/2024

 From:
 Ashley Giovengo

 To:
 Wells, Shelly, EMNRD

Cc: Cole Burton

Subject: RE: [EXTERNAL] RE: NAPP2404348731 JACK SLEEPER/NOVO BOOSTER STATION

**Date:** Friday, June 21, 2024 10:23:47 AM

Attachments: <u>image007.png</u>

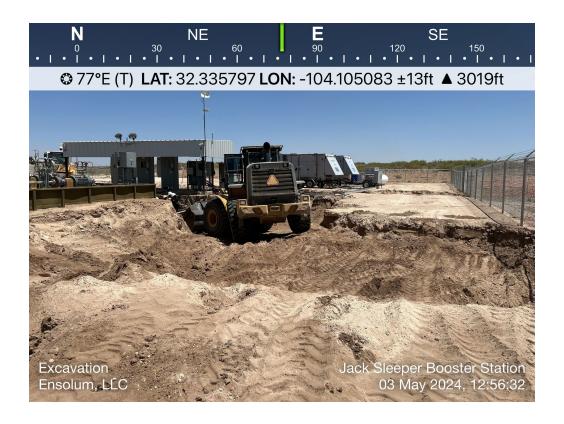
image008.png image009.png

# Good Morning Shelly,

You are correct, the ground was so soft that the impacted area was removed from beneath the fencing as seen in Photo 1 and then the excavation was advanced from the fence line to the pad as seen in Photo 2. Sidewall soil sample SW09 was collected from around exaction sample FS59 and SW10 was collected from around FS41 and there was no break in the excavation area. I hope this clears up any confusion and I will definitely look at adding samples names to the photos for future reports.

Photo 1 Photo 2





Thanks,



"Your authenticity is your superpower." – Unknown

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

Sent: Thursday, June 20, 2024 2:43 PM

**To:** Ashley Giovengo <agiovengo@ensolum.com>

Cc: Cole Burton <cburton@ensolum.com>

Subject: RE: [EXTERNAL] RE: NAPP2404348731 JACK SLEEPER/NOVO BOOSTER STATION

# [ \*\*EXTERNAL EMAIL\*\*]

Hi Ashley,

Thank you for responding to my questions. So then did SW09 get collected from around FS 59 and SW10 got collected around FS 41? And that means there was no break in the excavation

due to the fence? It really would help OCD reviewers if under your photos you provided captions that state which sample points are seen in the photos.

I look forward to hearing your response,

Shelly

Shelly Wells \* Environmental Specialist-Advanced Environmental Bureau

EMNRD-Oil Conservation Division

1220 S. St. Francis Drive|Santa Fe, NM 87505

(505)469-7520|Shelly.Wells@emnrd.nm.gov

http://www.emnrd.state.nm.us/OCD/

**From:** Ashley Giovengo <a href="mailto:agiovengo@ensolum.com">agiovengo@ensolum.com</a>>

Sent: Wednesday, June 19, 2024 10:02 AM

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

**Cc:** Cole Burton < cburton@ensolum.com>

**Subject:** [EXTERNAL] RE: NAPP2404348731 JACK SLEEPER/NOVO BOOSTER STATION

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

Good Morning Shelly,

I apologize and understand the confusion. Floor samples FS59 and FS41 were on the other side of a fence and off-pad so they were originally mapped separately, however they are part of the larger excavation area. In addition, confirmation sidewall samples SW11 and SW12 were collected from the sidewalls surrounding the equipment onsite. Please see the attached report with the updated figures and please feel free to let me know if you have any additional questions.

Thanks,



"Your authenticity is your superpower." – Unknown

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

Released to Imaging: 7/3/2024 1:54:24 PM

**Sent:** Tuesday, June 18, 2024 3:44 PM

**To:** Ashley Giovengo <a href="mailto:agiovengo@ensolum.com">agiovengo@ensolum.com</a>>

**Subject:** NAPP2404348731 JACK SLEEPER/NOVO BOOSTER STATION

# [ \*\*EXTERNAL EMAIL\*\*]

Hi Ashley,

I am reviewing the deferral request you submitted on behalf of Matador and have questions for you regarding the samples collected to the south. FS59 and FS41 did not have a sidewall sample collected around them. Did you include any portion of the sidewalls in with the floor samples? Also, SW12 looks like it's floating in the middle of the requested area to be deferred as shown in Figure 4...was it collected around the edge of the equipment there?

If you can provide me some answers it would be helpful.

