

May 29, 2024

New Mexico Energy Minerals and Natural Resources Department

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

Re: Closure Request

Voni West TB

Incident Number nAPP2406051763

Eddy County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of Matador Production Company (Matador), has prepared this *Closure Request* to document assessment, excavation, and soil sampling activities at the Voni West TB (Site). The purpose of the Site assessment and soil sampling activities was to assess for the presence or absence of impacts to soil following a release of produced water onto the well pad. Based on field observations, field screening activities, and soil sample laboratory analytical results, Matador is submitting this *Closure Request*, describing Site assessment, excavation, and delineation activities that have occurred and requesting no further action for Incident Number nAPP2406051763.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit E, Section 21, Township 26 South, Range 31 East, in Eddy County, New Mexico (32.03498°, -103.78557°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On February 29, 2024, an equipment failure on a separator occurred, resulting in the release of approximately 9 barrels (bbls) of produced water onto the pad. A vacuum truck successfully recovered all 2 bbls of produced water. Matador reported the release to the New Mexico Oil Conservation Division (NMOCD) via on the NMOCD Portal February 29, 2024, and submitted a Release Notification Form C-141 (Form C-141) on March 7, 2024. The release was assigned Incident Number nAPP2406051763. The Form C-141 can be referenced on the NMOCD Portal.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented on page 3 of the Form C-141, Site Assessment/Characterization. Potential Site receptors are identified on Figure 1.

The closest permitted groundwater well with depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) well, C-4769 POD1, located approximately 0.36 miles east of the Site. The well had a reported depth to groundwater greater than 101 feet below ground surface (bgs) and a total

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



depth of 101 feet bgs. There are no regional or Site-specific hydrogeological conditions, such as shallow surface water, karst features, wetlands, or vegetation that suggest the Site is conducive to shallower groundwater. All wells used for depth to groundwater determination are presented on Figure 1. The referenced well record is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is a wetland area, located approximately 3,168 feet southeast of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (medium potential karst designation area). Site receptors are identified on Figure 1.

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

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

SITE ASSESSMENT ACTIVITIES

On March 1, 2024, Ensolum personnel visited the Site to evaluate the release extent based on information provided on the Form C-141 and visual observations. Four preliminary soil samples (SS01 through SS04) were collected around the release extent at a depth of approximately 0 feet bgs to assess the lateral extent of the release. The preliminary soil samples were field screened for chloride and TPH utilizing HACH® Chloride Quantab® test strips and a PetroFLAG® Soil Analyzer System, respectively. The release extent and preliminary soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2. Photographic documentation is included in Appendix B.

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

DELINEATION AND EXCAVATION SOIL SAMPLING ACTIVITIES

On March 20, 2024, Ensolum personnel were at the Site to oversee vertical delineation activities. Boreholes were advanced via hand auger within the release extent to assess the vertical extent of the release. Borehole BH01 was advanced to a depth of 2 feet bgs and boreholes BH02 and BH03 were advanced to a depth of 1-foot bgs. Delineation soil samples were collected from each borehole at depths ranging from 0 feet to 2 feet bgs. Soil from the delineation boreholes were field screened for chloride and TPH. Field screening results and observations for the boreholes were logged on



lithologic/soil sampling logs, which are included in Appendix C. The delineation soil sample locations are depicted on Figure 2.

Laboratory analytical results for all surficial delineation soil samples indicated COC concentrations for BTEX, GRO+DRO, and Total TPH exceeded the Closure Criteria; however, laboratory analytical results for delineation soil samples BH01, BH02, and BH03 at 1-foot, 0.5 feet, and 0.5 feet bgs, respectively, indicated all COC concentrations were compliant with the Site Closure Criteria and the reclamation requirement. Laboratory analytical results are summarized in Table 1 and laboratory analytical reports are included in Appendix D.

Starting on April 14, 2024, impacted soil was excavated via surface scrape from the release area as indicated by visible staining, field screening activities, and laboratory analytical results for delineation soil samples. Excavation activities were performed using a backhoe, hand digging, and belly dump trucks. The excavation occurred on the north side of the tank pad between a steel pipe rack, a produced water line riser and around five horizontal separators. To direct excavation activities, Ensolum personnel screened soil for TPH and chloride.

Following removal of impacted soil, Ensolum personnel collected 5-point composite soil samples representing at least 200 square feet from the floor of the scrape. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. Composite soil samples FS01 through FS34 were collected from the floor of the excavation just beneath the scraped surface (0 feet bgs). The excavation soil samples were collected, handled, and analyzed following the same procedures as described above. The excavation extent and excavation soil sample locations are presented on Figure 3.

The final excavation extent measured approximately 6,680 square feet. A total of approximately 60 cubic yards of impacted soil was removed during the excavation activities. The impacted soil was transported and properly disposed of at the R360 Facility in Hobbs, New Mexico. After completion of confirmation sampling, the excavation areas were secured with fencing.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for excavation floor soil samples FS01 through FS267 indicated all COC concentrations were compliant with the Site Closure Criteria and with the reclamation requirement. Excavation floor sample FS27 exceeded the Site Closure Criteria for TPH at ground surface and was further excavated on March 17, 2024, and resubmitted to the analytical laboratory. Excavation floor sample FS27 was compliant with the Site Closure Criteria at 0.5 feet bgs. Laboratory analytical results are summarized in Tables 1 and 2 and the complete laboratory analytical reports are included as Appendix E.

CLOSURE REQUEST

Site assessment and excavation activities were conducted at the Site to address the February 2024 release of produced water. Laboratory analytical results for the excavation soil samples, collected from the final excavation extent, indicated all COC concentrations were in compliance with the Site Closure Criteria. Based on the soil sample analytical results, no further remediation was required.

Excavation of impacted and waste-containing soil has mitigated adverse conditions at this Site. Depth to groundwater has been estimated to be greater than 101 feet bgs and no other sensitive receptors were identified near the release extent. Matador believes these remedial actions are protective of human health, the environment, and groundwater. As such, Matador respectfully requests closure for Incident Number nAPP2406051763.



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

Sincerely, **Ensolum, LLC**

Chad Hamilton Staff Geologist

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

Appendices:

Figure 1 Site Receptor Map

Figure 2 Delineation Soil Sample Locations Figure 3 Excavation Soil Sample Locations

Table 1 Soil Sample Analytical Results (Delineation Soil Samples)Table 2 Soil Sample Analytical Results (Excavation Soil Samples)

Appendix A Referenced Well Records

Appendix B Photographic Log

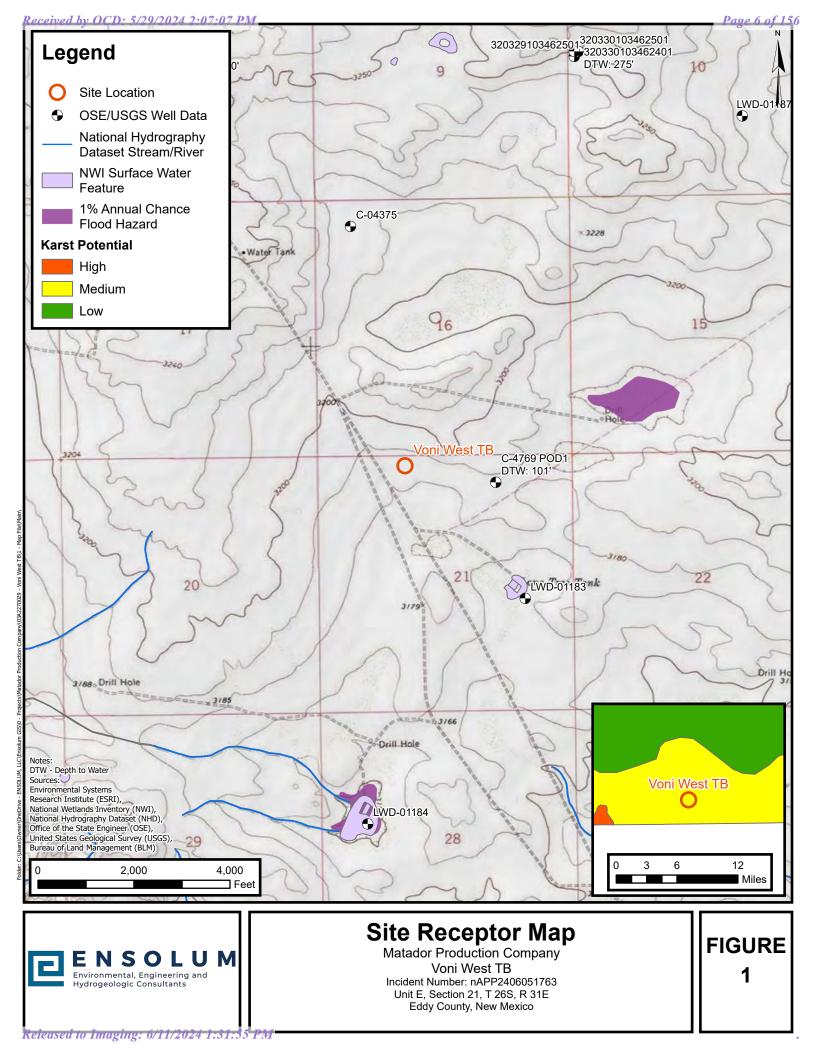
Appendix C Lithologic / Soil Sampling Logs

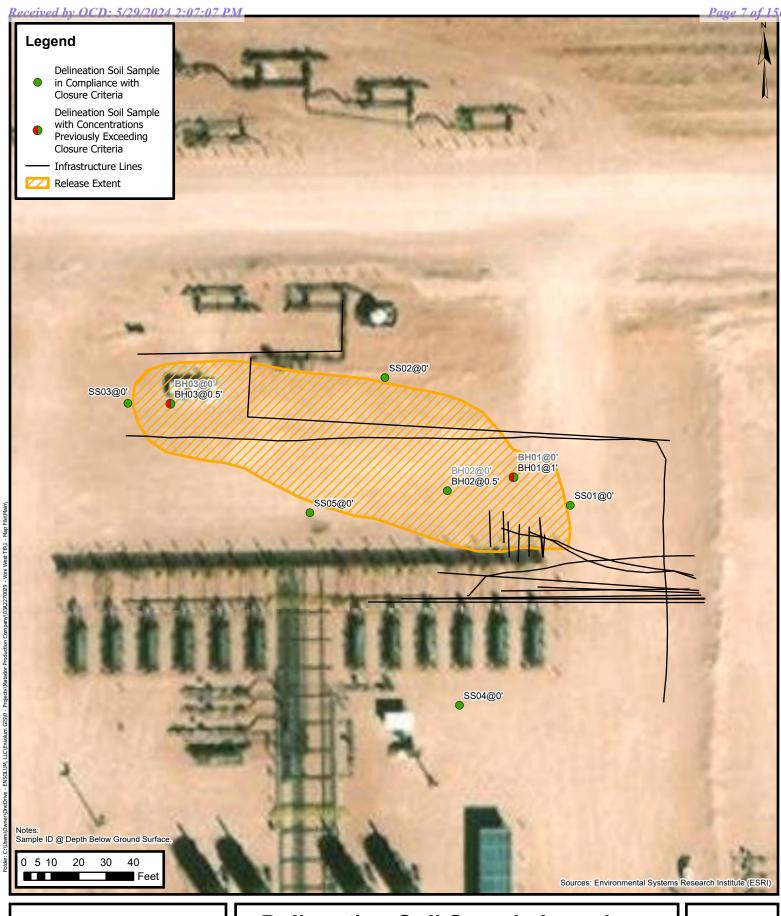
Appendix D Laboratory Analytical Reports & Chain-of-Custody Documentation

Appendix E NMOCD Notifications



FIGURES



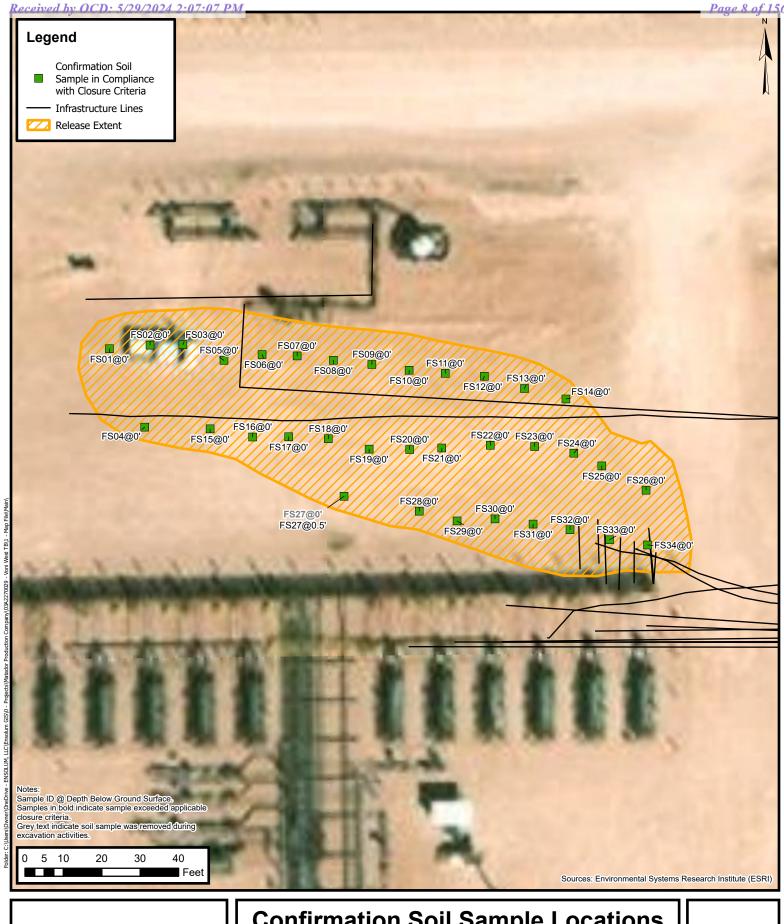




Delineation Soil Sample Locations

Matador Production Company
Voni West TB
Incident Number: nAPP2406051763
Unit E, Section 21, T 26S, R 31E
Eddy County, New Mexico

FIGURE 2





Confirmation Soil Sample Locations

Matador Production Company Voni West TB Incident Number: nAPP2406051763 Unit E, Section 21, T 26S, R 31E Eddy County, New Mexico

FIGURE 3



TABLES



TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS Voni West TB

Matador Production Company Eddy County, New Mexico

| | | | | Luuy | County, New Mic | FAICO | | | | |
|-----------------------|--------------------|---------------------|--------------------|-----------------------|--------------------|--------------------|--------------------|--------------------|----------------------|---------------------|
| Sample Designation | Date | Depth (feet bgs) | Benzene (mg/kg) | Total BTEX (mg/kg) | TPH GRO (mg/kg) | TPH DRO (mg/kg) | TPH ORO (mg/kg) | GRO+DRO (mg/kg) | Total TPH (mg/kg) | Chloride (mg/kg) |
| NMOCD Table I | Closure Criteria (| (NMAC 19.15.29) | 10 | 50 | NE | NE | NE | 1,000 | 2,500 | 20,000 |
| | | | | Delir | neation Soil San | nples | | | | |
| SS01 | 3/1/2024 | 0 | < 0.0250 | <0.0250 | <20.0 | <25.0 | <50.0 | <20.0 | <20.0 | 97.4 |
| SS02 | 3/1/2024 | 0 | <0.0250 | <0.0250 | <20.0 | <25.0 | <50.0 | <20.0 | <20.0 | <20.0 |
| SS03 | 3/1/2024 | 0 | <0.0250 | <0.0250 | <20.0 | <25.0 | <50.0 | <20.0 | <20.0 | 21.5 |
| SS04 | 3/1/2024 | 0 | <0.0250 | <0.0250 | <20.0 | <25.0 | <50.0 | <20.0 | <20.0 | 48.3 |
| SS05 | 3/20/2024 | 0 | <0.0250 | <0.0250 | <20.0 | <25.0 | <50.0 | <20.0 | <20.0 | 121 |
| BH01 | 3/20/2024 | 0 | 0.202 | 76.702 | 589 | 5,710 | 165 | 6,299 | 6,464 | 7,210 |
| BH01 | 3/20/2024 | 1 | <0.0250 | <0.0250 | <20.0 | <25.0 | <50.0 | <20.0 | <20.0 | 25.6 |
| BH02 | 3/20/2024 | 0 | < 0.0250 | < 0.0250 | <20.0 | <25.0 | <50.0 | <20.0 | <20.0 | 1,340 |
| BH02 | 3/20/2024 | 0.5 | <0.0250 | <0.0250 | <20.0 | <25.0 | <50.0 | <20.0 | <20.0 | <20.0 |
| BH03 | 3/20/2024 | 0 | < 0.0250 | 0.1654 | <20.0 | 4,240 | 7,000 | 4,240 | 11,240 | 71.5 |
| BH03 | 3/20/2024 | 0.5 | <0.0250 | <0.0250 | <20.0 | <25.0 | <50.0 | <20.0 | <20.0 | 21.4 |

Notes:

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

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

<: Laboratory Analytical result is less than reporting limit

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

GRO: Gasoline Range Organics DRO: Diesel Range Organics ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

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





TABLE 2 **SOIL SAMPLE ANALYTICAL RESULTS**

Voni West TB **Matador Production Company**

| | | | | Eddy | y County, New M | 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 | 1,000 | 2,500 | 20,000 |
| | | | | Excava | ation Floor Soil S | amples | | | | |
| FS01 | 4/15/2024 | 0 | <0.0250 | <0.0250 | <20.0 | <25.0 | <50.0 | <25.0 | <25.0 | <20.0 |
| FS02 | 4/15/2024 | 0 | <0.0250 | <0.0250 | <20.0 | <25.0 | <50.0 | <25.0 | <25.0 | <20.0 |
| FS03 | 4/15/2024 | 0 | <0.0250 | <0.0250 | <20.0 | <25.0 | <50.0 | <25.0 | <25.0 | <20.0 |
| FS04 | 4/15/2024 | 0 | <0.0250 | <0.0250 | <20.0 | <25.0 | <50.0 | <25.0 | <25.0 | 40.2 |
| FS05 | 4/16/2024 | 0 | <0.0250 | <0.0250 | <20.0 | <25.0 | <50.0 | <25.0 | <25.0 | <20.0 |
| FS06 | 4/16/2024 | 0 | <0.0250 | <0.0250 | <20.0 | <25.0 | <50.0 | <25.0 | <25.0 | <20.0 |
| FS07 | 4/16/2024 | 0 | <0.0250 | <0.0250 | <20.0 | <25.0 | <50.0 | <25.0 | <25.0 | 632 |
| FS08 | 4/16/2024 | 0 | <0.0250 | <0.0250 | <20.0 | 69.6 | <50.0 | 69.6 | 69.6 | 622 |
| FS09 | 4/16/2024 | 0 | <0.0250 | <0.0250 | <20.0 | <25.0 | <50.0 | <25.0 | <25.0 | 27.4 |
| FS10 | 4/16/2024 | 0 | <0.0250 | <0.0250 | <20.0 | 176 | <50.0 | 176 | 176 | 59.0 |
| FS11 | 4/16/2024 | 0 | <0.0250 | <0.0250 | <20.0 | 79.4 | <50.0 | 79.4 | 79.4 | 49.7 |
| FS12 | 4/16/2024 | 0 | <0.0250 | <0.0250 | <20.0 | <25.0 | <50.0 | <25.0 | <25.0 | <20.0 |
| FS13 | 4/16/2024 | 0 | <0.0250 | <0.0250 | <20.0 | 39.9 | <50.0 | 39.9 | 39.9 | 621 |
| FS14 | 4/16/2024 | 0 | <0.0250 | <0.0250 | <20.0 | <25.0 | <50.0 | <25.0 | <25.0 | 1,150 |
| FS15 | 4/16/2024 | 0 | <0.0250 | <0.0250 | <20.0 | <25.0 | <50.0 | <25.0 | <25.0 | <20.0 |
| FS16 | 4/16/2024 | 0 | <0.0250 | <0.0250 | <20.0 | <25.0 | <50.0 | <25.0 | <25.0 | 54.8 |
| FS17 | 4/16/2024 | 0 | <0.0250 | <0.0250 | <20.0 | <25.0 | <50.0 | <25.0 | <25.0 | 42.3 |
| FS18 | 4/16/2024 | 0 | <0.0250 | <0.0250 | <20.0 | <25.0 | <50.0 | <25.0 | <25.0 | <20.0 |
| FS19 | 4/16/2024 | 0 | <0.0250 | <0.0250 | <20.0 | 650 | <50.0 | 650 | 650 | 44.1 |
| FS20 | 4/16/2024 | 0 | <0.0250 | <0.0250 | <20.0 | 97.5 | <50.0 | 97.5 | 97.5 | 31.5 |
| FS21 | 4/16/2024 | 0 | <0.0250 | <0.0250 | <20.0 | <25.0 | <50.0 | <25.0 | <25.0 | 71.0 |





GRO: Gasoline Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

DRO: Diesel Range Organics

ORO: Oil Range Organics

TABLE 2

SOIL SAMPLE ANALYTICAL RESULTS - Continued

Voni West TB

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 | 1,000 | 2,500 | 20,000 |
| | | | | Excavation | n Floor Soil Sam | oles (cont.) | | | | |
| FS22 | 4/16/2024 | 0 | <0.0250 | <0.0250 | <20.0 | <25.0 | <50.0 | <25.0 | <25.0 | 20.7 |
| FS23 | 4/16/2024 | 0 | <0.0250 | <0.0250 | <20.0 | 47.1 | <50.0 | 47.1 | 47.1 | 1,560 |
| FS24 | 4/16/2024 | 0 | <0.0250 | <0.0250 | <20.0 | 43.6 | <50.0 | 43.6 | 43.6 | 2,170 |
| FS25 | 4/16/2024 | 0 | <0.0250 | <0.0250 | <20.0 | <25.0 | <50.0 | <25.0 | <25.0 | 389 |
| FS26 | 4/16/2024 | 0 | <0.0250 | <0.0250 | <20.0 | <25.0 | <50.0 | <25.0 | <25.0 | 421 |
| FS27 | 4/16/2024 | 0 | < 0.0250 | < 0.0250 | <20.0 | 1,130 | <50.0 | 1,130 | 1,130 | 66.5 |
| FS27 | 5/17/2024 | 0.5 | < 0.0250 | <0.0250 | <20.0 | <25.0 | <50.0 | <25.0 | <25.0 | 43.3 |
| FS28 | 4/16/2024 | 0 | <0.0250 | <0.0250 | <20.0 | <25.0 | <50.0 | <25.0 | <25.0 | 36.6 |
| FS29 | 4/16/2024 | 0 | <0.0250 | <0.0250 | <20.0 | <25.0 | <50.0 | <25.0 | <25.0 | 147 |
| FS30 | 4/16/2024 | 0 | <0.0250 | <0.0250 | <20.0 | <25.0 | <50.0 | <25.0 | <25.0 | 976 |
| FS31 | 4/16/2024 | 0 | <0.0250 | <0.0250 | <20.0 | <25.0 | <50.0 | <25.0 | <25.0 | 236 |
| FS32 | 4/16/2024 | 0 | <0.0250 | <0.0250 | <20.0 | <25.0 | <50.0 | <25.0 | <25.0 | 548 |
| FS33 | 4/16/2024 | 0 | <0.0250 | <0.0250 | <20.0 | <25.0 | <50.0 | <25.0 | <25.0 | 424 |
| FS34 | 4/16/2024 | 0 | <0.0250 | < 0.0250 | <20.0 | 26.8 | <50.0 | 26.8 | 26.8 | 438 |

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

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

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



APPENDIX A

Referenced Well Records



2904 W 2nd St. Roswell, NM 88201 voice: 575.624.2420 fax: 575.624.2421 www.atkinseng.com

September 13, 2023

DII-NMOSE 1900 W 2nd Street Roswell, NM 88201

Hand Delivered to the DII Office of the State Engineer

Re: Well Record C-4769Pod-1

To whom it may concern:

Attached please find a well log & record and a plugging record, in duplicate, for a one (1) soil borings, C-4769 Pod-1.

If you have any questions, please contact me at 575.499.9244 or lucas@atkinseng.com.

Sincerely,

Lucas Middleton

Enclosures: as noted above

Groon Middle

USE 071 SEP 14 2023 PM2:40



| GENERAL AND WELL LOCATION | OSE POD NO POD 1 (TV WELL OWNE Matador Pr WELL OWNE 5400 Lynd | V-1) ER NAME(S) Coduction ER MAILING | Company | WELL TAG ID NO. N/A | | OSE FILE NO(C-4769 PHONE (OPTION) CITY Dallas | | STATE TX 75240 | ZIP |
|----------------------------------|--|--------------------------------------|-------------------------|---|---------------------------------------|--|--|--------------------------------|--------------------------|
| 1. GENERAL AND | | S) LOI | FITUDE NGITUDE | 32 2 103 46 STREET ADDRESS AND COMMON LA | SECONDS 1.66 N 46.92 W ANDMARKS - PLS | * DATUM REG | REQUIRED: ONE TEN' QUIRED: WGS 84 WNSHJIP, RANGE) WH | | |
| | LICENSE NO | 19 | NAME OF LICENSED | Jackie D. Atkins | Lagrana | | _ | ineering Associates, I | |
| | 09/08/ | | 09/08/2023 | DEPTH OF COMPLETED WELL (FT) Temporary Well Material | | LE DEPTH (FT) ±101 | DEPTH WATER FIRS | ST ENCOUNTERED (FT) N/A | |
| ž | COMPLETE | WELL IS: | ARTESIAN | DRY HOLE SHALLOW | UNCONFINED) | | WATER LEVEL PLETED WELL N | /A DATE STATIC 9/13/2 | |
|) E | DRILLING FI | LUID: | AIR | MUD ADDITIVES | - SPECIFY: | | | | |
| RMA | DRILLING M | ЕТНОО: | ROTARY HAMI | MER CABLE TOOL OTHER | - SPECIFY: I | Hollow Stem | Auger CHECK INSTAL | HERE IF PITLESS ADA LED | PTER IS |
| SING INFO | DEPTH FROM | (feet bgl) | BORE HOLE DIAM (inches) | CASING MATERIAL AND/O GRADE (include each casing string, and note sections of screen) | d CON | ASING NECTION IYPE | CASING INSIDE DIAM. (inches) | CASING WALL THICKNESS (inches) | SLOT SIZE (inches) |
| CA | 0 | 101 | ±6.25 | Soil Boring | (add coup | ling diameter) | | | - |
| 2. DRILLING & CASING INFORMATION | | | | | | | | | |
| | | | | | | | OSE DITSER | 14 2023 PM2:40 | |
| | DEPTH | (feet bgl) | BORE HOLE | LIST ANNULAR SEAL | | | AMOUNT | METHO PLACEN | |
| TERIA | FROM | ТО | DIAM. (inches) | GRAVEL PACK SIZE-RA | | EKVAL | (cubic feet) | FLACEN | ALINI |
| ANNULAR MATERIAL | | | | | | | | | |
| 3. A | | | | A | | | | | |
| | | | | If an artist of the second | | | | | |
| | OSE INTER | NAL USE | | | | | | & LOG (Version 01/2 | 8/2022) |
| _ | E NO. | | | POD NO. | | TRN 1 | NO. | | |
| LOC | CATION | | | | | WELL TAG I | D NO. | PAGE | 1 OF 2 |

| 1 | DEPTH (| feet bgl) | | COLOR AN | D TYPE OF MATERIAL E | NCOLIN | TEDED - | 1 | TED | ESTIMATED |
|------------------------------|-------------|----------------------|---------------------|--|--|----------------------|--|-------------------------|--------------|---|
| | FROM | то | THICKNESS (feet) | INCLUDE WATE | R-BEARING CAVITIES Oplemental sheets to fully de | R FRAC | TURE ZONES | BEA | TER RING? | YIELD FOR WATER- BEARING ZONES (gpm) |
| | 0 | 4 | 4 | Sand, fine-grain | ined, poorly graded, unconsc | lidated, | dark brown | Y | ✓ N | |
| | 4 | 20 | 16 | Caliche, | consolidated, fine-grained s | and,whit | e/ tan | Y | ✓ N | |
| | 20 | 65 | 45 | Sand, fine | -grained, poorly graded, unc | onsolida | ted, tan | Y | √ N | |
| | 65 | 80 | 15 | Gravel, (0.5"), | sub rounded, with fine-grain | ed sand, | light brown | Y | √ N | |
| | 80 | 90 | 10 | Sand, fine-grain | ned, with gravel (0.25") sub- | rounded, | light brown | Y | √ N | |
| T | 90 | 101 | 11 | Sand, fine-gra | ined, poorly graded, unconsc | lidated, | dark brown | Y | ✓ N | |
| 4. HYDROGEOLOGIC LOG OF WELL | | | | | | | | Y | N | |
| OF | | | | | | | | Y | N | |
| 90° | | | | | | | | Y | N | |
| 101 | | | | | | | | Y | N | |
| 507 | | | | | | | | Y | N | |
| EO | | | | | | | | Y | N | |
| ROG | | | | | | | | Y | N | |
| TX. | | | | | | | | Y | N | |
| 4 | | | | | | | | Y | N | |
| | | | | | | | | Y | N | |
| | | | | | | | | Y | N | |
| | | | | | | | Q-C | Y | N | 6.20 |
| | | | | | | | 1 30 0 | Y | - ZVZ | R. C. Smith |
| | | | | | | | | Y | N | |
| | | | | | | | | Y | N | |
| | METHOD U | | | OF WATER-BEARING | G STRATA: THER – SPECIFY: | | | TAL ESTI | | 0.00 |
| | | TEST | RESULTS - ATT | ACH A COPY OF DAT | A COLLECTED DURING | WELL T | TESTING, INCLU | DING DISC | CHARGE I | METHOD, |
| VISION | WELL TES | STAR | RT TIME, END TI | ME, AND A TABLE SH | HOWING DISCHARGE AN | D DRA | WDOWN OVER 1 | THE TESTI | NG PERIO | DD. |
| TEST; RIG SUPERVIS | MISCELLA | NEOUS IN | FORMATION: Te be | emporary well materia clow ground surface(b | al removed and soil boring gs), then hydrated benton | g backfi ite chip | illed using drill c s ten feet bgs to | uttings fro surface. | m total d | epth to ten feet |
| EST | PRINT NAM | ME(S) OF D | RILL RIG SUPER | RVISOR(S) THAT PRO | VIDED ONSITE SUPERVI | SION O | F WELL CONSTR | UCTION (| THER TI | HAN LICENSEE: |
| 5. T | Shane Eldri | | | V 245 0 50 0 50 0 | 1000000 | | | | | |
| SIGNATURE | CORRECT I | RECORD C ERMIT HO | OF THE ABOVE I | DESCRIBED HOLE AN | EST OF HIS OR HER KNO ID THAT HE OR SHE WIL PLETION OF WELL DRIL | L FILE | | | | |
| 6. SIGN | Jack K | Itkins | | Jae | ckie D. Atkins | | | 09/1 | 3/2023 | |
| | | SIGNAT | TURE OF DRILLE | ER / PRINT SIGNEE | NAME | | | | DATE | |
| FΩ | R OSE INTER | NAL USF | | | | | WR-20 WELL | RECORD & | LOG (Ve | rsion 01/28/2022) |
| | E NO. | | | | POD NO. | | TRN NO. | | | |
| LO | CATION | | | | | WELL | TAG ID NO. | | | PAGE 2 OF 2 |



PLUGGING RECORD



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

| State E | NERAL / WELL OWNER ngineer Well Number: C-4 | 769- POD-1 | | | | | · · · · · · · · · · · · · · · · · · · | | |
|-----------------|---|---|--------------------------|----------------------------|-----------------------|---------------|---------------------------------------|--------------|-----------------|
| Well or | wner: Matador Production | Company | ita 1500 | | <u>-</u> | Phone 1 | No.: 337 | -319-8398 | |
| Mailing City: _ | g address: 5400 Lyndon B . Dallas | Johnson Pwy Su | | , | To | exas | | _ Zip code | 75240 |
| | ELL PLUGGING INFOR | MATION: | | | | | | | |
| 1) | Name of well drilling con | npany that plugg | ged well: | Jackie D. A | Atkins (/ | Atkins Eng | gineering | Associates | Inc.) |
| 2) | New Mexico Well Driller | License No.: 1 | 249 | | | | _ Expira | tion Date: | 04/30/25 |
| 3) | Well plugging activities v Cameron Pruitt | vere supervised b | by the foll | owing well | l driller(| s)/rig sup | ervisor(s) |): | |
| 4) | Date well plugging began | 09/12/2023 | | Date | well plu | gging co | ncluded: _ | 09/12/202 | 23 |
| 5) | GPS Well Location: | Latitude: Longitude: | 32 103 | deg, deg, | 2 46 | min, min, | 1.66 46.92 | _ sec, WGS | 84 |
| 6) | Depth of well confirmed a by the following manner: | at initiation of pl water level prob | ugging as e | :101 | ft be | low groun | nd level (t | ogl), | |
| 7) | Static water level measure | ed at initiation of | f plugging | :n/a_ | ft bg | 1 | | | |
| 8) | Date well plugging plan o | f operations was | s approved | l by the Sta | ate Engi | neer: _09 | 9/01/2023 | - | |
| 9) | Were all plugging activiti- differences between the ap | es consistent wit pproved pluggin | h an appro g plan and | oved plugg I the well a | ing plar is it was | n? plugged | (attach ad | ditional pag | ges as needed): |
| | | | | | | | 096 | dii sep 14 | 1 2023 PMZ:40 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

Version: September 8, 2009

Page 1 of 2

10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

| Depth (ft bgl) | Plugging <u>Material Used</u> (include any additives used) | Volume of Material Placed (gallons) | Theoretical Volume of Borehole/ Casing (gallons) | Placement Method (tremie pipe, other) | Comments ("casing perforated first", "open annular space also plugged", etc.) |
|-------------------|--|---|--|--|--|
| _ | 0-10' Hydrated Bentonite | Approx. 15 gallons | 15 gallons | Augers | |
| _ | 110'-101' | | | | |
| - | Drill Cuttings | Approx. 145 gallons | 145 gallons | Boring | |
| _ | | | | | |
| = | | | | | |
| | | | | | |
| - | | | | | |
| = | | | | | |
| - | , | | | | |
| # | | | AND OBTAIN | 035 DT S | SEP 14 2023 pm2;40 |
| | | cubic feet x 7.4 cubic yards x 201.9 | 1805 = gallons 37 = gallons | | |

III. SIGNATURE:

| I, Jackie D. Atkins | say | that | lam | familiar | with | the | rules | of t | he (| Office | of th | ne S | tate |
|--|-------|--------|--------|-----------|--------|------|-------|------|------|---------|---------|------|------|
| Engineer pertaining to the plugging of wells and that ea | ch ar | nd all | of the | e stateme | nts in | this | Plugg | ing | Reco | ord and | l attac | chm | ents |
| are true to the best of my knowledge and belief. | | | | | | | | | | | | | |

| Jack Atkins | 9/13/2023 |
|---------------------------|-----------|
| Signature of Well Driller | Date |

Version: September 8, 2009

WR-20 Well Record and Log-packet-forsign

Final Audit Report 2023-09-13

Created: 2023-09-13

By: Lucas Middleton (lucas@atkinseng.com)

Status: Signed

Transaction ID: CBJCHBCAABAA914YOThcZ6aUF6b7ZuFDIABkPmUK-QM_

"WR-20 Well Record and Log-packet-forsign" History

Document created by Lucas Middleton (lucas@atkinseng.com) 2023-09-13 - 8:05:20 PM GMT- IP address: 24.40.85.191

Document emailed to Jack Atkins (jack@atkinseng.com) for signature 2023-09-13 - 8:05:56 PM GMT

Email viewed by Jack Atkins (jack@atkinseng.com) 2023-09-13 - 8:49:20 PM GMT- IP address: 64.90.153,232

Document e-signed by Jack Atkins (jack@atkinseng.com)

Signature Date: 2023-09-13 - 8:52:34 PM GMT - Time Source: server- IP address: 64.90.153.232

Agreement completed. 2023-09-13 - 8:52:34 PM GMT

USE DIT SEP 14 2823 pm2:40





APPENDIX B

Photographic Log



Photographic Log **Matador Production Company**

Voni West TB nAPP2406051763





Photograph 1 Date: 3/1/2024

Description: Lease Signage

View: South

Photograph 2

Description: Release Area

View: East





Photograph 3

Description: Release Area

View: East

Photograph 4

Description: Release Area

View: West

Date: 3/1/2024

Date: 3/1/2024

Date: 3/1/2024



Photographic Log **Matador Production Company** Voni West TB nAPP2406051763





Photograph 5

Description: Release Area

View: North

Photograph 6

Description: Release Area

View: East





Photograph 7

Date: 3/20/2024

Date: 3/1/2024

Photograph 8

Date: 3/20/2024

Date: 3/1/2024

Description: Vertical Delineation

Description: Vertical Delineation View: East

View: South



Photographic Log

Matador Production Company Voni West TB nAPP2406051763





Photograph 9 Date: 3/14/2024

Description: Vertical Delineation

View: East

Photograph 10 Date: 4/16/2024

Description: Excavation Activities

View: West





Photograph 11 Date: 4/16/2024 Photograph 12 Date: 4/16/2024

Description: Excavation Activities Description: Excavation Activities

View: South View: West



Photographic Log
Matador Production Company
Voni West TB
nAPP2406051763



Date: 4/16/2024

Date: 4/16/2024



Date: 4/16/2024

Date: 4/16/2024

Photograph 9

Description: Excavation Area

View: North

Photograph 10

Description: Excavation Area

\/:---- \\/.--

View: West





Photograph 11

Description: Excavation Area

View: Southwest

Photograph 12

Description: Excavation Area

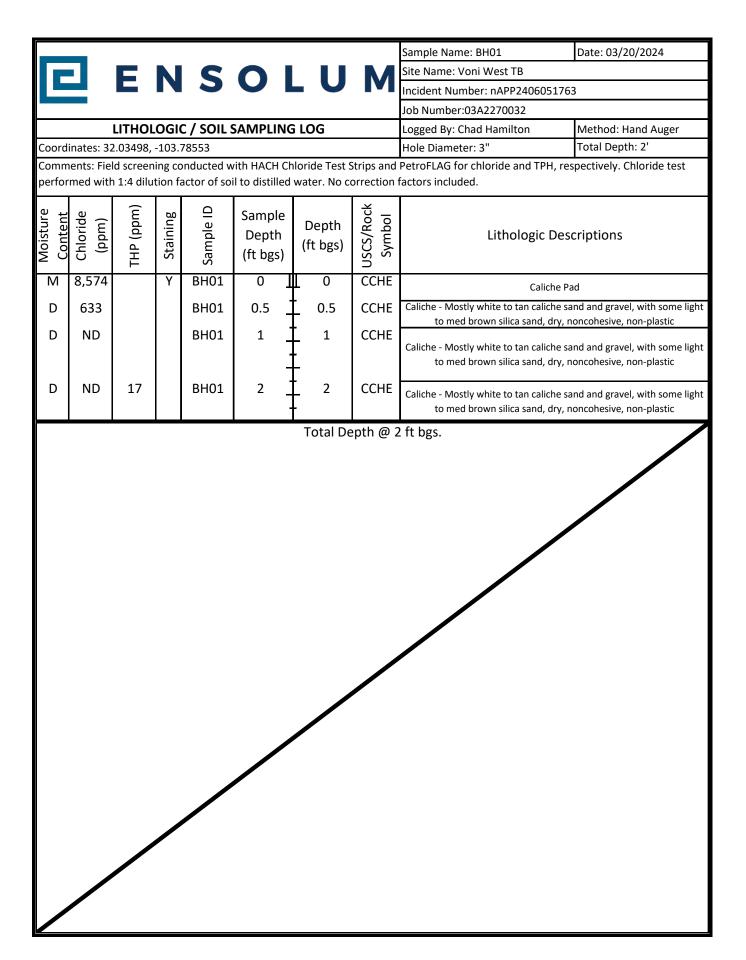
Cochpilon. Executation 7 ti

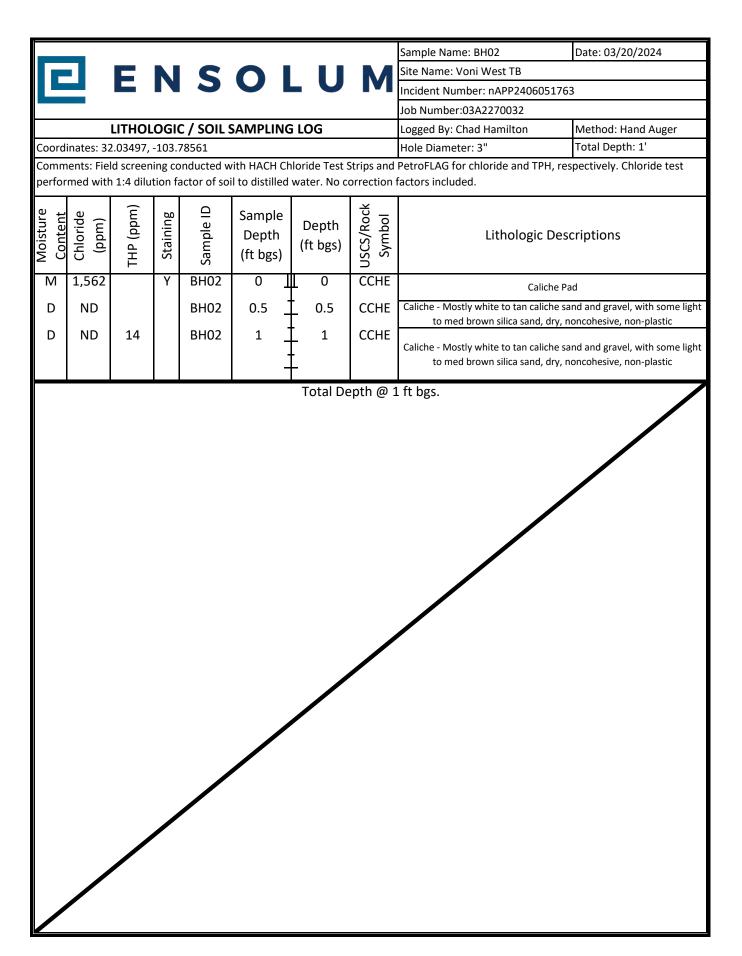
View: Southeast

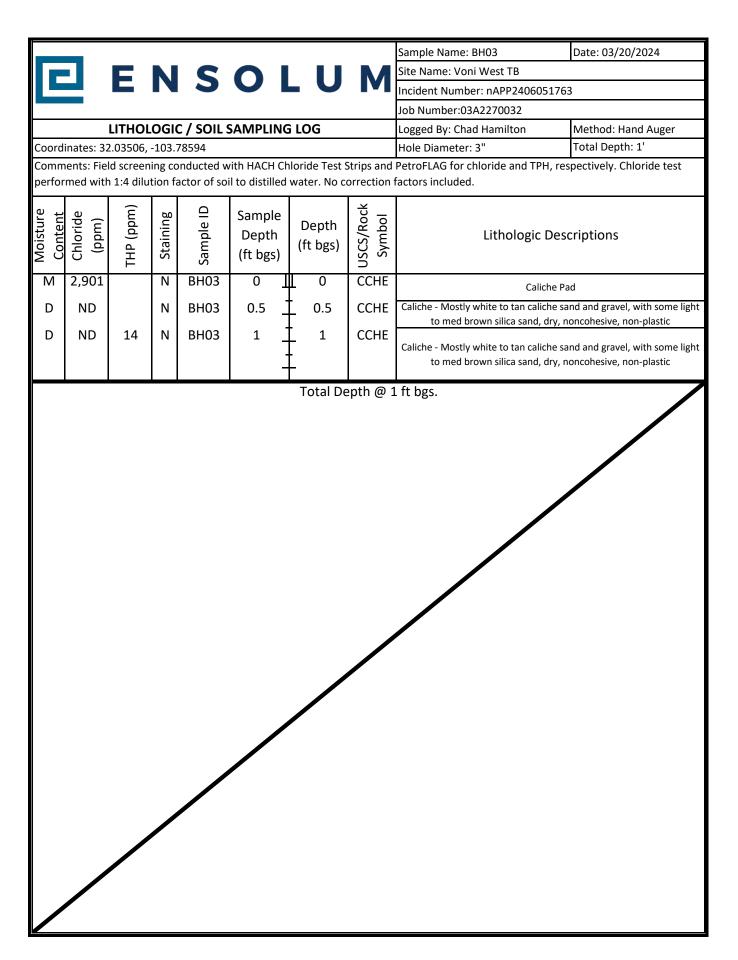


APPENDIX C

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: Voni West TB

Work Order: E403038

Job Number: 23003-C-0001

Received: 3/5/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 3/11/24

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: 3/11/24

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

Project Name: Voni West TB

Workorder: E403038

Date Received: 3/5/2024 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/5/2024 7:00:00AM, under the Project Name: Voni West TB.