Kind regards,

Shelly

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District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

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

QUESTIONS

Action 351869

## **QUESTIONS**

Operator:	OGRID:
Longwood Midstream Delaware, LLC	330274
5400 LBJ Freeway, Ste. 1500	Action Number:
Dallas, TX 75240	351869
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

Prerequisites	
Incident ID (n#)	nAPP2404348731
Incident Name	NAPP2404348731 JACK SLEEPER/NOVO BOOSTER STATION @ 0
Incident Type	Produced Water Release
Incident Status	Deferral Request Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Jack Sleeper/NOVO Booster Station
Date Release Discovered 02/11/2024	
Surface Owner	Private

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

aterial(s) released, please answer all that apply below. Any calculations or specific justifications	In the volumes provided should be attached to the follow-up 6-141 submission.
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Pump   Produced Water   Released: 464 BBL   Recovered: 282 BBL   Lost: 182 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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

QUESTIONS, Page 2

Action 351869

Phone:(505) 476-3470 Fax:(505) 476-3462	
QUES <sup>-</sup>	FIONS (continued)
Operator:	OGRID:
Longwood Midstream Delaware, LLC	330274
5400 LBJ Freeway, Ste. 1500 Dallas, TX 75240	Action Number: 351869
	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. gas only) are to be submitted on the C-129 form.
Initial Response	
The responsible party must undertake the following actions immediately unless they could create a	safety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	diation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative o eted 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 rele the 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 eases which may endanger public health or the environment. The acceptance of a C-141 report by a adequately investigate and remediate contamination that pose a threat to groundwater, surface out does not relieve the operator of responsibility for compliance with any other federal, state, or
	Name: Jason Touchet
I hereby agree and sign off to the above statement	Title: EHS Field Rep

Date: 06/07/2024

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

QUESTIONS, Page 3

Action 351869

## **QUESTIONS** (continued)

Operator:	OGRID:
Longwood Midstream Delaware, LLC	330274
5400 LBJ Freeway, Ste. 1500	Action Number:
Dallas, TX 75240	351869
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

#### QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (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 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1000 (ft.) and ½ (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1000 (ft.) and ½ (mi.)
Any other fresh water well or spring	Between 1000 (ft.) and ½ (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1000 (ft.) and ½ (mi.)
A wetland	Between 500 and 1000 (ft.)
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	Medium
A 100-year floodplain	Between 100 and 200 (ft.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provi	rided 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 associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.		
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
Chloride (EPA 300.0 or SM4500 Cl B)	8850	
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	215	
GRO+DRO (EPA SW-846 Method 8015M)	53.9	
BTEX (EPA SW-846 Method 8021B or 8260B)	0	
Benzene (EPA SW-846 Method 8021B or 8260B)	0	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes 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.		
On what estimated date will the remediation commence	04/15/2024	
On what date will (or did) the final sampling or liner inspection occur	04/15/2024	
On what date will (or was) the remediation complete(d)	05/17/2024	
What is the estimated surface area (in square feet) that will be reclaimed	1753	
What is the estimated volume (in cubic yards) that will be reclaimed	285	
What is the estimated surface area (in square feet) that will be remediated	13909	
What is the estimated volume (in cubic yards) that will be remediated	1740	
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 adjus	sted 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.

**District I** 

1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 **District II** 

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1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 **District IV** 

<u>District IV</u> 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

# 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 351869

**QUESTIONS** (continued)

Operator:	OGRID:
Longwood Midstream Delaware, LLC	330274
5400 LBJ Freeway, Ste. 1500	Action Number:
Dallas, TX 75240	351869
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

#### QUESTIONS

Remediation Plan (continued)		
(Select all answers below that apply.)		
What is the name of the NMED facility  (Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)  Not answered.  (In Situ) Soil Vapor Extraction  (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)  (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)  (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)  Not answered.  (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)  Not answered.  OTHER (Non-listed remedial process)  Not answered.  Per Subsection 8 of 49 15 29 11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a processed remediation plan in accordance with 19 15 39		

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

I hereby agree and sign off to the above statement

I hereby agree and sign off to the above statement

Email: jason.touchet@matadorresources.com

Date: 06/07/2024

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

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**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 351869

QUESTIONS	(continued)

Operator:	OGRID:	
Longwood Midstream Delaware, LLC	330274	
5400 LBJ Freeway, Ste. 1500 Dallas, TX 75240	Action Number:	
	351869	
	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 o	of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	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	Transfer pumps, containment, piping and electrical panels	
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	1753	
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	285	
	iniately under or around production equipment such as production tanks, wellheads and pipelines where n 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	30-015-49247 JACK SLEEPER COM 9 16 23S 28E #121H	
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 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	
to report and/or file certain release notifications and perform corrective actions for relethe 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 rt 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: 06/07/2024

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

QUESTIONS, Page 6

Action 351869

**QUESTIONS** (continued)

Operator:	OGRID:
Longwood Midstream Delaware, LLC	330274
5400 LBJ Freeway, Ste. 1500	Action Number:
Dallas, TX 75240	351869
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

Sampling Event Information		
Last sampling notification (C-141N) recorded	344331	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/17/2024	
What was the (estimated) number of samples that were to be gathered	72	
What was the sampling surface area in square feet	13732	

Remediation Closure Request		
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.		
Requesting a remediation closure approval with this submission	No	

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

CONDITIONS

Action 351869

## **CONDITIONS**

Operator:	OGRID:
Longwood Midstream Delaware, LLC	330274
5400 LBJ Freeway, Ste. 1500	Action Number:
Dallas, TX 75240	351869
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

## CONDITIONS

Created By	$^{\prime}$	Condition Date
scwells	Deferral approved. Deferral of FS58, SW11 and SW12 is approved until plugging and abandonment or a major facility deconstruction, whichever comes first. A complete and accurate remediation report and/or reclamation report will need to be submitted at that time.	6/21/2024