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

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

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labadmin@envirotech-inc.com

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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: | Voni West TB | Reported: |
|------------------------------|------------------|-----------------|----------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 03/11/24 13:14 |

| Client Sample ID | Lab Sample ID Matrix | Sampled | Received | Container |
|------------------|----------------------|----------|----------|------------------|
| SS01 -0' | E403038-01A Soil | 03/01/24 | 03/05/24 | Glass Jar, 2 oz. |
| SS02 -0' | E403038-02A Soil | 03/01/24 | 03/05/24 | Glass Jar, 2 oz. |
| SS03 -0' | E403038-03A Soil | 03/01/24 | 03/05/24 | Glass Jar, 2 oz. |
| SS04 -0' | E403038-04A Soil | 03/01/24 | 03/05/24 | Glass Jar, 2 oz. |



Sample Data

| Matador Resources, LLC. | Project Name: | Voni West TB | |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 3/11/2024 1:14:37PM |

SS01 -0' E403038-01

| | E403036-01 | | | | |
|--------|---|---|---|--|---|
| Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
| mg/kg | mg/kg | · | | | Batch: 2410049 |
| ND | 0.0250 | 1 | 03/05/24 | 03/08/24 | |
| ND | 0.0250 | 1 | 03/05/24 | 03/08/24 | |
| ND | 0.0250 | 1 | 03/05/24 | 03/08/24 | |
| ND | 0.0250 | 1 | 03/05/24 | 03/08/24 | |
| ND | 0.0500 | 1 | 03/05/24 | 03/08/24 | |
| ND | 0.0250 | 1 | 03/05/24 | 03/08/24 | |
| | 93.2 % | 70-130 | 03/05/24 | 03/08/24 | |
| mg/kg | mg/kg Analyst: RKS | | | Batch: 2410049 | |
| ND | 20.0 | 1 | 03/05/24 | 03/08/24 | |
| | 94.7 % | 70-130 | 03/05/24 | 03/08/24 | |
| mg/kg | mg/kg | Analyst: KM | | | Batch: 2410080 |
| ND | 25.0 | 1 | 03/07/24 | 03/08/24 | |
| ND | 50.0 | 1 | 03/07/24 | 03/08/24 | |
| | 109 % | 50-200 | 03/07/24 | 03/08/24 | |
| mg/kg | mg/kg | Anal | yst: WF | | Batch: 2410057 |
| 97.4 | 20.0 | 1 | 03/05/24 | 03/06/24 | |
| | mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg | Result Reporting Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 20.0250 93.2 % mg/kg Mg/kg mg/kg ND 20.0 94.7 % mg/kg MD 25.0 ND 50.0 109 % mg/kg mg/kg mg/kg | Reporting Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 MD 0.0250 1 MD 20.0250 1 MB/kg mg/kg Anal ND 20.0 1 MB/kg mg/kg Anal ND 25.0 1 ND 50.0 1 109 % 50-200 mg/kg mg/kg Anal | Reporting 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 mg/kg mg/kg Analyst: RKS ND 20.0 1 03/05/24 mg/kg mg/kg Analyst: KM ND 25.0 1 03/07/24 ND 50.0 1 03/07/24 ND 50.0 1 03/07/24 ND 50.0 1 03/07/24 ND 50.0 03/07/24 Mg/kg mg/kg Analyst: KM | Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 03/05/24 03/08/24 ND 0.0500 1 03/05/24 03/08/24 ND 0.0250 1 03/05/24 03/08/24 ND 0.0250 1 03/05/24 03/08/24 Mg/kg mg/kg Analyst: RKS ND 20.0 1 03/05/24 03/08/24 mg/kg mg/kg Analyst: KM ND 25.0 1 03/07/24 03/08/24 ND 50.0 1 03/07/24 03/08/24 ND 50.0 1 03/07/24 03/08/24 ND 50.0 1 03/07/24 </td |



Sample Data

| Matador Resources, LLC. | Project Name: | Voni West TB | |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 3/11/2024 1:14:37PM |

SS02 -0' E403038-02

| | | E403038-02 | | | | |
|--|--------|--------------------|--------------|----------|----------|----------------|
| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
| Analyte | Resuit | Limit | Dilution | Prepared | Anaryzeu | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Anal | yst: RKS | | Batch: 2410049 |
| Benzene | ND | 0.0250 | 1 | 03/05/24 | 03/08/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/05/24 | 03/08/24 | |
| Toluene | ND | 0.0250 | 1 | 03/05/24 | 03/08/24 | |
| o-Xylene | ND | 0.0250 | 1 | 03/05/24 | 03/08/24 | |
| o,m-Xylene | ND | 0.0500 | 1 | 03/05/24 | 03/08/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/05/24 | 03/08/24 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 92.3 % | 70-130 | 03/05/24 | 03/08/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | mg/kg | Analyst: RKS | | | Batch: 2410049 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/05/24 | 03/08/24 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 96.3 % | 70-130 | 03/05/24 | 03/08/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Anal | yst: KM | | Batch: 2410080 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 03/07/24 | 03/08/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/07/24 | 03/08/24 | |
| Surrogate: n-Nonane | | 98.4 % | 50-200 | 03/07/24 | 03/08/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Anal | yst: WF | | Batch: 2410057 |
| Chloride | ND | 20.0 | 1 | 03/05/24 | 03/06/24 | |



Sample Data

| Matador Resources, LLC. | Project Name: | Voni West TB | |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 3/11/2024 1:14:37PM |

SS03 -0'

| | | E403038-03 | | | | |
|--|--------|------------|--------------|--------------|----------------|----------------|
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Ana | Analyst: RKS | | Batch: 2410049 |
| Benzene | ND | 0.0250 | 1 | 03/05/24 | 03/08/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/05/24 | 03/08/24 | |
| Toluene | ND | 0.0250 | 1 | 03/05/24 | 03/08/24 | |
| o-Xylene | ND | 0.0250 | 1 | 03/05/24 | 03/08/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 03/05/24 | 03/08/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/05/24 | 03/08/24 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 92.9 % | 70-130 | 03/05/24 | 03/08/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: RKS | | Batch: 2410049 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/05/24 | 03/08/24 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 95.1 % | 70-130 | 03/05/24 | 03/08/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Ana | lyst: KM | | Batch: 2410080 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 03/07/24 | 03/08/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/07/24 | 03/08/24 | |
| Surrogate: n-Nonane | | 98.4 % | 50-200 | 03/07/24 | 03/08/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Ana | llyst: WF | | Batch: 2410057 |
| Chloride | 21.5 | 20.0 | 1 | 03/05/24 | 03/06/24 | |



| Matador Resources, LLC. | Project Name: | Voni West TB | |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 3/11/2024 1:14:37PM |

SS04 -0'

| | | E403038-04 | | | | |
|--|--------|------------|----------|------------|----------|----------------|
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | n Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Ana | alyst: RKS | | Batch: 2410049 |
| Benzene | ND | 0.0250 | 1 | 03/05/24 | 03/08/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/05/24 | 03/08/24 | |
| Toluene | ND | 0.0250 | 1 | 03/05/24 | 03/08/24 | |
| o-Xylene | ND | 0.0250 | 1 | 03/05/24 | 03/08/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 03/05/24 | 03/08/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/05/24 | 03/08/24 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 93.0 % | 70-130 | 03/05/24 | 03/08/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Ana | alyst: RKS | | Batch: 2410049 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/05/24 | 03/08/24 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 94.8 % | 70-130 | 03/05/24 | 03/08/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Ana | alyst: KM | | Batch: 2410080 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 03/07/24 | 03/08/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/07/24 | 03/08/24 | |
| Surrogate: n-Nonane | | 95.3 % | 50-200 | 03/07/24 | 03/08/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Ana | alyst: WF | | Batch: 2410057 |
| Chloride | 48.3 | 20.0 | 1 | 03/05/24 | 03/06/24 | |



Voni West TB Matador Resources, LLC. Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-C-0001 Dallas TX, 75240 Project Manager: Ashley Giovengo 3/11/2024 1:14:37PM **Volatile Organics by EPA 8021B** Analyst: RKS Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2410049-BLK1) Prepared: 03/05/24 Analyzed: 03/07/24 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 7.54 8.00 94.3 70-130 LCS (2410049-BS1) Prepared: 03/05/24 Analyzed: 03/07/24 4.80 96.0 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.78 0.0250 5.00 95.6 70-130 4.79 0.0250 5.00 95.8 70-130 Toluene 94.5 o-Xylene 4.73 0.0250 5.00 70-130 10.0 96.6 70-130 9.66 0.0500 p.m-Xvlene 95.9 70-130 14.4 15.0 Total Xylenes 0.0250 8.00 94.7 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.58 Matrix Spike (2410049-MS1) Source: E403039-03 Prepared: 03/05/24 Analyzed: 03/07/24 3.95 0.0250 5.00 ND 54-133 Benzene ND 78.0 61-133 Ethylbenzene 3.90 0.0250 5.00 Toluene 3.92 0.0250 5.00 ND 78.3 61-130 3.87 ND 77.3 63-131 5.00 0.0250 o-Xylene p,m-Xylene 7.87 0.0500 10.0 ND 78.7 63-131 11.7 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.51 8.00 Matrix Spike Dup (2410049-MSD1) Source: E403039-03 Prepared: 03/05/24 Analyzed: 03/07/24 4.45 0.0250 5.00 ND 88.9 54-133 11.9 20

4.40

4 41

4.36

8.87

13.2

7.51

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

88.0

88.3

87.1

88.7

88.1

93.8

61-133

61-130

63-131

63-131

63-131

70-130

12.1

12.0

11.9

11.9

11.9

20

20

20

20

20



Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

| Matador Resources, LLC. | Project Name: | Voni West TB | Reported: |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | • |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 3/11/2024 1:14:37PM |

| Dallas TX, 75240 | | Project Manage | r: As | shley Gioveng | go | | | 3/1 | 1/2024 1:14:37PM |
|---|-----------------|-----------------------------|-------------------------|---------------------------|----------|---------------------------------------|-------------|-------------------|------------------|
| | Non | halogenated | Organics l | 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 (2410049-BLK1) | | | | | | | Prepared: 0 | 3/05/24 Analy | yzed: 03/07/24 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.70 | | 8.00 | | 96.3 | 70-130 | | | |
| LCS (2410049-BS2) | | | | | | | Prepared: 0 | 3/05/24 Analy | yzed: 03/07/24 |
| Gasoline Range Organics (C6-C10) | 41.6 | 20.0 | 50.0 | | 83.2 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.73 | | 8.00 | | 96.7 | 70-130 | | | |
| Matrix Spike (2410049-MS2) | | | Source: | E403039- | 03 | Prepared: 03/05/24 Analyzed: 03/07/24 | | | |
| Gasoline Range Organics (C6-C10) | 51.4 | 20.0 | 50.0 | ND | 103 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.73 | | 8.00 | | 96.6 | 70-130 | | | |
| Matrix Spike Dup (2410049-MSD2) | | | | Source: | E403039- | 03 | Prepared: 0 | 3/05/24 Analy | yzed: 03/08/24 |
| Gasoline Range Organics (C6-C10) | 43.4 | 20.0 | 50.0 | ND | 86.9 | 70-130 | 16.8 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.70 | | 8.00 | | 96.2 | 70-130 | | | |

Matador Resources, LLC.Project Name:Voni West TBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-C-0001Dallas TX, 75240Project Manager:Ashley Giovengo3/11/20241:14:37PM

| Dallas 171, 732 10 | | Troject Manage | | mey Groveng | - | | | | |
|---------------------------------|--------|--------------------|----------------|------------------|-----------|---------------|-------------|--------------|----------------|
| | 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 (2410080-BLK1) | | | | | | | Prepared: 0 | 3/07/24 Anal | yzed: 03/08/24 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 50.8 | | 50.0 | | 102 | 50-200 | | | |
| LCS (2410080-BS1) | | | | | | | Prepared: 0 | 3/07/24 Anal | yzed: 03/08/24 |
| Diesel Range Organics (C10-C28) | 295 | 25.0 | 250 | | 118 | 38-132 | | | |
| Surrogate: n-Nonane | 52.4 | | 50.0 | | 105 | 50-200 | | | |
| Matrix Spike (2410080-MS1) | | | | Source: | E403038-0 | 04 | Prepared: 0 | 3/07/24 Anal | yzed: 03/08/24 |
| Diesel Range Organics (C10-C28) | 292 | 25.0 | 250 | ND | 117 | 38-132 | | | |
| Surrogate: n-Nonane | 51.2 | | 50.0 | | 102 | 50-200 | | | |
| Matrix Spike Dup (2410080-MSD1) | | | | Source: | E403038-0 | 04 | Prepared: 0 | 3/07/24 Anal | yzed: 03/08/24 |
| Diesel Range Organics (C10-C28) | 294 | 25.0 | 250 | ND | 118 | 38-132 | 0.920 | 20 | |
| Surrogate: n-Nonane | 51.7 | | 50.0 | | 103 | 50-200 | | | |

QC Summary Data

| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 | | Project Name: Project Number: | | oni West TB 3003-C-0001 | | | | | Reported: |
|--|--------|----------------------------------|----------------|----------------------------|----------|---------------|-------------|--------------|---------------------|
| Dallas TX, 75240 | | Project Manager: | A | shley Gioveng | go | | | | 3/11/2024 1:14:37PM |
| | | Anions | by EPA | 300.0/9056 <i>A</i> | A | | | | 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 (2410057-BLK1) | | | | | | | Prepared: 0 | 3/05/24 A | nalyzed: 03/06/24 |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2410057-BS1) | | | | | | | Prepared: 0 | 3/05/24 A | nalyzed: 03/06/24 |
| Chloride | 252 | 20.0 | 250 | | 101 | 90-110 | | | |

| Matrix Spike (2410057-MS1) | Source: | E403039- | 05 | Prepared: 03/05/24 Analyzed: 03/06/24 | | | | | |
|---------------------------------|---------|----------|-----|---------------------------------------|----------|--------|--------------|---------------------------|----|
| Chloride | 367 | 20.0 | 250 | 114 | 101 | 80-120 | | | |
| Matrix Spike Dup (2410057-MSD1) | | | | Source: | E403039- | 05 | Prepared: 03 | 3/05/24 Analyzed: 03/06/2 | 24 |
| Chloride | 370 | 20.0 | 250 | 114 | 102 | 80-120 | 0.662 | 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: | Voni West TB | |
|------------------------------|------------------|-----------------|----------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 03/11/24 13:14 |

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



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| | Matador Pro | duction C | ompany. | | Ensolum 5 | / | | - 1 | ah H | se On | lv | T | | TA | т | FPA P | rogram |
|-----------------|-----------------------|----------------|-------------------------------------|--------------------|---------------------------------|------------------------|--------------------|-----------------|-------------|-------------|-----------------------|--------|----------|-----------|----------------------|--|---------|
| | Voni West 7 | | | | Attention: Matador Production | Company | Lab M/ | | | | | 10 | 2D | 3D | Standard | CWA | SDWA |
| Project N | Aanager: As | hley Giov | vengo | | Address: on file | Company | E 4 | 130 | 38 | 730 | Number 103-C-0001 | 10 | 120 | 30 | X | CVIA | JOVA |
| | 3122 Natio | | | | City, State, Zip: | | - 11 | 120 | | | sis and Metho | | | 1 1 | | | RCRA |
| 2.3 | e, Zip: Carls | | | | Phone: (387)319-8398 | | > | 1 | T | 1 | | Ť | | | | | Here |
| Phone: ! | 575-988-005 | 55 | | | Email: clinton.talley@matadorr | esources con | 80,6 | | 1 | | | | | | | State | |
| Email: a | giovengo@e | nsolum. | com | | Empire cuitonitaliey@matadon | esources.com | 0/0 | | | | 0 | 2 | | | NM CO | A STATE OF THE STA | TX |
| Report d | ue by: | | | | | | J/DR | 8021 | 3260 | 010 | 300, | S | - 1 | × | × | 1 1 1 1 1 | 3.5 |
| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | | Lab Number | TPH GRO/DRO/ORO by | 8015 BTEX by | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC | | GDOC | | Remarks | |
| 9:52 | 3/1/2024 | S | 1 | | SS01 - 0¹ | 1 | | | | | | Х | | | | | |
| 9:54 | 3/1/2024 | S | 1 | | SS02 - 0' | 2 | | | | | | Х | | | | | |
| 9:56 | 3/1/2024 | S | 1 | | SS03 - 0' | 3 | | | | | | х | | | | | |
| 11:53 | 3/1/2024 | S | 1 | | SS04 - 0' | ч | | | | | | X | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | lum.com, agiovengo@ensolum.com, | | | um.co | om | Sample | s requiring thermal | preser | vation m | ust be re | ceived on ice the da | y they are sam | pled or |
| date or time | of collection is c | onsidered fr | aud and may | be grounds for leg | | Hamilton | s location, | | | receive | d packed in ice at an | | | | | sequent days. | |
| Relinquishe | ed by: (Signatur | re) Le | Date O3 Date O3 | Time | Received by: (Signature) | Date 3.43 Date 3.43 | Tim | 104 | | Rece | lived on ice: | | Ø/ 1 | se Onl | T3 | | |
| Indre | 1 Sh | SSO | 3 | 4.24 2 | 230 Lective (Signature) | 3/5/ | 24 0 | 700 |) | AVG | Temp °C | 1 | | | | | |
| Cample Mark | ix: S - Soil, Sd - Si | olid, Sg - Slu | dge, A - Aque after resul | eous, O - Other | | Containe | Type: g | - glass | , p - p | oly/pl | lastic, ag - amb | oer g | lass, v | - VOA | | | |



envirotech Inc.

Printed: 3/5/2024 10:04:44AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

| Client: Marchest Marc | stody (COC) sample ID match the COC? sumber of samples per sampling site location match ples dropped off by client or carrier? OC complete, i.e., signatures, dates/times, requeste amples received within holding time? ote: Analysis, such as pH which should be conducted in the e, 15 minute hold time, are not included in this disucssion. In Around Time (TAT) OC indicate standard TAT, or Expedited TAT? ler uple cooler received? so cooler received? so cooler received in good condition? umple(s) received intact, i.e., not broken? stody/security seals present? ere custody/security seals intact? umple received on ice? If yes, the recorded temp is 4°C, i.e. | Date Received: Date Logged In: Due Date: In the COC and analyses? | 03/05/24 0 03/05/24 0 | 7:00 | | Work Order ID: Logged In By: | E403038 Angelina Pineda ts/Resolution | |
|--|--|--|--|--------------------------|----------------|---------------------------------|---|--|
| Phone: (97 Email: agi Chain of Cus 1. Does the se 2. Does the nu 3. Were samp 4. Was the Co 5. Were all sa No i.e. Sample Turn 6. Did the Co Sample Cool 7. Was a sam 8. If yes, was 9. Was the sai 10. Were cust 11. If yes, we 12. Was the sai No mi 13. If no visit | stody (COC) sample ID match the COC? number of samples per sampling site location match ples dropped off by client or carrier? OC complete, i.e., signatures, dates/times, requeste amples received within holding time? ote: Analysis, such as pH which should be conducted in the te, 15 minute hold time, are not included in this disucssion. In Around Time (TAT) OC indicate standard TAT, or Expedited TAT? ler uple cooler received? so cooler received in good condition? umple(s) received intact, i.e., not broken? stody/security seals present? ere custody/security seals intact? umple received on ice? If yes, the recorded temp is 4°C, i.e. unple received on ice? If yes, the recorded temp is 4°C, i.e. | Date Logged In: Due Date: In the COC and analyses? | 03/05/24 0 03/11/24 1 Yes Yes Yes Yes Yes Yes Yes | 7:35 7:00 (4 day TAT) | Courier | Logged In By: | Angelina Pineda | |
| Chain of Cus 1. Does the se 2. Does the no 3. Were samp 4. Was the CO 5. Were all sa No i.e. Sample Turn 6. Did the CO Sample Cool 7. Was a samp 8. If yes, was 9. Was the sa 10. Were cust 11. If yes, we 12. Was the san No mi 13. If no visit | stody (COC) ample ID match the COC? number of samples per sampling site location match ples dropped off by client or carrier? OC complete, i.e., signatures, dates/times, requeste amples received within holding time? ote: Analysis, such as pH which should be conducted in the te, 15 minute hold time, are not included in this disuession. n Around Time (TAT) OC indicate standard TAT, or Expedited TAT? ler aple cooler received? se cooler received in good condition? umple(s) received intact, i.e., not broken? stody/security seals present? ere custody/security seals intact? umple received on ice? If yes, the recorded temp is 4°C, i.e. unple received on ice? If yes, the recorded temp is 4°C, i.e. | on the COC and analyses? | Yes Yes Yes Yes Yes Yes Yes Yes | 7:00 (4 day TAT) | Courier | | | |
| Chain of Cus 1. Does the ss 2. Does the m 3. Were samp 4. Was the CO 5. Were all sa No i.e. Sample Turn 6. Did the CO Sample Cool 7. Was a samp 8. If yes, was 9. Was the sa 10. Were cust 11. If yes, we 12. Was the san No mi 13. If no visit | ample ID match the COC? number of samples per sampling site location match ples dropped off by client or carrier? OC complete, i.e., signatures, dates/times, requeste amples received within holding time? ote: Analysis, such as pH which should be conducted in the te, 15 minute hold time, are not included in this disuession. In Around Time (TAT) OC indicate standard TAT, or Expedited TAT? Iler Typle cooler received? so cooler received in good condition? umple(s) received intact, i.e., not broken? thody/security seals present? ere custody/security seals intact? umple received on ice? If yes, the recorded temp is 4°C, i.e. unple received on ice? If yes, the recorded temp is 4°C, i.e. | n the COC ed analyses? the field, | Yes Yes Yes Yes Yes Yes | <u> </u> | Courier | <u>Commen</u> | ts/Resolution | |
| 1. Does the se 2. Does the no 3. Were samp 4. Was the CC 5. Were all sa No i.e. Sample Turn 6. Did the CC Sample Cool 7. Was a samp 8. If yes, was 9. Was the sa 10. Were cust 11. If yes, we 12. Was the san No mi 13. If no visit | ample ID match the COC? number of samples per sampling site location match ples dropped off by client or carrier? OC complete, i.e., signatures, dates/times, requeste amples received within holding time? ote: Analysis, such as pH which should be conducted in the e, 15 minute hold time, are not included in this disucssion. In Around Time (TAT) OC indicate standard TAT, or Expedited TAT? Iler uple cooler received? se cooler received in good condition? umple(s) received intact, i.e., not broken? stody/security seals present? ere custody/security seals intact? umple received on ice? If yes, the recorded temp is 4°C, i.e. unple received on ice? If yes, the recorded temp is 4°C, i.e. | ed analyses? | Yes Yes Yes Yes Yes Yes | Carrier: <u>C</u> | Courier | <u>Commen</u> | ts/Resolution | |
| 1. Does the se 2. Does the no 3. Were samp 4. Was the CC 5. Were all sa No i.e. Sample Turn 6. Did the CC Sample Cool 7. Was a samp 8. If yes, was 9. Was the sa 10. Were cust 11. If yes, we 12. Was the san No mi 13. If no visit | ample ID match the COC? number of samples per sampling site location match ples dropped off by client or carrier? OC complete, i.e., signatures, dates/times, requeste amples received within holding time? ote: Analysis, such as pH which should be conducted in the e, 15 minute hold time, are not included in this disucssion. In Around Time (TAT) OC indicate standard TAT, or Expedited TAT? Iler uple cooler received? se cooler received in good condition? umple(s) received intact, i.e., not broken? stody/security seals present? ere custody/security seals intact? umple received on ice? If yes, the recorded temp is 4°C, i.e. unple received on ice? If yes, the recorded temp is 4°C, i.e. | ed analyses? | Yes Yes Yes Yes Yes Yes | Carrier: <u>C</u> | courier | <u>Commen</u> | ts/Resolution | |
| 2. Does the many of the many o | number of samples per sampling site location match ples dropped off by client or carrier? OC complete, i.e., signatures, dates/times, requeste amples received within holding time? ote: Analysis, such as pH which should be conducted in the total time, are not included in this disucssion. In Around Time (TAT) OC indicate standard TAT, or Expedited TAT? Iler uple cooler received? s cooler received in good condition? umple(s) received intact, i.e., not broken? stody/security seals present? ere custody/security seals intact? umple received on ice? If yes, the recorded temp is 4°C, i.e. | ed analyses? | Yes Yes Yes Yes Yes Yes | Carrier: <u>C</u> | Courier | <u>Commen</u> | ts/Resolution | |
| 3. Were samp 4. Was the CC 5. Were all sa No i.e Sample Turn 6. Did the CC Sample Cool 7. Was a samp 8. If yes, was 9. Was the sa 10. Were cust 11. If yes, we 12. Was the san No mi 13. If no visit | ples dropped off by client or carrier? OC complete, i.e., signatures, dates/times, requeste amples received within holding time? ote: Analysis, such as pH which should be conducted in the total time, are not included in this disucssion. In Around Time (TAT) OC indicate standard TAT, or Expedited TAT? Iter uple cooler received? se cooler received in good condition? tample(s) received intact, i.e., not broken? stody/security seals present? ere custody/security seals intact? tample received on ice? If yes, the recorded temp is 4°C, i.e. | ed analyses? | Yes Yes Yes Yes | Сагтіет: <u>С</u> | Courier | <u>Commen</u> | ts/Resolution | |
| 4. Was the CO 5. Were all sa No i.e Sample Turn 6. Did the CO Sample Cool 7. Was a sam 8. If yes, was 9. Was the sa 10. Were cust 11. If yes, we 12. Was the san No mi 13. If no visit | OC complete, i.e., signatures, dates/times, requeste amples received within holding time? ote: Analysis, such as pH which should be conducted in the total time, 15 minute hold time, are not included in this disucssion. In Around Time (TAT) OC indicate standard TAT, or Expedited TAT? Iter The cooler received? Is cooler received in good condition? The cooler received intact, i.e., not broken? The cooler received intact, i.e., not broken? The cooler received intact? | he field, | Yes Yes Yes | Carner: 2 | <u>Journel</u> | Commen | ts/Resolution | |
| 5. Were all sa No i.e Sample Turn 6. Did the CO Sample Cool 7. Was a sam 8. If yes, was 9. Was the sa 10. Were cust 11. If yes, we 12. Was the san No mi 13. If no visit | amples received within holding time? ote: Analysis, such as pH which should be conducted in the total time, 15 minute hold time, are not included in this disucssion. In Around Time (TAT) OC indicate standard TAT, or Expedited TAT? Ier uple cooler received? so cooler received in good condition? umple(s) received intact, i.e., not broken? tody/security seals present? ere custody/security seals intact? umple received on ice? If yes, the recorded temp is 4°C, i.e. | he field, | Yes Yes | | | Commen | ts/Resolution | |
| Sample Turn 6. Did the CO Sample Cool 7. Was a sam 8. If yes, was 9. Was the sa 10. Were cust 11. If yes, we 12. Was the san No mi 13. If no visit | ote: Analysis, such as pH which should be conducted in the part of | | Yes Yes | | | Commen | ts/Resolution | |
| 6. Did the CO Sample Cool 7. Was a sam 8. If yes, was 9. Was the sam 10. Were cust 11. If yes, we 12. Was the sam No mi 13. If no visit | OC indicate standard TAT, or Expedited TAT? ler uple cooler received? s cooler received in good condition? umple(s) received intact, i.e., not broken? stody/security seals present? ere custody/security seals intact? umple received on ice? If yes, the recorded temp is 4°C, i.e. | | Yes | | | | | |
| Sample Cool 7. Was a sample Response Sample Cool 8. If yes, was 9. Was the sample Response Sam | ler uple cooler received? s cooler received in good condition? umple(s) received intact, i.e., not broken? stody/security seals present? ere custody/security seals intact? umple received on ice? If yes, the recorded temp is 4°C, i.e. | | Yes | | | | | |
| 7. Was a samy 8. If yes, was 9. Was the san 10. Were cust 11. If yes, we 12. Was the san No mi 13. If no visil | uple cooler received? s cooler received in good condition? umple(s) received intact, i.e., not broken? stody/security seals present? ere custody/security seals intact? umple received on ice? If yes, the recorded temp is 4°C, i.e. | | | | | | | |
| 8. If yes, was 9. Was the sai 10. Were cust 11. If yes, we 12. Was the sai No mi 13. If no visil | s cooler received in good condition? umple(s) received intact, i.e., not broken? stody/security seals present? ere custody/security seals intact? umple received on ice? If yes, the recorded temp is 4°C, i.e. | | | | | | | |
| 9. Was the sau 10. Were cust 11. If yes, we 12. Was the sau No mi 13. If no visib | umple(s) received intact, i.e., not broken? stody/security seals present? ere custody/security seals intact? umple received on ice? If yes, the recorded temp is 4°C, i.e | | Yes | | | | | |
| 10. Were cust 11. If yes, we 12. Was the san No mi 13. If no visit | stody/security seals present? ere custody/security seals intact? umple received on ice? If yes, the recorded temp is 4°C, i.e | | | | | | | |
| 11. If yes, we 12. Was the san No mi 13. If no visit | ere custody/security seals intact? umple received on ice? If yes, the recorded temp is 4°C, i.e | | Yes | | | | | |
| 12. Was the san No mi 13. If no visib | ample received on ice? If yes, the recorded temp is 4°C, i.e | | No | | | | | |
| No mi 13. If no visit | • | | NA | · | | | | |
| | ote: Thermal preservation is not required, if samples are re inutes of sampling | | Yes | | | | | |
| Sample Con | ble ice, record the temperature. Actual sample te | mperature: 4°C | <u>C</u> | | | | | |
| 14 Are some | tainer ous VOC samples present? | | No | | | | | |
| - | C samples collected in VOA Vials? | | NA | | | | | |
| | ad space less than 6-8 mm (pea sized or less)? | | NA | | | | | |
| | p blank (TB) included for VOC analyses? | | NA | | | | | |
| - | VOC samples collected in the correct containers? | | Yes | | | | | |
| | ropriate volume/weight or number of sample container | rs collected? | Yes | | | | | |
| Field Label | | | | | | | | |
| | Id sample labels filled out with the minimum inform | nation: | | | | | | |
| | ple ID? | | Yes | | | | | |
| | /Time Collected? | | Yes | ' | | | | |
| | ectors name? | | Yes | | | | | |
| Sample Pres | | | Ma | | | | | |
| | COC or field labels indicate the samples were pres | icrvcu? | No NA | | | | | |
| | ple(s) correctly preserved? teration required and/or requested for dissolved met | tale? | No | | | | | |
| | | iais i | 140 | | | | | |
| | Sample Matrix | | NT . | | | | | |
| | sample have more than one phase, i.e., multiphase | | No | | | | | |
| 27. If yes, do | pes the COC specify which phase(s) is to be analyze | ea? | NA | | | | | |
| | t Laboratory | | | | | | | |
| - | ples required to get sent to a subcontract laboratory | | No | | | | | |
| 29. Was a sub | bcontract laboratory specified by the client and if s | o who? | NA | Subcontract Lab | : NA | | | |
| Client Instr | ruction | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| L | | | | | | | | |

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name: Voni West TB

Work Order: E403209

Job Number: 23003-C-0001

Received: 3/22/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 3/28/24

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: 3/28/24

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

Project Name: Voni West TB

Workorder: E403209

Date Received: 3/22/2024 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/22/2024 7:00:00AM, under the Project Name: Voni West TB.

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

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

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

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

Respectfully,

Walter Hinchman

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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

| Matador Resources, LLC. | Project Name: | Voni West TB | Donoutoda |
|------------------------------|------------------|-----------------|----------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 03/28/24 13:47 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| BH01-0' | E403209-01A | Soil | 03/20/24 | 03/22/24 | Glass Jar, 2 oz. |
| BH01-1' | E403209-02A | Soil | 03/20/24 | 03/22/24 | Glass Jar, 2 oz. |
| BH01-2' | E403209-03A | Soil | 03/20/24 | 03/22/24 | Glass Jar, 2 oz. |
| BH02-0' | E403209-04A | Soil | 03/20/24 | 03/22/24 | Glass Jar, 2 oz. |
| BH02-0.5' | E403209-05A | Soil | 03/20/24 | 03/22/24 | Glass Jar, 2 oz. |
| BH02-1' | E403209-06A | Soil | 03/20/24 | 03/22/24 | Glass Jar, 2 oz. |
| BH03-0' | E403209-07A | Soil | 03/20/24 | 03/22/24 | Glass Jar, 2 oz. |
| BH03-0.5' | E403209-08A | Soil | 03/20/24 | 03/22/24 | Glass Jar, 2 oz. |
| BH03-1' | E403209-09A | Soil | 03/20/24 | 03/22/24 | Glass Jar, 2 oz. |
| SS05-0' | E403209-10A | Soil | 03/20/24 | 03/22/24 | Glass Jar, 2 oz. |



| Matador Resources, LLC. | Project Name: | Voni West TB | |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 3/28/2024 1:47:57PM |

BH01-0' E403209-01

| | | E403209-01 | | | | |
|--|--------|------------|---------|-------------|----------|----------------|
| | D 1: | Reporting | | D 1 | | N. |
| Analyte | Result | Limit | Dilutio | on Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Aı | nalyst: BA | | Batch: 2412104 |
| Benzene | 0.202 | 0.0500 | 2 | 03/22/24 | 03/27/24 | |
| Ethylbenzene | 3.00 | 0.0500 | 2 | 03/22/24 | 03/27/24 | |
| Toluene | 11.5 | 0.0500 | 2 | 03/22/24 | 03/27/24 | |
| o-Xylene | 12.8 | 0.0500 | 2 | 03/22/24 | 03/27/24 | |
| o,m-Xylene | 49.2 | 0.100 | 2 | 03/22/24 | 03/27/24 | |
| Total Xylenes | 62.0 | 0.0500 | 2 | 03/22/24 | 03/27/24 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 110 % | 70-130 | 03/22/24 | 03/27/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Aı | nalyst: BA | | Batch: 2412104 |
| Gasoline Range Organics (C6-C10) | 589 | 40.0 | 2 | 03/22/24 | 03/27/24 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 98.1 % | 70-130 | 03/22/24 | 03/27/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Aı | nalyst: KM | | Batch: 2413011 |
| Diesel Range Organics (C10-C28) | 5710 | 25.0 | 1 | 03/25/24 | 03/26/24 | |
| Oil Range Organics (C28-C36) | 165 | 50.0 | 1 | 03/25/24 | 03/26/24 | |
| Surrogate: n-Nonane | | 308 % | 50-200 | 03/25/24 | 03/26/24 | S5 |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Aı | nalyst: IY | | Batch: 2412111 |
| Chloride | 7210 | 100 | 5 | 03/22/24 | 03/22/24 | |



| Matador Resources, LLC. | Project Name: | Voni West TB | |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 3/28/2024 1:47:57PM |

BH01-1' E403209-02

| | | E-103207-02 | | | | |
|--|--------|--------------------|----------|----------|----------|----------------|
| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analy | yst: BA | | Batch: 2412104 |
| Benzene | ND | 0.0250 | 1 | 03/22/24 | 03/27/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/22/24 | 03/27/24 | |
| Toluene | ND | 0.0250 | 1 | 03/22/24 | 03/27/24 | |
| o-Xylene | ND | 0.0250 | 1 | 03/22/24 | 03/27/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 03/22/24 | 03/27/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/22/24 | 03/27/24 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 97.6 % | 70-130 | 03/22/24 | 03/27/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analy | yst: BA | | Batch: 2412104 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/22/24 | 03/27/24 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 90.1 % | 70-130 | 03/22/24 | 03/27/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analy | yst: KM | | Batch: 2413011 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 03/25/24 | 03/26/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/25/24 | 03/26/24 | |
| Surrogate: n-Nonane | | 73.1 % | 50-200 | 03/25/24 | 03/26/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analy | yst: IY | | Batch: 2412111 |
| Chloride | 25.6 | 20.0 | 1 | 03/22/24 | 03/22/24 | |
| | | | | | | |



| Matador Resources, LLC. | Project Name: | Voni West TB | |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 3/28/2024 1:47:57PM |

BH02-0' E403209-04

| | | E403209-04 | | | | |
|--|--------|--------------------|----------|----------|-----------|----------------|
| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
| Analyte | Result | Lillit | Dilution | Frepareu | Allalyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Anal | yst: BA | | Batch: 2412104 |
| Benzene | ND | 0.0250 | 1 | 03/22/24 | 03/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/22/24 | 03/26/24 | |
| Toluene | ND | 0.0250 | 1 | 03/22/24 | 03/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 03/22/24 | 03/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 03/22/24 | 03/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/22/24 | 03/26/24 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 95.1 % | 70-130 | 03/22/24 | 03/26/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Anal | yst: BA | | Batch: 2412104 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/22/24 | 03/26/24 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 91.6% | 70-130 | 03/22/24 | 03/26/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Anal | yst: KM | | Batch: 2413011 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 03/25/24 | 03/26/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/25/24 | 03/26/24 | |
| Surrogate: n-Nonane | | 78.2 % | 50-200 | 03/25/24 | 03/26/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Anal | yst: IY | | Batch: 2412111 |
| Chloride | 1340 | 20.0 | 1 | 03/22/24 | 03/22/24 | |



| Matador Resources, LLC. | Project Name: | Voni West TB | |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 3/28/2024 1:47:57PM |

BH02-0.5' E403209-05

| | | 2.00200 00 | | | | |
|--|--------|--------------------|----------|----------|----------|----------------|
| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analy | yst: BA | | Batch: 2412104 |
| Benzene | ND | 0.0250 | 1 | 03/22/24 | 03/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/22/24 | 03/26/24 | |
| Toluene | ND | 0.0250 | 1 | 03/22/24 | 03/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 03/22/24 | 03/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 03/22/24 | 03/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/22/24 | 03/26/24 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 94.7 % | 70-130 | 03/22/24 | 03/26/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analy | yst: BA | | Batch: 2412104 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/22/24 | 03/26/24 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 91.1 % | 70-130 | 03/22/24 | 03/26/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analy | yst: KM | | Batch: 2413011 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 03/25/24 | 03/26/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/25/24 | 03/26/24 | |
| Surrogate: n-Nonane | | 76.6 % | 50-200 | 03/25/24 | 03/26/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analy | yst: IY | | Batch: 2412111 |
| Chloride | ND | 20.0 | 1 | 03/22/24 | 03/22/24 | |



| Matador Resources, LLC. | Project Name: | Voni West TB | |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 3/28/2024 1:47:57PM |

BH03-0'

| | | E403209-07 | | | | |
|--|--------|------------|----------|------------|----------|----------------|
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | n Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | An | alyst: BA | | Batch: 2412104 |
| Benzene | ND | 0.0250 | 1 | 03/22/24 | 03/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/22/24 | 03/26/24 | |
| Toluene | 0.0334 | 0.0250 | 1 | 03/22/24 | 03/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 03/22/24 | 03/26/24 | |
| p,m-Xylene | 0.132 | 0.0500 | 1 | 03/22/24 | 03/26/24 | |
| Total Xylenes | 0.132 | 0.0250 | 1 | 03/22/24 | 03/26/24 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 97.4 % | 70-130 | 03/22/24 | 03/26/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | An | alyst: BA | | Batch: 2412104 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/22/24 | 03/26/24 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 89.8 % | 70-130 | 03/22/24 | 03/26/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | An | alyst: KM | | Batch: 2413011 |
| Diesel Range Organics (C10-C28) | 4240 | 50.0 | 2 | 03/25/24 | 03/26/24 | |
| Oil Range Organics (C28-C36) | 7000 | 100 | 2 | 03/25/24 | 03/26/24 | |
| Surrogate: n-Nonane | | 74.8 % | 50-200 | 03/25/24 | 03/26/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | An | alyst: IY | | Batch: 2412111 |
| Chloride | 71.5 | 20.0 | 1 | 03/22/24 | 03/22/24 | |



| Matador Resources, LLC. | Project Name: | Voni West TB | |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 3/28/2024 1:47:57PM |

BH03-0.5' E403209-08

| | E405207 00 | | | | |
|--------|--|---|---|---|---|
| Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
| mg/kg | mg/kg | Anal | yst: BA | | Batch: 2412104 |
| ND | 0.0250 | 1 | 03/22/24 | 03/26/24 | |
| ND | 0.0250 | 1 | 03/22/24 | 03/26/24 | |
| ND | 0.0250 | 1 | 03/22/24 | 03/26/24 | |
| ND | 0.0250 | 1 | 03/22/24 | 03/26/24 | |
| ND | 0.0500 | 1 | 03/22/24 | 03/26/24 | |
| ND | 0.0250 | 1 | 03/22/24 | 03/26/24 | |
| | 94.0 % | 70-130 | 03/22/24 | 03/26/24 | |
| mg/kg | mg/kg | Anal | yst: BA | | Batch: 2412104 |
| ND | 20.0 | 1 | 03/22/24 | 03/26/24 | |
| | 90.8 % | 70-130 | 03/22/24 | 03/26/24 | |
| mg/kg | mg/kg | Anal | yst: KM | | Batch: 2413011 |
| ND | 25.0 | 1 | 03/25/24 | 03/27/24 | |
| ND | 50.0 | 1 | 03/25/24 | 03/27/24 | |
| | 81.0 % | 50-200 | 03/25/24 | 03/27/24 | |
| mg/kg | mg/kg | Anal | yst: IY | | Batch: 2412111 |
| 21.4 | 20.0 | 1 | 03/22/24 | 03/22/24 | |
| | 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 MD 0.0250 MD 0.0250 94.0 % mg/kg MD 20.0 90.8 % mg/kg ND 25.0 ND 50.0 81.0 % 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 94.0 % 70-130 mg/kg mg/kg Anal ND 20.0 1 90.8 % 70-130 1 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 81.0 % 50-200 mg/kg Mg/kg Anal | Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 03/22/24 ND 0.0250 1 03/22/24 ND 0.0250 1 03/22/24 ND 0.0250 1 03/22/24 ND 0.0500 1 03/22/24 ND 0.0250 1 03/22/24 mg/kg mg/kg Analyst: BA ND 20.0 1 03/22/24 mg/kg mg/kg Analyst: KM ND 25.0 1 03/22/24 ND 25.0 1 03/25/24 ND 50.0 1 03/25/24 ND 50.0 1 03/25/24 Mg/kg Mg/kg Analyst: KM | Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 03/22/24 03/26/24 ND 0.0250 1 03/22/24 03/26/24 ND 0.0250 1 03/22/24 03/26/24 ND 0.0500 1 03/22/24 03/26/24 ND 0.0250 1 03/22/24 03/26/24 ND 0.0250 1 03/22/24 03/26/24 mg/kg mg/kg Analyst: BA ND 20.0 1 03/22/24 03/26/24 mg/kg mg/kg Analyst: BA ND 20.0 1 03/22/24 03/26/24 mg/kg mg/kg Analyst: KM ND 25.0 1 03/25/24 03/27/24 ND 50.0 1 03/25/24 03/27/24 ND 50.0 1 03/25/24 03/27/24 ND 50.0 < |



| Matador Resources, LLC. | Project Name: | Voni West TB | |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 3/28/2024 1:47:57PM |

SS05-0' E403209-10

| | | 2100207 10 | | | | |
|--|--------|--------------------|----------|----------|----------|----------------|
| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analy | yst: BA | | Batch: 2412104 |
| Benzene | ND | 0.0250 | 1 | 03/22/24 | 03/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/22/24 | 03/26/24 | |
| Toluene | ND | 0.0250 | 1 | 03/22/24 | 03/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 03/22/24 | 03/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 03/22/24 | 03/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/22/24 | 03/26/24 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 92.5 % | 70-130 | 03/22/24 | 03/26/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analy | yst: BA | | Batch: 2412104 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/22/24 | 03/26/24 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 90.2 % | 70-130 | 03/22/24 | 03/26/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analy | yst: KM | | Batch: 2413011 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 03/25/24 | 03/26/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/25/24 | 03/26/24 | |
| Surrogate: n-Nonane | | 69.3 % | 50-200 | 03/25/24 | 03/26/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analy | yst: IY | | Batch: 2412111 |
| Chloride | 121 | 20.0 | 1 | 03/22/24 | 03/22/24 | |



Voni West TB Matador Resources, LLC. Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-C-0001 Dallas TX, 75240 Project Manager: Ashley Giovengo 3/28/2024 1:47:57PM **Volatile Organics by EPA 8021B** Analyst: BA Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2412104-BLK1) Prepared: 03/22/24 Analyzed: 03/26/24 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 7.29 8.00 91.1 70-130 LCS (2412104-BS1) Prepared: 03/22/24 Analyzed: 03/26/24 5.07 101 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.93 0.0250 5.00 98.6 70-130 5.06 0.0250 5.00 101 70-130 Toluene 99.7 o-Xylene 4.99 0.0250 5.00 70-130 10.1 10.0 101 70-130 0.0500 p.m-Xvlene 101 70-130 15.1 15.0 Total Xylenes 0.0250 8.00 93.2 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.46 Matrix Spike (2412104-MS1) Source: E403209-08 Prepared: 03/22/24 Analyzed: 03/26/24 5.04 0.0250 5.00 ND 54-133 Benzene ND 61-133 Ethylbenzene 4.90 0.0250 5.00 98.0 Toluene 5.03 0.0250 5.00 ND 101 61-130 4.95 ND 99.1 63-131 5.00 0.0250 o-Xylene p,m-Xylene 10.0 0.0500 10.0 ND 100 63-131 15.0 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.54 8.00

Source: E403209-08

96.4

98.9

97.7

98.7

98.4

94.8

54-133

61-133

61-130

63-131

63-131

63-131

70-130

1.62

1.61

1 64

1.40

1.62

1.55

ND

ND

ND

ND

ND

ND



Prepared: 03/22/24 Analyzed: 03/26/24

20

20

20

20

20

20

Matrix Spike Dup (2412104-MSD1)

Surrogate: 4-Bromochlorobenzene-PID

Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

4.96

4.82

4 95

4.89

9.87

14.8

7.58

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

5.00

5.00

5.00

5.00

10.0

15.0

8.00

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Matador Resources, LLC.Project Name:Voni West TBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-C-0001Dallas TX, 75240Project Manager:Ashley Giovengo3/28/20241:47:57PM

| Dallas TX, 75240 | | Project Manage | r: As | shley Gioveng | go | | | 3/2 | 28/2024 1:47:57PM | |
|---|-----------------|-----------------------------|-------------------------|---------------------------|----------|---------------|---------------------------------------|-------------------|-------------------|--|
| | Non | halogenated | Organics | by EPA 80 | 15D - G | RO | | | Analyst: BA | |
| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits | RPD % | RPD Limit % | Notes | |
| | | | | | | | | | | |
| Blank (2412104-BLK1) | | | | | | | Prepared: 0 | 3/22/24 Anal | lyzed: 03/26/24 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.30 | | 8.00 | | 91.3 | 70-130 | | | | |
| LCS (2412104-BS2) | | | | | | | Prepared: 0 | 3/22/24 Anal | lyzed: 03/26/24 | |
| Gasoline Range Organics (C6-C10) | 50.1 | 20.0 | 50.0 | | 100 | 70-130 | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.46 | | 8.00 | | 93.3 | 70-130 | | | | |
| Matrix Spike (2412104-MS2) | | | | Source: | E403209- | 08 | Prepared: 03/22/24 Analyzed: 03/26/24 | | | |
| Gasoline Range Organics (C6-C10) | 48.9 | 20.0 | 50.0 | ND | 97.7 | 70-130 | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.32 | | 8.00 | | 91.6 | 70-130 | | | | |
| Matrix Spike Dup (2412104-MSD2) | | | | Source: | E403209- | 08 | Prepared: 0 | 3/22/24 Anal | lyzed: 03/26/24 | |
| Gasoline Range Organics (C6-C10) | 48.8 | 20.0 | 50.0 | ND | 97.5 | 70-130 | 0.248 | 20 | | |

8.00

7.34

91.8

70-130



Matador Resources, LLC.Project Name:Voni West TBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-C-0001Dallas TX, 75240Project Manager:Ashley Giovengo3/28/20241:47:57PM

| Danas 1A, 73240 | | 1 Toject Ivianage | 1. 710 | micy Gloveng | 50 | | | | 20/2021 111/10/11 |
|---------------------------------|--------|--------------------|----------------|------------------|----------|---------------|-------------|--------------|-------------------|
| | 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 (2413011-BLK1) | | | | | | | Prepared: 0 | 3/25/24 Ana | lyzed: 03/26/24 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 40.3 | | 50.0 | | 80.5 | 50-200 | | | |
| LCS (2413011-BS1) | | | | | | | Prepared: 0 | 3/25/24 Ana | lyzed: 03/26/24 |
| Diesel Range Organics (C10-C28) | 257 | 25.0 | 250 | | 103 | 38-132 | | | |
| Surrogate: n-Nonane | 39.3 | | 50.0 | | 78.7 | 50-200 | | | |
| Matrix Spike (2413011-MS1) | | | | Source: | E403209- | 04 | Prepared: 0 | 3/25/24 Ana | lyzed: 03/26/24 |
| Diesel Range Organics (C10-C28) | 256 | 25.0 | 250 | ND | 102 | 38-132 | | | |
| Surrogate: n-Nonane | 38.9 | | 50.0 | | 77.8 | 50-200 | | | |
| Matrix Spike Dup (2413011-MSD1) | | | | Source: | E403209- | 04 | Prepared: 0 | 3/25/24 Ana | lyzed: 03/26/24 |
| Diesel Range Organics (C10-C28) | 251 | 25.0 | 250 | ND | 100 | 38-132 | 1.70 | 20 | |
| Surrogate: n-Nonane | 41.6 | | 50.0 | | 83.2 | 50-200 | | | |

Matrix Spike Dup (2412111-MSD1)

Chloride

QC Summary Data

| Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240 | | Project Name: Project Number: Project Manager | 23 | oni West TB 3003-C-0001 shley Gioveng | go | | | 3. | Reported: /28/2024 1:47:57PM | | |
|---|--------|---|-------------------------|---|----------|---------------|-------------|--------------|-------------------------------------|--|--|
| | | Anions | by EPA 3 | 300.0/9056 <i>A</i> | \ | | Analyst | | | | |
| Analyte | Result | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec | Rec Limits | RPD | RPD Limit | Notes | | |
| Blank (2412111-BLK1) | | | | | | | Prepared: 0 | 3/22/24 Ana | alyzed: 03/22/24 | | |
| Chloride | ND | 20.0 | | | | | | | | | |
| LCS (2412111-BS1) | | | | | | | Prepared: 0 | 3/22/24 Ana | alyzed: 03/22/24 | | |
| Chloride | 250 | 20.0 | 250 | | 100 | 90-110 | | | | | |
| Matrix Spike (2412111-MS1) | | | | Source: | E403209- | 09 | Prepared: 0 | 3/22/24 Ana | alyzed: 03/22/24 | | |
| Chloride | 303 | 20.0 | 250 | 42.4 | 104 | 80-120 | | | | | |

250

20.0

Source: E403209-09

102

80-120

1.72

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: 03/22/24 Analyzed: 03/22/24

20

Definitions and Notes

| ſ | Matador Resources, LLC. | Project Name: | Voni West TB | |
|---|------------------------------|------------------|-----------------|----------------|
| ١ | 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| ١ | Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 03/28/24 13:47 |

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

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.



| ogra | m | | <i>d b</i> 1 |
|------|-----|-----------|--------------|
| _ | | | |
| RC | RA | | 7:5/ |
| _ | | | 39/2 |
| TX | | | 024 |
| | | | 2.07.07 |
| | SD' | SDWA RCRA | RCRA |

| Client: I | Matador Pro | duction C | Company | | | Bill To | | | | La | b Us | e Or | ly | | | | TA | AT | EPA P | rogram |
|-------------------------------|------------------------|------------------------|----------------------|---|---------|---|-----------------|--------|----------------------------|--------------|--------------|-------------|----------------|----------|-----------|--------|-------------|---|--------------------------------------|------------------|
| Project: | Voni West | ТВ | | | | Attention: Ensolum LLC | | Lab | WO# | | | Job | Num | ber | 10 | 2D | 3D | Standard | CWA | SDWA |
| Project I | Manager: As | shley Giov | vengo | | | Address: on file | | E | 400 | 120 | PC | 23 | SOC | C-C | | | | X | | 1 |
| Address | : 3122 Natio | nal Parks | Hwy | | | City, State, Zip: | | | - | , | | | | nd Me | | | | | 1 | RCRA |
| City, Sta | te, Zip: Carls | sbad NM, | 88220 | | | Phone: 575-988-0055 | | | ρλ | | | | | | | | | | | |
| Phone: | 575-988-005 | 55 | | | | Email: agiovengo@ensolum.com | | | ORO | | | | | | | | | | State | |
| Email: a | | | | 3/01 | п | | | 0, | | Σ | 3 | | NM C | O UT AZ | TX | | | | | |
| Report o | due by: | | | | | | | | J/DF | 802 | 8260 | 2010 | 300 | I | - | - 1 | × | × | | |
| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | nple ID | | | | TPH GRO/DRO/ORO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | тсед трн | BGDOC | | GDOC | | Remark | 5 |
| 10:16 | 3/20/2024 | S | 1 | | | BH01 - 0' | 1 | | | | | | | | Х | | | | | |
| 11:19 | 3/20/2024 | S | 1 | | | BH01 - 1' | 2 | | | | | | | | Х | | | | | |
| 11:22 | 3/20/2024 | S | 1 | | | BH01 - 2' | 3 | | | | | | | | Х | | | Only test if | BH01 - 1' does not 600 Chloride | pass 100 TPH and |
| 10:22 | 3/20/2024 | S | 1 | | | BH02 - 0' | 4 | | | | | | | | Х | | | | | |
| 10:26 | 3/20/2024 | S | 1 | | | BH02 - 0.5' | 5 | | | | | | | | Х | | | | | |
| 11:16 | 3/20/2024 | S | 1 | | | BH02 - 1' | 6 | | | | | | | | Х | | | Only test if | ot pass 100 TPH de | |
| 10:29 | 3/20/2024 | S | 1 | | | BH03 - 0' | 7 | | | | | | | | Х | | | | | |
| 10:35 | 3/20/2024 | S | 1 | | | BH03 - 0.5' | 8 | | | | | | | | х | | | | | |
| 11:12 | 3/20/2024 | S | 1 | | | BH03 - 1' | 9 | | | | | | | | Х | (| | Only test if | BH03 - 0.5' does r and 600 Chlori | |
| 11:57 | 3/20/2024 | S | 1 | | | SS05 - 0' | 10 | | HJ | | | | | | х | | | | | |
| Addition | nal Instructio | ns: Plea | ase CC: ck | ourton@enso | lum.c | om, agiovengo@ensolum.com, c | hamilton@e | enso | lum.c | om, i | estr | ella@ | ens | olum. | com | | | | | |
| A | | | | ty of this sample. I y be grounds for le | | are that tampering with or intentionally misla on. <u>Sampled by: Chad Hamilto</u> | A CONTRACTOR | le loc | ation, | | | | | | | | | ceived on ice the d less than 6 °C on su | | pled or |
| | ed-by: (Signatu | | | 71124 Time | | Received by: (Signature) | Pate 3-21- | 24 | Time | 8/0 |) | Rece | eived | on ic | | Lab U | lse On V | lly | | |
| Mild | ed by: (Signatu | ext | | | 400 | | 3.21 | .24 | Time / | 300 |) | T1 | | | <u>T2</u> | | | T3 | | |
| | ed by: (Signatu | | Date | 21.24 Z | UC | Received by: (Signature) | 3-22- | 24 | 07 | 0 | | AVG | Tem | np °C_ | 4 | - | | | | |
| Sample Ma | trix: S - Soil, Sd - S | Solid, Sg - Slu | dge, A - Aqu | eous, O - Other | | 11 | Containe | r Typ | e: g - g | glass, | p - p | oly/p | lastic | , ag - a | mber g | glass, | v - VOA | A | | |
| The state of the state of the | | | | | | other arrangements are made. Hazardon | ıs samples will | be re | eturned | to cli | ent o | r disp | osed | of at th | e client | expen | | | e analysis of | the above |



or disposed of at the client expense. The report for the analysis of the above on the report.

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Printed: 3/25/2024 12:48:04PM

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.

| | | | | | <u> </u> | | |
|-------------|--|-------------------|----------|-------------------|---------------------|-------|----------------|
| Client: | Matador Resources, LLC. | Date Received: | 03/22/24 | 07:00 | Work Orde | r ID: | E403209 |
| Phone: | (972) 371-5200 | Date Logged In: | 03/21/24 | 16:43 | Logged In | By: | Alexa Michaels |
| Email: | agiovngo@ensolum.com | Due Date: | 03/28/24 | 17:00 (4 day TAT) | | · | |
| | | | | | | | |
| Chain of | Custody (COC) | | | | | | |
| | e sample ID match the COC? | | Yes | | | | |
| | e number of samples per sampling site location ma | tch the COC | Yes | | | | |
| | amples dropped off by client or carrier? | | Yes | Carrier: C | <u>Courier</u> | | |
| | e COC complete, i.e., signatures, dates/times, reques | sted analyses? | Yes | | | | |
| 5. Were al | Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi | | Yes | | Con | nmen | uts/Resolution |
| Sample T | urn Around Time (TAT) | | | | | | |
| 6. Did the | COC indicate standard TAT, or Expedited TAT? | | Yes | | See remarks on CC | C fi | rom client on |
| Sample C | <u>Cooler</u> | | | | samples -03, -06, a | nd - | 09. |
| 7. Was a s | sample cooler received? | | Yes | | | | |
| 8. If yes, | was cooler received in good condition? | | Yes | | | | |
| 9. Was the | e sample(s) received intact, i.e., not broken? | | Yes | | | | |
| 10. Were | custody/security seals present? | | No | | | | |
| 11. If yes, | were custody/security seals intact? | | NA | | | | |
| | 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 | | | | |
| Sample C | | | _ | | | | |
| | queous VOC samples present? | | No | | | | |
| | OC samples collected in VOA Vials? | | NA | | | | |
| | head space less than 6-8 mm (pea sized or less)? | | NA | | | | |
| | trip blank (TB) included for VOC analyses? | | NA | | | | |
| | on-VOC samples collected in the correct containers | ? | Yes | | | | |
| | appropriate volume/weight or number of sample contain | | Yes | | | | |
| Field Lab | <u>oel</u> | | | | | | |
| 20. Were | field sample labels filled out with the minimum info | ormation: | | | | | |
| | ample ID? | | Yes | | | | |
| | ate/Time Collected? ollectors name? | | Yes | L | | | |
| | reservation | | Yes | | | | |
| | the COC or field labels indicate the samples were processed in the control of the | reserved? | No | | | | |
| | imple(s) correctly preserved? | reserved. | NA | | | | |
| | filteration required and/or requested for dissolved n | netals? | No | | | | |
| | se Sample Matrix | | 110 | | | | |
| _ | the sample have more than one phase, i.e., multipha | se? | No | | | | |
| | does the COC specify which phase(s) is to be analy | | NA | | | | |
| | | , 254. | 1421 | | | | |
| | act Laboratory imples required to get sent to a subcontract laborato | m19 | No | | | | |
| | subcontract laboratory specified by the client and is | • | NA | Subcontract Lab | ·NA | | |
| | • • • | i so who. | 1111 | Subcontract Lab | . IVA | | |
| Chent in | <u>struction</u> | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| _ | | | | | | | 0 |

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: Voni West TB

Work Order: E404141

Job Number: 23003-C-0001

Received: 4/17/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/22/24

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: 4/22/24

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

Project Name: Voni West TB

Workorder: E404141

Date Received: 4/17/2024 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/17/2024 8:00:00AM, under the Project Name: Voni West TB.

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

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

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

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

Respectfully,

Walter Hinchman

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

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Raina Schwanz

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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

| Matador Resources, LLC. | Project Name: | Voni West TB | Reported: |
|------------------------------|------------------|-----------------|----------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reporteu: |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 04/22/24 13:32 |

| Client Sample ID | Lab Sample ID Matrix | Sampled | Received | Container |
|------------------|----------------------|----------|----------|------------------|
| FS01 - 0' | E404141-01A Soil | 04/15/24 | 04/17/24 | Glass Jar, 2 oz. |
| FS02 - 0' | E404141-02A Soil | 04/15/24 | 04/17/24 | Glass Jar, 2 oz. |
| FS03 - 0' | E404141-03A Soil | 04/15/24 | 04/17/24 | Glass Jar, 2 oz. |
| FS04 - 0' | F404141-04A Soil | 04/15/24 | 04/17/24 | Glass Jar, 2 oz. |



| Matador Resources, LLC. | Project Name: | Voni West TB | |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 4/22/2024 1:32:06PM |

FS01 - 0' E404141-01

| | | Reporting | | | | | |
|--|--------|-----------|--------|---------|----------|----------|----------------|
| Analyte | Result | Limit | Dil | ution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst | : RKS | | Batch: 2416059 |
| Benzene | ND | 0.0250 | | 1 | 04/17/24 | 04/17/24 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 04/17/24 | 04/17/24 | |
| Toluene | ND | 0.0250 | | 1 | 04/17/24 | 04/17/24 | |
| o-Xylene | ND | 0.0250 | | 1 | 04/17/24 | 04/17/24 | |
| p,m-Xylene | ND | 0.0500 | | 1 | 04/17/24 | 04/17/24 | |
| Total Xylenes | ND | 0.0250 | | 1 | 04/17/24 | 04/17/24 | |
| Surrogate: Bromofluorobenzene | | 103 % | 70-130 | | 04/17/24 | 04/17/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 100 % | 70-130 | | 04/17/24 | 04/17/24 | |
| Surrogate: Toluene-d8 | | 98.6 % | 70-130 | | 04/17/24 | 04/17/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst | : RKS | | Batch: 2416059 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 04/17/24 | 04/17/24 | |
| Surrogate: Bromofluorobenzene | | 103 % | 70-130 | | 04/17/24 | 04/17/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 100 % | 70-130 | | 04/17/24 | 04/17/24 | |
| Surrogate: Toluene-d8 | | 98.6 % | 70-130 | | 04/17/24 | 04/17/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst | : NV | | Batch: 2416088 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 04/18/24 | 04/18/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | 1 | 04/18/24 | 04/18/24 | |
| Surrogate: n-Nonane | | 120 % | 50-200 | | 04/18/24 | 04/18/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst | : DT | | Batch: 2416083 |
| Chloride | ND | 20.0 | | 1 | 04/17/24 | 04/19/24 | |
| | | | | | | | |



| Matador Resources, LLC. | Project Name: | Voni West TB | |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 4/22/2024 1:32:06PM |

FS02 - 0' E404141-02

| | _ | Reporting | | | | |
|--|--------|-----------|--------|--------------|----------|----------------|
| Analyte | Result | Limit | Dilut | ion Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | Α | Analyst: RKS | | Batch: 2416059 |
| Benzene | ND | 0.0250 | 1 | 04/17/24 | 04/17/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/17/24 | 04/17/24 | |
| Toluene | ND | 0.0250 | 1 | 04/17/24 | 04/17/24 | |
| o-Xylene | ND | 0.0250 | 1 | 04/17/24 | 04/17/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/17/24 | 04/17/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/17/24 | 04/17/24 | |
| Surrogate: Bromofluorobenzene | | 101 % | 70-130 | 04/17/24 | 04/17/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 99.2 % | 70-130 | 04/17/24 | 04/17/24 | |
| Surrogate: Toluene-d8 | | 98.2 % | 70-130 | 04/17/24 | 04/17/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Α | Analyst: RKS | | Batch: 2416059 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/17/24 | 04/17/24 | |
| Surrogate: Bromofluorobenzene | | 101 % | 70-130 | 04/17/24 | 04/17/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 99.2 % | 70-130 | 04/17/24 | 04/17/24 | |
| Surrogate: Toluene-d8 | | 98.2 % | 70-130 | 04/17/24 | 04/17/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Α | Analyst: NV | | Batch: 2416088 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/18/24 | 04/18/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/18/24 | 04/18/24 | |
| Surrogate: n-Nonane | | 122 % | 50-200 | 04/18/24 | 04/18/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Α | Analyst: DT | | Batch: 2416083 |
| Chloride | ND | 20.0 | 1 | 04/17/24 | 04/19/24 | |
| | | | | | | |



| Matador Resources, LLC. | Project Name: | Voni West TB | |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 4/22/2024 1:32:06PM |

FS03 - 0' E404141-03

| | | E404141-03 | | | | | |
|--|--------|--------------------|--------|----------|----------|------------|----------------|
| Analyte | Result | Reporting Limit | Dilu | ıtion | Prepared | Analyzed | Notes |
| • | | | | Analyst: | • | 7 mary zea | |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Anaryst: | | 2.44=12.4 | Batch: 2416059 |
| Benzene | ND | 0.0250 |] | l | 04/17/24 | 04/17/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | • | 04/17/24 | 04/17/24 | |
| Toluene | ND | 0.0250 | 1 | 1 | 04/17/24 | 04/17/24 | |
| o-Xylene | ND | 0.0250 | 1 | 1 | 04/17/24 | 04/17/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 1 | 04/17/24 | 04/17/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 1 | 04/17/24 | 04/17/24 | |
| Surrogate: Bromofluorobenzene | | 101 % | 70-130 | | 04/17/24 | 04/17/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 101 % | 70-130 | | 04/17/24 | 04/17/24 | |
| Surrogate: Toluene-d8 | | 99.3 % | 70-130 | | 04/17/24 | 04/17/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: | RKS | | Batch: 2416059 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 1 | 04/17/24 | 04/17/24 | |
| Surrogate: Bromofluorobenzene | | 101 % | 70-130 | | 04/17/24 | 04/17/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 101 % | 70-130 | | 04/17/24 | 04/17/24 | |
| Surrogate: Toluene-d8 | | 99.3 % | 70-130 | | 04/17/24 | 04/17/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | NV | | Batch: 2416088 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 1 | 04/18/24 | 04/18/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 1 | 04/18/24 | 04/18/24 | |
| Surrogate: n-Nonane | | 119 % | 50-200 | | 04/18/24 | 04/18/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | DT | | Batch: 2416083 |
| Chloride | ND | 20.0 | 1 | 1 | 04/17/24 | 04/19/24 | |
| | | | | | | | |

Matador Resources, LLC.Project Name:Voni West TB5400 LBJ Freeway, Suite 1500Project Number:23003-C-0001Reported:Dallas TX, 75240Project Manager:Ashley Giovengo4/22/20241:32:06PM

FS04 - 0' E404141-04

| | | 2.0.111 01 | | | | |
|--|--------|--------------------|--------|--------------|----------|----------------|
| Analyte | Result | Reporting Limit | Diluti | ion Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | A | nalyst: RKS | | Batch: 2416059 |
| Benzene | ND | 0.0250 | 1 | 04/17/24 | 04/17/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/17/24 | 04/17/24 | |
| Toluene | ND | 0.0250 | 1 | 04/17/24 | 04/17/24 | |
| o-Xylene | ND | 0.0250 | 1 | 04/17/24 | 04/17/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/17/24 | 04/17/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/17/24 | 04/17/24 | |
| Surrogate: Bromofluorobenzene | | 98.2 % | 70-130 | 04/17/24 | 04/17/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 97.5 % | 70-130 | 04/17/24 | 04/17/24 | |
| Surrogate: Toluene-d8 | | 97.3 % | 70-130 | 04/17/24 | 04/17/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | A | analyst: RKS | | Batch: 2416059 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/17/24 | 04/17/24 | |
| Surrogate: Bromofluorobenzene | | 98.2 % | 70-130 | 04/17/24 | 04/17/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 97.5 % | 70-130 | 04/17/24 | 04/17/24 | |
| Surrogate: Toluene-d8 | | 97.3 % | 70-130 | 04/17/24 | 04/17/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | A | analyst: NV | | Batch: 2416088 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/18/24 | 04/18/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/18/24 | 04/18/24 | |
| Surrogate: n-Nonane | · | 125 % | 50-200 | 04/18/24 | 04/18/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | A | analyst: DT | | Batch: 2416083 |
| Chloride | 40.2 | 20.0 | 1 | 04/17/24 | 04/19/24 | |
| | | | | | | |

Matador Resources, LLC.Project Name:Voni West TBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-C-0001Dallas TX, 75240Project Manager:Ashley Giovengo4/22/20241:32:06PM

| Dallas TX, 75240 | | Project Manager | r: As | shley Gioveng | go | | | 4/22 | 2/2024 1:32:06PN |
|----------------------------------|--------|--------------------|----------------|------------------|----------|---------------|--------------|---------------|--------------------------|
| | V | olatile Organi | ic Compo | unds by EI | PA 82601 | В | | Α | analyst: RKS |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2416059-BLK1) | | | | | | | Prepared: 0 | 4/16/24 Analy | zed: 04/17/24 |
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| Surrogate: Bromofluorobenzene | 0.512 | | 0.500 | | 102 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.500 | | 0.500 | | 99.9 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.500 | | 0.500 | | 99.9 | 70-130 | | | |
| LCS (2416059-BS1) | | | | | | | Prepared: 0 | 4/16/24 Analy | zed: 04/17/24 |
| Benzene | 2.75 | 0.0250 | 2.50 | | 110 | 70-130 | 1 | , | · · · · · - · |
| Ethylbenzene | 2.62 | 0.0250 | 2.50 | | 105 | 70-130 | | | |
| Toluene | 2.54 | 0.0250 | 2.50 | | 102 | 70-130 | | | |
| o-Xylene | 2.60 | 0.0250 | 2.50 | | 104 | 70-130 | | | |
| p,m-Xylene | 5.08 | 0.0500 | 5.00 | | 102 | 70-130 | | | |
| Total Xylenes | 7.67 | 0.0250 | 7.50 | | 102 | 70-130 | | | |
| Surrogate: Bromofluorobenzene | 0.499 | | 0.500 | | 99.8 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.493 | | 0.500 | | 98.5 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.497 | | 0.500 | | 99.4 | 70-130 | | | |
| Matrix Spike (2416059-MS1) | | | | Source: | E404135- | 02 | Prepared: 0- | 4/16/24 Analy | zed: 04/17/24 |
| Benzene | 2.72 | 0.0250 | 2.50 | ND | 109 | 48-131 | 1 | | |
| Ethylbenzene | 2.59 | 0.0250 | 2.50 | ND | 103 | 45-135 | | | |
| Toluene | 2.51 | 0.0250 | 2.50 | ND | 100 | 48-130 | | | |
| p-Xylene | 2.63 | 0.0250 | 2.50 | ND | 105 | 43-135 | | | |
| p,m-Xylene | 5.11 | 0.0500 | 5.00 | ND | 102 | 43-135 | | | |
| Fotal Xylenes | 7.74 | 0.0250 | 7.50 | ND | 103 | 43-135 | | | |
| Surrogate: Bromofluorobenzene | 0.506 | | 0.500 | | 101 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.509 | | 0.500 | | 102 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.497 | | 0.500 | | 99.4 | 70-130 | | | |
| Matrix Spike Dup (2416059-MSD1) | | | | Source: | E404135- | 02 | Prepared: 0- | 4/16/24 Analy | zed: 04/17/24 |
| Benzene | 2.80 | 0.0250 | 2.50 | ND | 112 | 48-131 | 2.90 | 23 | |
| Ethylbenzene | 2.69 | 0.0250 | 2.50 | ND | 107 | 45-135 | 3.83 | 27 | |
| Toluene | 2.60 | 0.0250 | 2.50 | ND | 104 | 48-130 | 3.60 | 24 | |
| o-Xylene | 2.75 | 0.0250 | 2.50 | ND | 110 | 43-135 | 4.53 | 27 | |
| p,m-Xylene | 5.37 | 0.0500 | 5.00 | ND | 107 | 43-135 | 5.03 | 27 | |
| Total Xylenes | 8.13 | 0.0250 | 7.50 | ND | 108 | 43-135 | 4.86 | 27 | |
| Surrogate: Bromofluorobenzene | 0.508 | | 0.500 | | 102 | 70-130 | | | |
| | | | | | | | | | |

0.500

0.500

97.9

99.4

70-130

70-130

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

0.490

0.497

Matador Resources, LLC.Project Name:Voni West TBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-C-0001Dallas TX, 75240Project Manager:Ashley Giovengo4/22/20241:32:06PM

| | A | Analyst: RKS | | | | | | | |
|--|----------|--------------------|----------------|------------------|-------------|---------------|-------------|---------------|----------------|
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| | | | | | | | | | |
| Blank (2416059-BLK1) | | | | | | P | repared: 04 | 4/16/24 Analy | yzed: 04/17/24 |
| | ND | 20.0 | | | | P | repared: 04 | 1/16/24 Analy | yzed: 04/17/24 |
| Gasoline Range Organics (C6-C10) | ND 0.512 | 20.0 | 0.500 | | 102 | 70-130 | repared: 04 | 4/16/24 Analy | yzed: 04/17/24 |
| Blank (2416059-BLK1) Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 | | 20.0 | 0.500 0.500 | | 102 99.9 | | repared: 04 | 4/16/24 Analy | yzed: 04/17/24 |

| LCS (2416059-BS2) | | | | Prepared: 04/16/24 Analyzed: 04/17/24 | | |
|----------------------------------|-------|------|-------|---------------------------------------|-------------|--|
| Gasoline Range Organics (C6-C10) | 58.4 | 20.0 | 50.0 | 117 70-130 | 117 70-130 | |
| Surrogate: Bromofluorobenzene | 0.519 | | 0.500 | 104 70-130 | 104 70-130 | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.494 | | 0.500 | 98.8 70-130 | 98.8 70-130 | |
| Surrogate: Toluene-d8 | 0.503 | | 0.500 | 101 70-130 | 101 70-130 | |
| | | | | | | |

| Matrix Spike (2416059-MS2) | | | | Source: | E404135-0 | 02 | Prepared: 04/16/24 Analyzed: 04/17/24 |
|-----------------------------------|-------|------|-------|---------|-----------|--------|---------------------------------------|
| Gasoline Range Organics (C6-C10) | 57.3 | 20.0 | 50.0 | ND | 115 | 70-130 | |
| Surrogate: Bromofluorobenzene | 0.516 | | 0.500 | | 103 | 70-130 | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.484 | | 0.500 | | 96.8 | 70-130 | |
| Surrogate: Toluene-d8 | 0.501 | | 0.500 | | 100 | 70-130 | |
| | | | | | | | |

| Matrix Spike Dup (2416059-MSD2) | | | | | Source: E404135-02 | | | Prepared: 04/16/24 Analyzed: 04/17/24 | | |
|----------------------------------|-------|------|-------|----|--------------------|--------|------|---------------------------------------|--|--|
| Gasoline Range Organics (C6-C10) | 55.7 | 20.0 | 50.0 | ND | 111 | 70-130 | 2.79 | 20 | | |
| Surrogate: Bromofluorobenzene | 0.512 | | 0.500 | | 102 | 70-130 | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.484 | | 0.500 | | 96.8 | 70-130 | | | | |
| Surrogate: Toluene-d8 | 0.500 | | 0.500 | | 100 | 70-130 | | | | |

QC Summary Data

Matador Resources, LLC.Project Name:Voni West TBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-C-0001Dallas TX, 75240Project Manager:Ashley Giovengo4/22/20241:32:06PM

| Bullus 171, 732 10 | | Troject Manage | | mey Groveng | ,,, | | | | |
|---------------------------------|--------|--------------------|----------------|------------------|-----------|---------------|--------------|---------------|---------------|
| | Nonha | logenated Or | ganics by | EPA 8015I |) - DRO | /ORO | | A | 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 (2416088-BLK1) | | | | | | | Prepared: 0- | 4/18/24 Analy | zed: 04/18/24 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 63.4 | | 50.0 | | 127 | 50-200 | | | |
| LCS (2416088-BS1) | | | | | | | Prepared: 0- | 4/18/24 Analy | zed: 04/19/24 |
| Diesel Range Organics (C10-C28) | 312 | 25.0 | 250 | | 125 | 38-132 | | | |
| Surrogate: n-Nonane | 59.4 | | 50.0 | | 119 | 50-200 | | | |
| Matrix Spike (2416088-MS1) | | | | Source: | E404146-0 | 01 | Prepared: 0 | 4/18/24 Analy | zed: 04/18/24 |
| Diesel Range Organics (C10-C28) | 21700 | 500 | 250 | 22100 | NR | 38-132 | | | M4 |
| Surrogate: n-Nonane | 62.6 | | 50.0 | | 125 | 50-200 | | | |
| Matrix Spike Dup (2416088-MSD1) | | | | Source: | E404146- | 01 | Prepared: 0 | 4/18/24 Analy | zed: 04/18/24 |
| Diesel Range Organics (C10-C28) | 24200 | 500 | 250 | 22100 | 839 | 38-132 | 10.6 | 20 | M4 |
| Surrogate: n-Nonane | 62.1 | | 50.0 | | 124 | 50-200 | | | |



Analyte

QC Summary Data

| Matador Resources, LLC. | Project Name: | Voni West TB | Reported: |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 4/22/2024 1:32:06PM |

| | Anion | s by EPA 3 | 300.0/9056 <i>A</i> | L | | | | Analyst: DT |
|------|--------------------|----------------|---------------------|----------|---------------|-----|--------------|-------------|
| Resu | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |

| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
|---------------------------------|-------|-------|-------|---------|-----------|--------|--------------|-------------|------------------|
| Blank (2416083-BLK1) | | | | | | | Prepared: 04 | 4/17/24 Ana | ilyzed: 04/18/24 |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2416083-BS1) | | | | | | | Prepared: 04 | 4/17/24 Ana | lyzed: 04/18/24 |
| Chloride | 252 | 20.0 | 250 | | 101 | 90-110 | | | |
| Matrix Spike (2416083-MS1) | | | | Source: | E404121-0 | 3 | Prepared: 04 | 4/17/24 Ana | llyzed: 04/18/24 |
| Chloride | 10000 | 200 | 250 | 10200 | NR | 80-120 | | | M4 |
| Matrix Spike Dup (2416083-MSD1) | | | | Source: | E404121-0 | 3 | Prepared: 04 | 4/17/24 Ana | llyzed: 04/18/24 |
| Chloride | 10500 | 200 | 250 | 10200 | 119 | 80-120 | 4.92 | 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

| I | Matador Resources, LLC. | Project Name: | Voni West TB | |
|---|------------------------------|------------------|-----------------|----------------|
| I | 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| l | Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 04/22/24 13:32 |

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

associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



| 200 | Client: | Matador Pro | duction (| Company | | | Bill To | | _ | | | ah II | se Or | alse | | | | | | | | | |
|---------|---|------------------------------------|------------------------|----------------------------|---|----------|---|----------------|----------|----------------------------|--------------|-------------|---------------------|-------------------|----------|----------|-------------------|---------|----------------------|----------|-----------------|-------------------------------|------------|
| 2 | | Voni We | | | |] | Attention: Ensolum LLC | • | Lak | 14/04 | | | | | hor | | 10 | 120 | | AT | | EPA Pr | |
| 5 | Project | Manager: A | shley Gio | vengo | | 1 | Address: on file | | F | WO# | ind | 1 | 721 | V12. | e-0 | mı | 10 | 2D | 3D | St | andard | CWA | SDWA |
| | | : 3122 Natio | | | |] | City, State, Zip: | | ╄ | 7// | 174 | | Anal | rsis a | nd Me | * | ļ | L | <u> </u> | Ц, | Х | ļ | 2004 |
| 701 | | te, Zip: Carl | | 88220 | | | Phone: 575-988-0055 | | \vdash | <u> </u> | Γ | Γ | | /313 a | I IVIE | LINOO | | | | | | | RCRA |
| 2 | | <u>575-988-00</u> | | | - | 1 1 | Email: agiovengo@ensolum.com | | 1 | 80 | | | | | | ł | | | | | | | |
| , | | giovengo@e | <u>ensolum.c</u> | com | |]] | | | 1 | 000 | | İ | | | | | _ | | | | NIA AL CO | State UT AZ | |
| 11 | Report o | lue by: | | · | | | | | l | /OR | 3021 | 8 | 용 | 8 8 | _ | J | Ž | | | | | UI AZ | |
| 1000/ | Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | | | Lab Number | 1 | TPH GRO/DRO/ORO by 8015 | ВТЕХ by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | тсео трн | | BGDOC | | gboc | | ×I | Remarks | |
| 1.21 | 14:18 | 4/15/2024 | S | 1 | | | FS01 - 0' | | | F 80 | | >_ | 2 | J | | \dashv | X | | ŋ | | | | |
| 4 77. | 14:21 | 4/15/2024 | S | 1 | | | FS02 - 0' | 2 | | | | | | | | \dashv | X | | | | | | |
| X . | | 4/15/2024 | S | 1 | | | FS03 - 0' | 3 | - | | | | | | | _ | X | | | \dashv | | | |
| | 14:27 | 4/15/2024 | S | 1 | | | FS04 - 0' | 4 | | | | | | | | \dashv | X | | | _ | | | |
| | | | | | | | | | | | | | | | - | + | | | | - | | | |
| | | | | | | | | | | | \dashv | | | | \dashv | \dashv | | | | | | | |
| | | | | | | | | | | \vdash | \dashv | | | _ | \dashv | 4 | | | _ | | | | |
| r | | | | | | | | | | | - | - | 4 | | _ | _ | _ | _ | | _ | | | |
| F | | | | | | | | A (14 + | | | _ | | | | | 4 | | | | | | | |
| F | | | | | | | | | | | | | | | | | | | | | | | |
| L | dditions | I Imaa | | | | | | | | | ľ | | | | | | | | | | | | |
| | | | | | | | m, agiovengo@ensolum.com, cha | | | | m, ie | estre | lla@ | ensc | olum. | com | | | | | | | |
| _ | | or conection is co | iisiuerea irai | authenticity ud and may | of this sample. I a be grounds for leg | m awar | e that tampering with or intentionally mislabel . <u>Sampled by:</u> Chad Hamilton | ing the sample | locat | tion, | | 9 | amples eceived | requiri packed | ng therr | nal pres | servati g temp | on mus | t be rec O but le | eived o | n ice the day t | hey are sample quent days. | d or |
| | شنز مدرس <u>ت</u> نق یس سسدست | by: (Signature | | Date L, / , (| Time | 15 | Received by: (Signature) | Date 4462 | | Time | 15 | \exists | | | on ice | | La | | e Onl | | - | • | |
| | Mich | by: (Signature | neales | | 4-24 Time | ,20 | Received by: (Signature) | Date 4.16.7 | | Time / Q | | | чесе: Г 1 | veu | OII ICE | | | / 14 | | | | | |
| C | Vade | by: (Signature | CASO | | 5.24 Z4 | 00 | Received by: (Signature) | Date 4/12/2 | | Time | | | | | - 00 | ψ | <u>2</u> | | | | r3 | | |
| Sai | nple Matrix | : S - Soil, Sd - Sol | id, S g - Sludg | e, A - Aqueo | ous. O - Other | | | Container | Type | | <u> </u> | | NG T | | | | | | VO A | | *** | | |
| NO : | te: Sample | es are discarde | d 30 days a | fter results | are reported un | less oth | er arrangements are made. Hazardous s | | | | | | | | | riibei | t ev | 55, V - | The | reno | rt for the a | nalusis of th | a a la OVA |
| a I | ubies is ab | plicable only to | tnose sam | ples receiv | ed by the labora | tory wi | th this COC. The liability of the laboratory | is limited to | the a | mount | paid | for or | the r | eport | | - chei | ır evi | ,:113C | | ·epoi | it ioi tile af | iaiysis Of the | 2 de - 010 |



Envirotech Analytical Laboratory

Printed: 4/17/2024 10:21:55AM

| Client: Phone: (Email: 4) Chain of C 1. Does the 2. Does the 3. Were san 4. Was the (5) | (972) 371-5200 D | rate Received: rate Logged In: | 04/17/24 08: 04/16/24 16: 04/23/24 17: | :00 :31 | nyzeu as requ | Work Order ID: Logged In By: | E404141 Jessica Liesse | |
|---|---|--------------------------------|--|------------------|----------------|------------------------------|---------------------------|--|
| Phone: Email: 3 Chain of C 1. Does the 2. Does the 3. Were san 4. Was the 5. Were all | (972) 371-5200 D agiovngo@ensolum.com D Castody (COC) sample ID match the COC? c number of samples per sampling site location match | ate Logged In: | 04/16/24 16: | :31 | | | | |
| Chain of C 1. Does the 2. Does the 3. Were san 4. Was the 5. Were all | agiovngo@ensolum.com Custody (COC) e sample ID match the COC? e number of samples per sampling site location match | | | | | Logged In By: | legging I jegge | |
| Chain of C 1. Does the 2. Does the 3. Were san 4. Was the 6 5. Were all | Custody (COC) e sample ID match the COC? e number of samples per sampling site location match | rue Date: | 04/23/24 17: | · CO (4 day TAT) | | | Justice Literature | |
| 1. Does the 2. Does the 3. Were san 4. Was the 5. Were all | sample ID match the COC? number of samples per sampling site location match | | | .00 (4 day IAI) | | | | |
| Does the Were san Was the Were all | number of samples per sampling site location match | | | | | | | |
| Does the Were san Was the Were all | number of samples per sampling site location match | | Yes | | | | | |
| 4. Was the 65. Were all | nples dropped off by client or carrier? | the COC | Ycs | | | | | |
| 5. Were all | | | Yes | Carrier: C | <u>Courier</u> | | | |
| 1 | COC complete, i.e., signatures, dates/times, requeste | d analyses? | Yes | | | | | |
| , | 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 disussion. | e field, | Yes | | | Commen | s/Resolution | |
| Sample Tu | rn Around Time (TAT) | | | | | | | |
| 6. Did the 0 | COC indicate standard TAT, or Expedited TAT? | | Yes | | | | | |
| Sample Co | | | Voc | | | | | |
| | imple cooler received? | | Yes | | | | | |
| | as cooler received in good condition? | | Yes | | | | | |
| | sample(s) received intact, i.e., not broken? | | Yes | | | | | |
| | ustody/security seals present? | | No | | | | | |
| • | were custody/security seals intact? | | NA | | | | | |
|] | 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 | eceived w/i 15 | Yes | | | | | |
| 13. If no vi | sible ice, record the temperature. Actual sample te | mperature: 4° | <u>C</u> | | | | | |
| Sample Co | ontainer ueous VOC samples present? | | No | | | | | |
| _ | OC samples collected in VOA Vials? | | NA | | | | | |
| | ead space less than 6-8 mm (pea sized or less)? | | NA | | | | | |
| | rip blank (TB) included for VOC analyses? | | NA | | | | | |
| | n-VOC samples collected in the correct containers? | | Yes | | | | | |
| 19. Is the ap | propriate volume/weight or number of sample container | s collected? | Yes | | | | | |
| Field Labe | <u> </u> | | | | | | | |
| 20. Were fi | eld sample labels filled out with the minimum inform | nation: | | | | | | |
| | mple ID? | | Yes | | | | | |
| | te/Time Collected? | | Yes | | | | | |
| | llectors name? | | Yes | | | | | |
| Sample Pro | eservation the COC or field labels indicate the samples were pres | | NI. | | | | | |
| | | civeur | No NA | | | | | |
| | nple(s) correctly preserved? ilteration required and/or requested for dissolved met | ale? | No No | | | | | |
| | | 413+ | NO | | | | | |
| | e Sample Matrix | , | ** | | | | | |
| | te sample have more than one phase, i.e., multiphase's does the COC specify which phase(s) is to be analyze | | No | | | | | |
| • | • • • • • | a. | NA | | | | | |
| | ct Laboratory | , | M- | | | | | |
| | uples required to get sent to a subcontract laboratory and contract laboratory subcontract laboratory specified by the client and if so | | No NA S | Subcontract Lab | . 374 | | | |
| | | , wito: | MA S | MOCORHACT LAD | , NA | | | |
| Client Ins | Hruchon | | | | | | | |
| CHERT INS | irucion | | | | ·-· | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| <u> </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: Voni West TB

Work Order: E404158

Job Number: 23003-C-0001

Received: 4/18/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/24/24

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: 4/24/24

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

Project Name: Voni West TB

Workorder: E404158

Date Received: 4/18/2024 7:45:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/18/2024 7:45:00AM, under the Project Name: Voni West TB.

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

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

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

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

Respectfully,

Walter Hinchman

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Cell: 775-287-1762

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Sample Summary

Matador Resources, LLC.Project Name:Voni West TBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-C-0001Dallas TX, 75240Project Manager:Ashley Giovengo04/24/24 15:01

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| FS05 -0' | E404158-01A | Soil | 04/16/24 | 04/18/24 | Glass Jar, 2 oz. |
| FS06 -0' | E404158-02A | Soil | 04/16/24 | 04/18/24 | Glass Jar, 2 oz. |
| FS07 -0' | E404158-03A | Soil | 04/16/24 | 04/18/24 | Glass Jar, 2 oz. |
| FS08 -0' | E404158-04A | Soil | 04/16/24 | 04/18/24 | Glass Jar, 2 oz. |
| FS09 -0' | E404158-05A | Soil | 04/16/24 | 04/18/24 | Glass Jar, 2 oz. |
| FS10 -0' | E404158-06A | Soil | 04/16/24 | 04/18/24 | Glass Jar, 2 oz. |
| FS11 -0' | E404158-07A | Soil | 04/16/24 | 04/18/24 | Glass Jar, 2 oz. |
| FS12 -0' | E404158-08A | Soil | 04/16/24 | 04/18/24 | Glass Jar, 2 oz. |
| FS13 -0' | E404158-09A | Soil | 04/16/24 | 04/18/24 | Glass Jar, 2 oz. |
| FS14 -0' | E404158-10A | Soil | 04/16/24 | 04/18/24 | Glass Jar, 2 oz. |
| FS15 -0' | E404158-11A | Soil | 04/16/24 | 04/18/24 | Glass Jar, 2 oz. |
| FS16 -0' | E404158-12A | Soil | 04/16/24 | 04/18/24 | Glass Jar, 2 oz. |
| FS17 -0' | E404158-13A | Soil | 04/16/24 | 04/18/24 | Glass Jar, 2 oz. |
| FS18 -0' | E404158-14A | Soil | 04/16/24 | 04/18/24 | Glass Jar, 2 oz. |
| FS19 -0' | E404158-15A | Soil | 04/16/24 | 04/18/24 | Glass Jar, 2 oz. |
| FS20 -0' | E404158-16A | Soil | 04/16/24 | 04/18/24 | Glass Jar, 2 oz. |
| FS21 -0' | E404158-17A | Soil | 04/16/24 | 04/18/24 | Glass Jar, 2 oz. |
| FS22 -0' | E404158-18A | Soil | 04/16/24 | 04/18/24 | Glass Jar, 2 oz. |
| FS23 -0' | E404158-19A | Soil | 04/16/24 | 04/18/24 | Glass Jar, 2 oz. |
| FS24 -0' | E404158-20A | Soil | 04/16/24 | 04/18/24 | Glass Jar, 2 oz. |
| FS25 -0' | E404158-21A | Soil | 04/16/24 | 04/18/24 | Glass Jar, 2 oz. |
| FS26 -0' | E404158-22A | Soil | 04/16/24 | 04/18/24 | Glass Jar, 2 oz. |
| FS27 -0' | E404158-23A | Soil | 04/16/24 | 04/18/24 | Glass Jar, 2 oz. |
| FS28 -0' | E404158-24A | Soil | 04/16/24 | 04/18/24 | Glass Jar, 2 oz. |
| FS29 -0' | E404158-25A | Soil | 04/16/24 | 04/18/24 | Glass Jar, 2 oz. |
| FS30 -0' | E404158-26A | Soil | 04/16/24 | 04/18/24 | Glass Jar, 2 oz. |
| FS31 -0' | E404158-27A | Soil | 04/16/24 | 04/18/24 | Glass Jar, 2 oz. |
| FS32 -0' | E404158-28A | Soil | 04/16/24 | 04/18/24 | Glass Jar, 2 oz. |
| FS33 -0' | E404158-29A | Soil | 04/16/24 | 04/18/24 | Glass Jar, 2 oz. |
| FS34 -0' | E404158-30A | Soil | 04/16/24 | 04/18/24 | Glass Jar, 2 oz. |



| Matador Resources, LLC. | Project Name: | Voni West TB | |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 4/24/2024 3:01:59PM |

FS05 -0' E404158-01

| | | E-10-1130-01 | | | | | |
|--|--------|--------------------|--------|----------|----------|----------|----------------|
| Analyte | Result | Reporting Limit | Dilu | ıtion | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | BA | | Batch: 2416097 |
| Benzene | ND | 0.0250 | 1 | 1 | 04/18/24 | 04/18/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 1 | 04/18/24 | 04/18/24 | |
| Toluene | ND | 0.0250 | 1 | 1 | 04/18/24 | 04/18/24 | |
| o-Xylene | ND | 0.0250 | 1 | 1 | 04/18/24 | 04/18/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 1 | 04/18/24 | 04/18/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 1 | 04/18/24 | 04/18/24 | |
| Surrogate: Bromofluorobenzene | | 101 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 96.7 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: Toluene-d8 | | 100 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: | BA | | Batch: 2416097 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | l | 04/18/24 | 04/18/24 | |
| Surrogate: Bromofluorobenzene | | 101 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 96.7 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: Toluene-d8 | | 100 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | NV | | Batch: 2416125 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 1 | 04/19/24 | 04/20/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 1 | 04/19/24 | 04/20/24 | |
| Surrogate: n-Nonane | | 111 % | 50-200 | | 04/19/24 | 04/20/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | DT | | Batch: 2416106 |
| 11110110 0 0 0 0 0 0 1 1 | | | | | | | |



| Matador Resources, LLC. | Project Name: | Voni West TB | |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 4/24/2024 3:01:59PM |

FS06 -0' E404158-02

| | | Reporting | | | | | |
|--|--------|-----------|--------|----------|----------|----------|----------------|
| Analyte | Result | Limit | Dilut | tion | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | I | Analyst: | BA | | Batch: 2416097 |
| Benzene | ND | 0.0250 | 1 | | 04/18/24 | 04/18/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | | 04/18/24 | 04/18/24 | |
| Toluene | ND | 0.0250 | 1 | | 04/18/24 | 04/18/24 | |
| o-Xylene | ND | 0.0250 | 1 | | 04/18/24 | 04/18/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | | 04/18/24 | 04/18/24 | |
| Total Xylenes | ND | 0.0250 | 1 | | 04/18/24 | 04/18/24 | |
| Surrogate: Bromofluorobenzene | | 101 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 101 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: Toluene-d8 | | 99.1 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | I | Analyst: | BA | | Batch: 2416097 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | | 04/18/24 | 04/18/24 | |
| Surrogate: Bromofluorobenzene | | 101 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 101 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: Toluene-d8 | | 99.1 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | I | Analyst: | NV | | Batch: 2416125 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | | 04/19/24 | 04/20/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | | 04/19/24 | 04/20/24 | |
| Surrogate: n-Nonane | | 110 % | 50-200 | | 04/19/24 | 04/20/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | 1 | Analyst: | DT | | Batch: 2416106 |
| Chloride | ND | 20.0 | 1 | | 04/18/24 | 04/19/24 | |

| Matador Resources, LLC. | Project Name: | Voni West TB | |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 4/24/2024 3:01:59PM |

FS07 -0' E404158-03

| | | 2.0.120 00 | | | | | |
|--|--------|--------------------|--------|---------|----------|----------|----------------|
| Analyte | Result | Reporting Limit | | ution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst | : BA | | Batch: 2416097 |
| Renzene | ND | 0.0250 | | 1 | 04/18/24 | 04/18/24 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 04/18/24 | 04/18/24 | |
| Toluene | ND | 0.0250 | | 1 | 04/18/24 | 04/18/24 | |
| o-Xylene | ND | 0.0250 | | 1 | 04/18/24 | 04/18/24 | |
| p,m-Xylene | ND | 0.0500 | | 1 | 04/18/24 | 04/18/24 | |
| Total Xylenes | ND | 0.0250 | | 1 | 04/18/24 | 04/18/24 | |
| Surrogate: Bromofluorobenzene | | 102 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 99.8 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: Toluene-d8 | | 98.4 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst | : BA | | Batch: 2416097 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 04/18/24 | 04/18/24 | |
| Surrogate: Bromofluorobenzene | | 102 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 99.8 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: Toluene-d8 | | 98.4 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst | : NV | | Batch: 2416125 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 04/19/24 | 04/20/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | 1 | 04/19/24 | 04/20/24 | |
| Surrogate: n-Nonane | | 110 % | 50-200 | | 04/19/24 | 04/20/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst | : DT | | Batch: 2416106 |
| Chloride | 632 | 20.0 | | 1 | 04/18/24 | 04/19/24 | |

| Matador Resources, LLC. | Project Name: | Voni West TB | |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 4/24/2024 3:01:59PM |

FS08 -0' E404158-04

| Racult | | Dil | ıtion | Prepared | Analyzad | Notes |
|--------|---|---|--|--|---|--|
| Resuit | Limit | Dill | шоп | rrepared | Anaryzeu | Notes |
| mg/kg | mg/kg | | Analyst: | BA | | Batch: 2416097 |
| ND | 0.0250 | | 1 | 04/18/24 | 04/18/24 | |
| ND | 0.0250 | | 1 | 04/18/24 | 04/18/24 | |
| ND | 0.0250 | | 1 | 04/18/24 | 04/18/24 | |
| ND | 0.0250 | | 1 | 04/18/24 | 04/18/24 | |
| ND | 0.0500 | | 1 | 04/18/24 | 04/18/24 | |
| ND | 0.0250 | | 1 | 04/18/24 | 04/18/24 | |
| | 100 % | 70-130 | | 04/18/24 | 04/18/24 | |
| | 98.5 % | 70-130 | | 04/18/24 | 04/18/24 | |
| | 98.9 % | 70-130 | | 04/18/24 | 04/18/24 | |
| mg/kg | mg/kg | | Analyst: | BA | | Batch: 2416097 |
| ND | 20.0 | | 1 | 04/18/24 | 04/18/24 | |
| | 100 % | 70-130 | | 04/18/24 | 04/18/24 | |
| | 98.5 % | 70-130 | | 04/18/24 | 04/18/24 | |
| | 98.9 % | 70-130 | | 04/18/24 | 04/18/24 | |
| mg/kg | mg/kg | | Analyst: | NV | | Batch: 2416125 |
| 69.6 | 25.0 | | 1 | 04/19/24 | 04/20/24 | |
| ND | 50.0 | | 1 | 04/19/24 | 04/20/24 | |
| | 110 % | 50-200 | | 04/19/24 | 04/20/24 | |
| mg/kg | mg/kg | | Analyst: | DT | | Batch: 2416106 |
| 622 | 20.0 | | 1 | 04/18/24 | 04/19/24 | |
| | 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 IOO % 98.5 % 98.9 % mg/kg ND 20.0 100 % 98.5 % 98.9 % mg/kg Mg/kg mg/kg 69.6 25.0 ND 50.0 110 % mg/kg mg/kg mg/kg | Result Limit Dilu mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 100 % 70-130 98.5 % 70-130 98.9 % 70-130 98.5 % 70-130 98.9 % 70-130 98.9 % 70-130 mg/kg mg/kg 69.6 25.0 ND 50.0 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 1 100 % 70-130 98.5 % 70-130 98.9 % 70-130 mg/kg mg/kg Analyst: 100 % 70-130 98.9 % 70-130 mg/kg mg/kg Analyst: 69.6 25.0 1 ND 50.0 1 110 % 50-200 mg/kg mg/kg Analyst: | Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 04/18/24 ND 0.0250 1 04/18/24 ND 0.0250 1 04/18/24 ND 0.0250 1 04/18/24 ND 0.0500 1 04/18/24 ND 0.0250 1 04/18/24 ND 70-130 04/18/24 98.5 % 70-130 04/18/24 98.9 % 70-130 04/18/24 mg/kg mg/kg Analyst: BA ND 20.0 1 04/18/24 98.9 % 70-130 04/18/24 98.9 % 70-130 04/18/24 98.9 % 70-130 04/18/24 98.9 % 70-130 04/18/24 mg/kg mg/kg Analyst: NV 69.6 25.0 1 04/19/24 ND 50.0 1 04/19/24 mg/kg </td <td>Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 04/18/24 04/18/24 ND 0.0500 1 04/18/24 04/18/24 ND 0.0250 1 04/18/24 04/18/24 ND 0.0250 1 04/18/24 04/18/24 98.5 % 70-130 04/18/24 04/18/24 98.5 % 70-130 04/18/24 04/18/24 98.9 % 70-130 04/18/24 04/18/24 98.5 % 70-130 04/18/24 04/18/24 98.9 % 70-130 04/18/24 04/18/24 98.9 % 70-130 04/18/24 04/18/24 98.9 % 70-130 04/18/24 04/18/24 98.9 %</td> | Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 04/18/24 04/18/24 ND 0.0500 1 04/18/24 04/18/24 ND 0.0250 1 04/18/24 04/18/24 ND 0.0250 1 04/18/24 04/18/24 98.5 % 70-130 04/18/24 04/18/24 98.5 % 70-130 04/18/24 04/18/24 98.9 % 70-130 04/18/24 04/18/24 98.5 % 70-130 04/18/24 04/18/24 98.9 % 70-130 04/18/24 04/18/24 98.9 % 70-130 04/18/24 04/18/24 98.9 % 70-130 04/18/24 04/18/24 98.9 % |



Matador Resources, LLC.Project Name:Voni West TB5400 LBJ Freeway, Suite 1500Project Number:23003-C-0001Reported:Dallas TX, 75240Project Manager:Ashley Giovengo4/24/20243:01:59PM

FS09 -0' E404158-05

| | | E404130-03 | | | | | |
|--|--------|--------------------|--------|-------------|---------|-------------|----------------|
| Aughto | Result | Reporting Limit | Dilu | tion D | d | A malayra d | Notes |
| Analyte | Result | Limit | Dilu | uon P | repared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | I | Analyst: BA | | | Batch: 2416097 |
| Benzene | ND | 0.0250 | 1 | 0- | 4/18/24 | 04/18/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04 | 4/18/24 | 04/18/24 | |
| Toluene | ND | 0.0250 | 1 | 0- | 4/18/24 | 04/18/24 | |
| o-Xylene | ND | 0.0250 | 1 | 0- | 4/18/24 | 04/18/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 0- | 4/18/24 | 04/18/24 | |
| Total Xylenes | ND | 0.0250 | 1 | . 04 | 4/18/24 | 04/18/24 | |
| Surrogate: Bromofluorobenzene | | 102 % | 70-130 | 0- | 4/18/24 | 04/18/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 99.2 % | 70-130 | 0- | 4/18/24 | 04/18/24 | |
| Surrogate: Toluene-d8 | | 99.7 % | 70-130 | 0- | 4/18/24 | 04/18/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | 1 | Analyst: BA | | | Batch: 2416097 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 0- | 4/18/24 | 04/18/24 | |
| Surrogate: Bromofluorobenzene | | 102 % | 70-130 | 0- | 4/18/24 | 04/18/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 99.2 % | 70-130 | 0- | 4/18/24 | 04/18/24 | |
| Surrogate: Toluene-d8 | | 99.7 % | 70-130 | 0- | 4/18/24 | 04/18/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | 1 | Analyst: NV | | | Batch: 2416125 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 0- | 4/19/24 | 04/20/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 0- | 4/19/24 | 04/20/24 | |
| Surrogate: n-Nonane | | 108 % | 50-200 | 0- | 4/19/24 | 04/20/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: DT | | | Batch: 2416106 |
| Chloride | 27.4 | 20.0 | 1 | . 04 | 4/18/24 | 04/19/24 | |
| | | | | | | | |



Matador Resources, LLC.Project Name:Voni West TB5400 LBJ Freeway, Suite 1500Project Number:23003-C-0001Reported:Dallas TX, 75240Project Manager:Ashley Giovengo4/24/20243:01:59PM

FS10 -0' E404158-06

| | | E404130-00 | | | | | |
|--|--------|--------------------|--------|----------|----------|----------|----------------|
| Analyte | Result | Reporting Limit | | ution | Prepared | Analyzed | Notes |
| Analyte | Result | Limit | ווע | utiOII | rrepareu | Anaryzed | INOIES |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | : BA | | Batch: 2416097 |
| Benzene | ND | 0.0250 | | 1 | 04/18/24 | 04/18/24 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 04/18/24 | 04/18/24 | |
| Toluene | ND | 0.0250 | | 1 | 04/18/24 | 04/18/24 | |
| o-Xylene | ND | 0.0250 | | 1 | 04/18/24 | 04/18/24 | |
| p,m-Xylene | ND | 0.0500 | | 1 | 04/18/24 | 04/18/24 | |
| Total Xylenes | ND | 0.0250 | | 1 | 04/18/24 | 04/18/24 | |
| Surrogate: Bromofluorobenzene | | 102 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 100 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: Toluene-d8 | | 99.6 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: | : BA | | Batch: 2416097 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 04/18/24 | 04/18/24 | |
| Surrogate: Bromofluorobenzene | | 102 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 100 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: Toluene-d8 | | 99.6 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | : NV | | Batch: 2416125 |
| Diesel Range Organics (C10-C28) | 176 | 25.0 | | 1 | 04/19/24 | 04/23/24 | _ |
| Oil Range Organics (C28-C36) | ND | 50.0 | : | 1 | 04/19/24 | 04/23/24 | |
| Surrogate: n-Nonane | | 112 % | 50-200 | | 04/19/24 | 04/23/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | : DT | | Batch: 2416106 |
| Chloride | 59.0 | 20.0 | | 1 | 04/18/24 | 04/19/24 | |
| | | | | | | | |



| Matador Resources, LLC. | Project Name: | Voni West TB | |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 4/24/2024 3:01:59PM |

FS11 -0' E404158-07

| | _ | Reporting | _ | | | |
|--|--------|-----------|--------|--------------|----------|----------------|
| Analyte | Result | Limit | Dilut | ion Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | А | Analyst: BA | | Batch: 2416097 |
| Benzene | ND | 0.0250 | 1 | 04/18/24 | 04/18/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/18/24 | 04/18/24 | |
| Toluene | ND | 0.0250 | 1 | 04/18/24 | 04/18/24 | |
| o-Xylene | ND | 0.0250 | 1 | 04/18/24 | 04/18/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/18/24 | 04/18/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/18/24 | 04/18/24 | |
| Surrogate: Bromofluorobenzene | | 103 % | 70-130 | 04/18/24 | 04/18/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 99.1 % | 70-130 | 04/18/24 | 04/18/24 | |
| Surrogate: Toluene-d8 | | 98.9 % | 70-130 | 04/18/24 | 04/18/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | А | Analyst: BA | | Batch: 2416097 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/18/24 | 04/18/24 | |
| Surrogate: Bromofluorobenzene | | 103 % | 70-130 | 04/18/24 | 04/18/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 99.1 % | 70-130 | 04/18/24 | 04/18/24 | |
| Surrogate: Toluene-d8 | | 98.9 % | 70-130 | 04/18/24 | 04/18/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | А | Analyst: NV | | Batch: 2416125 |
| Diesel Range Organics (C10-C28) | 79.4 | 25.0 | 1 | 04/19/24 | 04/20/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/19/24 | 04/20/24 | |
| Surrogate: n-Nonane | | 108 % | 50-200 | 04/19/24 | 04/20/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | А | Analyst: DT | | Batch: 2416106 |
| Chloride | 49.7 | 20.0 | 1 | 04/18/24 | 04/19/24 | |
| | | | | | | |

Matador Resources, LLC.Project Name:Voni West TB5400 LBJ Freeway, Suite 1500Project Number:23003-C-0001Reported:Dallas TX, 75240Project Manager:Ashley Giovengo4/24/2024 3:01:59PM

FS12 -0' E404158-08

| | | 2.0.100 00 | | | | |
|--|--------|--------------------|--------|---------------|----------|----------------|
| Assira | Result | Reporting Limit | Dilut | dian Danier I | A I | Notes |
| Analyte | Kesuit | Limit | Dilut | tion Prepared | Analyzed | notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | A | Analyst: BA | | Batch: 2416097 |
| Benzene | ND | 0.0250 | 1 | 04/18/24 | 04/19/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/18/24 | 04/19/24 | |
| Toluene | ND | 0.0250 | 1 | 04/18/24 | 04/19/24 | |
| o-Xylene | ND | 0.0250 | 1 | 04/18/24 | 04/19/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/18/24 | 04/19/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/18/24 | 04/19/24 | |
| Surrogate: Bromofluorobenzene | | 101 % | 70-130 | 04/18/24 | 04/19/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 100 % | 70-130 | 04/18/24 | 04/19/24 | |
| Surrogate: Toluene-d8 | | 99.9 % | 70-130 | 04/18/24 | 04/19/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | I | Analyst: BA | | Batch: 2416097 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/18/24 | 04/19/24 | |
| Surrogate: Bromofluorobenzene | | 101 % | 70-130 | 04/18/24 | 04/19/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 100 % | 70-130 | 04/18/24 | 04/19/24 | |
| Surrogate: Toluene-d8 | | 99.9 % | 70-130 | 04/18/24 | 04/19/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | A | Analyst: NV | | Batch: 2416125 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/19/24 | 04/20/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/19/24 | 04/20/24 | |
| Surrogate: n-Nonane | | 109 % | 50-200 | 04/19/24 | 04/20/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | A | Analyst: DT | | Batch: 2416106 |
| Chloride | ND | 20.0 | 1 | 04/18/24 | 04/19/24 | |
| Cinoriac | ND | 20.0 | | 0 10.21 | 0.17.21 | |



Matador Resources, LLC.Project Name:Voni West TB5400 LBJ Freeway, Suite 1500Project Number:23003-C-0001Reported:Dallas TX, 75240Project Manager:Ashley Giovengo4/24/2024 3:01:59PM

FS13 -0' E404158-09

| | E101120 07 | | | | |
|--------|--|---|---|--|--|
| Result | Reporting Limit | | ion Prepared | Analyzed | Notes |
| mg/kg | mg/kg | A | analyst: BA | | Batch: 2416097 |
| ND | 0.0250 | 1 | 04/18/24 | 04/19/24 | |
| ND | 0.0250 | 1 | 04/18/24 | 04/19/24 | |
| ND | 0.0250 | 1 | 04/18/24 | 04/19/24 | |
| ND | 0.0250 | 1 | 04/18/24 | 04/19/24 | |
| ND | 0.0500 | 1 | 04/18/24 | 04/19/24 | |
| ND | 0.0250 | 1 | 04/18/24 | 04/19/24 | |
| | 102 % | 70-130 | 04/18/24 | 04/19/24 | |
| | 98.2 % | 70-130 | 04/18/24 | 04/19/24 | |
| | 100 % | 70-130 | 04/18/24 | 04/19/24 | |
| mg/kg | mg/kg | A | analyst: BA | | Batch: 2416097 |
| ND | 20.0 | 1 | 04/18/24 | 04/19/24 | |
| | 102 % | 70-130 | 04/18/24 | 04/19/24 | |
| | 98.2 % | 70-130 | 04/18/24 | 04/19/24 | |
| | 100 % | 70-130 | 04/18/24 | 04/19/24 | |
| mg/kg | mg/kg | A | analyst: NV | | Batch: 2416125 |
| 39.9 | 25.0 | 1 | 04/19/24 | 04/20/24 | |
| ND | 50.0 | 1 | 04/19/24 | 04/20/24 | |
| | 109 % | 50-200 | 04/19/24 | 04/20/24 | |
| // | | | nolyet DT | | Batch: 2416106 |
| mg/kg | mg/kg | A | Midlyst. D1 | | Batch. 2410100 |
| | mg/kg ND | Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 IO2 % 98.2 % 100 % 100 % mg/kg mg/kg ND 20.0 IO2 % 98.2 % 100 % 100 % mg/kg mg/kg Mg/kg 50.0 IO9 % | mg/kg mg/kg A ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 102 % 70-130 98.2 % 70-130 100 % 70-130 98.2 % 70-130 98.2 % 70-130 100 % 70-130 mg/kg mg/kg Mg/kg Mg/kg A 39.9 25.0 1 109 % 50-200 | Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 04/18/24 ND 0.0250 1 04/18/24 ND 0.0250 1 04/18/24 ND 0.0250 1 04/18/24 ND 0.0500 1 04/18/24 ND 0.0250 1 04/18/24 ND 0.0250 1 04/18/24 98.2 % 70-130 04/18/24 98.2 % 70-130 04/18/24 mg/kg mg/kg Analyst: BA ND 20.0 1 04/18/24 98.2 % 70-130 04/18/24 98.2 % 70-130 04/18/24 100 % 70-130 04/18/24 mg/kg mg/kg Analyst: NV 39.9 25.0 1 04/19/24 ND 50.0 1 04/19/24 ND 50.0 1 04/19/24 <td>Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 04/18/24 04/19/24 ND 0.0500 1 04/18/24 04/19/24 ND 0.0250 1 04/18/24 04/19/24 ND 0.0250 1 04/18/24 04/19/24 ND 0.0250 1 04/18/24 04/19/24 98.2 % 70-130 04/18/24 04/19/24 100 % 70-130 04/18/24 04/19/24 mg/kg mg/kg Analyst: BA ND 20.0 1 04/18/24 04/19/24 4 100 % 70-130 04/18/24 04/19/24 4 100 % 70-130 04/18/24 04/19/24 </td> | Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 04/18/24 04/19/24 ND 0.0500 1 04/18/24 04/19/24 ND 0.0250 1 04/18/24 04/19/24 ND 0.0250 1 04/18/24 04/19/24 ND 0.0250 1 04/18/24 04/19/24 98.2 % 70-130 04/18/24 04/19/24 100 % 70-130 04/18/24 04/19/24 mg/kg mg/kg Analyst: BA ND 20.0 1 04/18/24 04/19/24 4 100 % 70-130 04/18/24 04/19/24 4 100 % 70-130 04/18/24 04/19/24 |

Matador Resources, LLC.Project Name:Voni West TB5400 LBJ Freeway, Suite 1500Project Number:23003-C-0001Reported:Dallas TX, 75240Project Manager:Ashley Giovengo4/24/20243:01:59PM

FS14 -0' E404158-10

| | | Reporting | | | | | |
|--|--------|-----------|----------|-------------|----------|----------|----------------|
| Analyte | Result | Limit | Dilu | ıtion | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: B | A | | Batch: 2416097 |
| Benzene | ND | 0.0250 | 1 | I | 04/18/24 | 04/19/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 1 | 04/18/24 | 04/19/24 | |
| Toluene | ND | 0.0250 | 1 | 1 | 04/18/24 | 04/19/24 | |
| o-Xylene | ND | 0.0250 | 1 | 1 | 04/18/24 | 04/19/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 1 | 04/18/24 | 04/19/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 1 | 04/18/24 | 04/19/24 | |
| Surrogate: Bromofluorobenzene | | 101 % | 70-130 | | 04/18/24 | 04/19/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 98.8 % | 70-130 | | 04/18/24 | 04/19/24 | |
| Surrogate: Toluene-d8 | | 98.9 % | 70-130 | | 04/18/24 | 04/19/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: B | A | | Batch: 2416097 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 1 | 04/18/24 | 04/19/24 | |
| Surrogate: Bromofluorobenzene | | 101 % | 70-130 | | 04/18/24 | 04/19/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 98.8 % | 70-130 | | 04/18/24 | 04/19/24 | |
| Surrogate: Toluene-d8 | | 98.9 % | 70-130 | | 04/18/24 | 04/19/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | <u>.</u> | Analyst: N | V | | Batch: 2416125 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 1 | 04/19/24 | 04/20/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 1 | 04/19/24 | 04/20/24 | |
| Surrogate: n-Nonane | | 106 % | 50-200 | | 04/19/24 | 04/20/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: IY | 7 | | Batch: 2416106 |
| Chloride | 1150 | 20.0 | 1 | 1 | 04/18/24 | 04/19/24 | |
| | | | | | | | |

| Matador Resources, LLC. | Project Name: | Voni West TB | |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 4/24/2024 3:01:59PM |

FS15 -0' E404158-11

| | | 210110011 | | | | | |
|--|--------|--------------------|--------|----------|----------|----------|----------------|
| Analyte | Result | Reporting Limit | | ıtion | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | : BA | | Batch: 2416097 |
| Renzene | ND | 0.0250 | | 1 | 04/18/24 | 04/19/24 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 04/18/24 | 04/19/24 | |
| Toluene | ND | 0.0250 | | 1 | 04/18/24 | 04/19/24 | |
| o-Xylene | ND | 0.0250 | | 1 | 04/18/24 | 04/19/24 | |
| p,m-Xylene | ND | 0.0500 | | 1 | 04/18/24 | 04/19/24 | |
| Total Xylenes | ND | 0.0250 | | 1 | 04/18/24 | 04/19/24 | |
| Surrogate: Bromofluorobenzene | | 103 % | 70-130 | | 04/18/24 | 04/19/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 99.1 % | 70-130 | | 04/18/24 | 04/19/24 | |
| Surrogate: Toluene-d8 | | 99.4 % | 70-130 | | 04/18/24 | 04/19/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: | : BA | | Batch: 2416097 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | : | 1 | 04/18/24 | 04/19/24 | |
| Surrogate: Bromofluorobenzene | | 103 % | 70-130 | | 04/18/24 | 04/19/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 99.1 % | 70-130 | | 04/18/24 | 04/19/24 | |
| Surrogate: Toluene-d8 | | 99.4 % | 70-130 | | 04/18/24 | 04/19/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | : NV | | Batch: 2416125 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 04/19/24 | 04/20/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | 1 | 04/19/24 | 04/20/24 | |
| Surrogate: n-Nonane | | 109 % | 50-200 | | 04/19/24 | 04/20/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | : IY | | Batch: 2416106 |
| Chloride | ND | 20.0 | | 1 | 04/18/24 | 04/19/24 | |

| Matador Resources, LLC. | Project Name: | Voni West TB | |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 4/24/2024 3:01:59PM |

FS16 -0' E404158-12

| | | 210110012 | | | | | |
|--|--------|--------------------|--------|----------|----------|----------|----------------|
| Analyte | Result | Reporting Limit | | ıtion | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | : BA | | Batch: 2416097 |
| Renzene | ND | 0.0250 | | 1 | 04/18/24 | 04/18/24 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 04/18/24 | 04/18/24 | |
| Toluene | ND | 0.0250 | | 1 | 04/18/24 | 04/18/24 | |
| o-Xylene | ND | 0.0250 | | 1 | 04/18/24 | 04/18/24 | |
| p,m-Xylene | ND | 0.0500 | | 1 | 04/18/24 | 04/18/24 | |
| Total Xylenes | ND | 0.0250 | | 1 | 04/18/24 | 04/18/24 | |
| Surrogate: Bromofluorobenzene | | 102 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 98.8 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: Toluene-d8 | | 100 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: | : BA | | Batch: 2416097 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 04/18/24 | 04/18/24 | |
| Surrogate: Bromofluorobenzene | | 102 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 98.8 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: Toluene-d8 | | 100 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | : NV | | Batch: 2416125 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | _ | 1 | 04/19/24 | 04/20/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | : | 1 | 04/19/24 | 04/20/24 | |
| Surrogate: n-Nonane | | 108 % | 50-200 | | 04/19/24 | 04/20/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | : IY | | Batch: 2416106 |
| Chloride | 54.8 | 20.0 | | 1 | 04/18/24 | 04/19/24 | |

| Matador Resources, LLC. | Project Name: | Voni West TB | |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 4/24/2024 3:01:59PM |

FS17 -0' E404158-13

| | | E-10-130-13 | | | | |
|--|--------|--------------------|--------|--------------|------------|----------------|
| Analyte | Result | Reporting Limit | Diluti | ion Prepared | Analyzed | Notes |
| , | | | | 1 | 7 mary 200 | |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | A | Analyst: BA | | Batch: 2416097 |
| Benzene | ND | 0.0250 | 1 | 04/18/24 | 04/19/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/18/24 | 04/19/24 | |
| Toluene | ND | 0.0250 | 1 | 04/18/24 | 04/19/24 | |
| o-Xylene | ND | 0.0250 | 1 | 04/18/24 | 04/19/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/18/24 | 04/19/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/18/24 | 04/19/24 | |
| Surrogate: Bromofluorobenzene | | 101 % | 70-130 | 04/18/24 | 04/19/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 99.0 % | 70-130 | 04/18/24 | 04/19/24 | |
| Surrogate: Toluene-d8 | | 98.7 % | 70-130 | 04/18/24 | 04/19/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Α | Analyst: BA | | Batch: 2416097 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/18/24 | 04/19/24 | |
| Surrogate: Bromofluorobenzene | | 101 % | 70-130 | 04/18/24 | 04/19/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 99.0 % | 70-130 | 04/18/24 | 04/19/24 | |
| Surrogate: Toluene-d8 | | 98.7 % | 70-130 | 04/18/24 | 04/19/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | A | Analyst: NV | | Batch: 2416125 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/19/24 | 04/20/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/19/24 | 04/20/24 | |
| Surrogate: n-Nonane | | 110 % | 50-200 | 04/19/24 | 04/20/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Α | Analyst: IY | | Batch: 2416106 |
| Chloride | 42.3 | 20.0 | 1 | 04/18/24 | 04/19/24 | |
| | | | | | | |



| Matador Resources, LLC. | Project Name: | Voni West TB | |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 4/24/2024 3:01:59PM |

FS18 -0' E404158-14

| | | 2.0.100 1. | | | | | |
|--|--------|--------------------|--------|----------|----------|----------|----------------|
| Analysis | Result | Reporting Limit | | ution | Dunand | Analyzed | Notes |
| Analyte | Result | Limit | Dili | ution | Prepared | Anaiyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | BA | | Batch: 2416097 |
| Benzene | ND | 0.0250 | | 1 | 04/18/24 | 04/19/24 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 04/18/24 | 04/19/24 | |
| Toluene | ND | 0.0250 | | 1 | 04/18/24 | 04/19/24 | |
| o-Xylene | ND | 0.0250 | | 1 | 04/18/24 | 04/19/24 | |
| p,m-Xylene | ND | 0.0500 | | 1 | 04/18/24 | 04/19/24 | |
| Total Xylenes | ND | 0.0250 | | 1 | 04/18/24 | 04/19/24 | |
| Surrogate: Bromofluorobenzene | | 101 % | 70-130 | · | 04/18/24 | 04/19/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 101 % | 70-130 | | 04/18/24 | 04/19/24 | |
| Surrogate: Toluene-d8 | | 97.9 % | 70-130 | | 04/18/24 | 04/19/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: | BA | | Batch: 2416097 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 04/18/24 | 04/19/24 | |
| Surrogate: Bromofluorobenzene | | 101 % | 70-130 | | 04/18/24 | 04/19/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 101 % | 70-130 | | 04/18/24 | 04/19/24 | |
| Surrogate: Toluene-d8 | | 97.9 % | 70-130 | | 04/18/24 | 04/19/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | NV | | Batch: 2416125 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 04/19/24 | 04/20/24 | _ |
| Oil Range Organics (C28-C36) | ND | 50.0 | | 1 | 04/19/24 | 04/20/24 | |
| Surrogate: n-Nonane | | 109 % | 50-200 | | 04/19/24 | 04/20/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2416106 |
| Chloride | ND | 20.0 | | 1 | 04/18/24 | 04/19/24 | |
| | | | | | | | |

| Matador Resources, LLC. | Project Name: | Voni West TB | |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 4/24/2024 3:01:59PM |

FS19 -0' E404158-15

| | | Reporting | | | | |
|--|--------|-----------|--------|--------------|----------|----------------|
| Analyte | Result | Limit | Dilut | ion Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | А | Analyst: BA | | Batch: 2416097 |
| Benzene | ND | 0.0250 | 1 | 04/18/24 | 04/19/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/18/24 | 04/19/24 | |
| Toluene | ND | 0.0250 | 1 | 04/18/24 | 04/19/24 | |
| o-Xylene | ND | 0.0250 | 1 | 04/18/24 | 04/19/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/18/24 | 04/19/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/18/24 | 04/19/24 | |
| Surrogate: Bromofluorobenzene | | 99.7 % | 70-130 | 04/18/24 | 04/19/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 102 % | 70-130 | 04/18/24 | 04/19/24 | |
| Surrogate: Toluene-d8 | | 98.3 % | 70-130 | 04/18/24 | 04/19/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | А | Analyst: BA | | Batch: 2416097 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/18/24 | 04/19/24 | |
| Surrogate: Bromofluorobenzene | | 99.7 % | 70-130 | 04/18/24 | 04/19/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 102 % | 70-130 | 04/18/24 | 04/19/24 | |
| Surrogate: Toluene-d8 | | 98.3 % | 70-130 | 04/18/24 | 04/19/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Α | Analyst: NV | | Batch: 2416125 |
| Diesel Range Organics (C10-C28) | 650 | 25.0 | 1 | 04/19/24 | 04/20/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/19/24 | 04/20/24 | |
| Surrogate: n-Nonane | | 112 % | 50-200 | 04/19/24 | 04/20/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Α | Analyst: IY | | Batch: 2416106 |
| Chloride | 44.1 | 20.0 | 1 | 04/18/24 | 04/19/24 | |
| | | | | | | |

| Matador Resources, LLC. | Project Name: | Voni West TB | |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 4/24/2024 3:01:59PM |

FS20 -0' E404158-16

| | | Reporting | | | | |
|--|--------|-----------|--------|--------------|----------|----------------|
| Analyte | Result | Limit | Diluti | ion Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | A | analyst: BA | | Batch: 2416097 |
| Benzene | ND | 0.0250 | 1 | 04/18/24 | 04/19/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/18/24 | 04/19/24 | |
| Toluene | ND | 0.0250 | 1 | 04/18/24 | 04/19/24 | |
| o-Xylene | ND | 0.0250 | 1 | 04/18/24 | 04/19/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/18/24 | 04/19/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/18/24 | 04/19/24 | |
| Surrogate: Bromofluorobenzene | | 101 % | 70-130 | 04/18/24 | 04/19/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 99.5 % | 70-130 | 04/18/24 | 04/19/24 | |
| Surrogate: Toluene-d8 | | 97.6 % | 70-130 | 04/18/24 | 04/19/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | A | analyst: BA | | Batch: 2416097 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/18/24 | 04/19/24 | |
| Surrogate: Bromofluorobenzene | | 101 % | 70-130 | 04/18/24 | 04/19/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 99.5 % | 70-130 | 04/18/24 | 04/19/24 | |
| Surrogate: Toluene-d8 | | 97.6 % | 70-130 | 04/18/24 | 04/19/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | A | analyst: NV | | Batch: 2416125 |
| Diesel Range Organics (C10-C28) | 97.5 | 25.0 | 1 | 04/19/24 | 04/20/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/19/24 | 04/20/24 | |
| Surrogate: n-Nonane | | 111 % | 50-200 | 04/19/24 | 04/20/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | A | analyst: IY | | Batch: 2416106 |
| Chloride | 31.5 | 20.0 | 1 | 04/18/24 | 04/19/24 | |
| | | | | | | |

| Matador Resources, LLC. | Project Name: | Voni West TB | |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 4/24/2024 3:01:59PM |

FS21 -0' E404158-17

| | | | | | 210116017 | | |
|----------------|----------|------------------|------------|--------|----------------|--------|--|
| N. | | D 1 | | | Reporting | D 1 | |
| Notes | Analyzed | Prepared | ilution | Dı | Limit | Result | Analyte |
| Batch: 2416097 | | : BA | Analyst: 1 | | mg/kg | mg/kg | Volatile Organic Compounds by EPA 8260B |
| | 04/19/24 | 04/18/24 | 1 | | 0.0250 | ND | Benzene |
| | 04/19/24 | 04/18/24 | 1 | | 0.0250 | ND | Ethylbenzene |
| | 04/19/24 | 04/18/24 | 1 | | 0.0250 | ND | Toluene |
| | 04/19/24 | 04/18/24 | 1 | | 0.0250 | ND | o-Xylene |
| | 04/19/24 | 04/18/24 | 1 | | 0.0500 | ND | p,m-Xylene |
| | 04/19/24 | 04/18/24 | 1 | | 0.0250 | ND | Total Xylenes |
| | 04/19/24 | 04/18/24 | | 70-130 | 100 % | | Surrogate: Bromofluorobenzene |
| | 04/19/24 | 04/18/24 | | 70-130 | 101 % | | Surrogate: 1,2-Dichloroethane-d4 |
| | 04/19/24 | 04/18/24 | | 70-130 | 98.6 % | | Surrogate: Toluene-d8 |
| Batch: 2416097 | | : BA | Analyst: l | | mg/kg | mg/kg | Nonhalogenated Organics by EPA 8015D - GRO |
| | 04/19/24 | 04/18/24 | 1 | | 20.0 | ND | Gasoline Range Organics (C6-C10) |
| | 04/19/24 | 04/18/24 | | 70-130 | 100 % | | Surrogate: Bromofluorobenzene |
| | 04/19/24 | 04/18/24 | | 70-130 | 101 % | | Surrogate: 1,2-Dichloroethane-d4 |
| | 04/19/24 | 04/18/24 | | 70-130 | 98.6 % | | Surrogate: Toluene-d8 |
| Batch: 2416125 | | : NV | Analyst: 1 | | mg/kg | mg/kg | Nonhalogenated Organics by EPA 8015D - DRO/ORO |
| | 04/20/24 | 04/19/24 | 1 | | 25.0 | ND | Diesel Range Organics (C10-C28) |
| | 04/20/24 | 04/19/24 | 1 | | 50.0 | ND | Oil Range Organics (C28-C36) |
| | 04/20/24 | 04/19/24 | | 50-200 | 113 % | | Surrogate: n-Nonane |
| Batch: 2416106 | | : IY | Analyst: | | mg/kg | mg/kg | Anions by EPA 300.0/9056A |
| | 04/19/24 | 04/18/24 | 1 | | 20.0 | 71.0 | Chloride |
| /24 | 04/20/ | 04/19/24 : IY | Analyst: 1 | 50-200 | 113 % mg/kg | mg/kg | Surrogate: n-Nonane Anions by EPA 300.0/9056A |

| Matador Resources, LLC. | Project Name: | Voni West TB | |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 4/24/2024 3:01:59PM |

FS22 -0' E404158-18

| Analyte | Result | Reporting Limit | Dil | lution | Prepared | Analyzed | Notes |
|--|--------|--------------------|--------|---------|----------|--------------|-----------------|
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst | | - I mary zea | Batch: 2416097 |
| Benzene | ND | 0.0250 | | 1 | 04/18/24 | 04/19/24 | Butch: 2 110057 |
| Ethylbenzene | ND | 0.0250 | | 1 | 04/18/24 | 04/19/24 | |
| Toluene | ND | 0.0250 | | 1 | 04/18/24 | 04/19/24 | |
| o-Xylene | ND | 0.0250 | | 1 | 04/18/24 | 04/19/24 | |
| p,m-Xylene | ND | 0.0500 | | 1 | 04/18/24 | 04/19/24 | |
| Total Xylenes | ND | 0.0250 | | 1 | 04/18/24 | 04/19/24 | |
| Surrogate: Bromofluorobenzene | | 101 % | 70-130 | | 04/18/24 | 04/19/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 101 % | 70-130 | | 04/18/24 | 04/19/24 | |
| Surrogate: Toluene-d8 | | 98.8 % | 70-130 | | 04/18/24 | 04/19/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst | : BA | | Batch: 2416097 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 04/18/24 | 04/19/24 | |
| Surrogate: Bromofluorobenzene | | 101 % | 70-130 | | 04/18/24 | 04/19/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 101 % | 70-130 | | 04/18/24 | 04/19/24 | |
| Surrogate: Toluene-d8 | | 98.8 % | 70-130 | | 04/18/24 | 04/19/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst | : NV | | Batch: 2416125 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 04/19/24 | 04/20/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | 1 | 04/19/24 | 04/20/24 | |
| Surrogate: n-Nonane | | 109 % | 50-200 | · | 04/19/24 | 04/20/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst | : IY | | Batch: 2416106 |
| Chloride | 20.7 | 20.0 | | 1 | 04/18/24 | 04/19/24 | |

| Matador Resources, LLC. | Project Name: | Voni West TB | |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 4/24/2024 3:01:59PM |

FS23 -0' E404158-19

| | _ | Reporting | _ | | | |
|--|--------|-----------|--------|--------------|----------|----------------|
| Analyte | Result | Limit | Dilut | ion Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | А | Analyst: BA | | Batch: 2416097 |
| Benzene | ND | 0.0250 | 1 | 04/18/24 | 04/19/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/18/24 | 04/19/24 | |
| Toluene | ND | 0.0250 | 1 | 04/18/24 | 04/19/24 | |
| o-Xylene | ND | 0.0250 | 1 | 04/18/24 | 04/19/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/18/24 | 04/19/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/18/24 | 04/19/24 | |
| Surrogate: Bromofluorobenzene | | 102 % | 70-130 | 04/18/24 | 04/19/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 99.6 % | 70-130 | 04/18/24 | 04/19/24 | |
| Surrogate: Toluene-d8 | | 98.9 % | 70-130 | 04/18/24 | 04/19/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | А | Analyst: BA | | Batch: 2416097 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/18/24 | 04/19/24 | |
| Surrogate: Bromofluorobenzene | | 102 % | 70-130 | 04/18/24 | 04/19/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 99.6 % | 70-130 | 04/18/24 | 04/19/24 | |
| Surrogate: Toluene-d8 | | 98.9 % | 70-130 | 04/18/24 | 04/19/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Α | Analyst: NV | | Batch: 2416125 |
| Diesel Range Organics (C10-C28) | 47.1 | 25.0 | 1 | 04/19/24 | 04/20/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/19/24 | 04/20/24 | |
| Surrogate: n-Nonane | | 110 % | 50-200 | 04/19/24 | 04/20/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Α | Analyst: IY | | Batch: 2416106 |
| Chloride | 1560 | 20.0 | 1 | 04/18/24 | 04/19/24 | |
| | | | | | | |

Matador Resources, LLC.Project Name:Voni West TB5400 LBJ Freeway, Suite 1500Project Number:23003-C-0001Reported:Dallas TX, 75240Project Manager:Ashley Giovengo4/24/20243:01:59PM

FS24 -0' E404158-20

| | | 1101120 20 | | | | | |
|--|--------|--------------------|--------|----------|----------|----------|----------------|
| Analyte | Result | Reporting Limit | | ution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | | | Batch: 2416097 |
| Benzene | ND | 0.0250 | | 1 | 04/18/24 | 04/19/24 | Batem 2110077 |
| Ethylbenzene | ND | 0.0250 | | 1 | 04/18/24 | 04/19/24 | |
| Toluene | ND | 0.0250 | | 1 | 04/18/24 | 04/19/24 | |
| o-Xylene | ND | 0.0250 | | 1 | 04/18/24 | 04/19/24 | |
| p,m-Xylene | ND | 0.0500 | | 1 | 04/18/24 | 04/19/24 | |
| Total Xylenes | ND | 0.0250 | | 1 | 04/18/24 | 04/19/24 | |
| Surrogate: Bromofluorobenzene | | 102 % | 70-130 | | 04/18/24 | 04/19/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 103 % | 70-130 | | 04/18/24 | 04/19/24 | |
| Surrogate: Toluene-d8 | | 98.6 % | 70-130 | | 04/18/24 | 04/19/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: | BA | | Batch: 2416097 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 04/18/24 | 04/19/24 | |
| Surrogate: Bromofluorobenzene | | 102 % | 70-130 | | 04/18/24 | 04/19/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 103 % | 70-130 | | 04/18/24 | 04/19/24 | |
| Surrogate: Toluene-d8 | | 98.6 % | 70-130 | | 04/18/24 | 04/19/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | NV | | Batch: 2416125 |
| Diesel Range Organics (C10-C28) | 43.6 | 25.0 | | 1 | 04/19/24 | 04/20/24 | - |
| Oil Range Organics (C28-C36) | ND | 50.0 | | 1 | 04/19/24 | 04/20/24 | |
| Surrogate: n-Nonane | | 112 % | 50-200 | | 04/19/24 | 04/20/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2416106 |
| Chloride | 2170 | 20.0 | | 1 | 04/18/24 | 04/20/24 | |
| | | | | | | | |



| Matador Resources, LLC. | Project Name: | Voni West TB | |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 4/24/2024 3:01:59PM |

FS25 -0' E404158-21

| | | 2.0.100 21 | | | | | |
|--|--------|--------------------|--------|---------|----------|----------|----------------|
| Analyte | Result | Reporting Limit | | ution | Prepared | Analyzed | Notes |
| Marye | | | Dili | | • | Anaryzed | |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst | | | Batch: 2416098 |
| Benzene | ND | 0.0250 | | 1 | 04/18/24 | 04/18/24 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 04/18/24 | 04/18/24 | |
| Toluene | ND | 0.0250 | | 1 | 04/18/24 | 04/18/24 | |
| o-Xylene | ND | 0.0250 | | 1 | 04/18/24 | 04/18/24 | |
| p,m-Xylene | ND | 0.0500 | | 1 | 04/18/24 | 04/18/24 | |
| Total Xylenes | ND | 0.0250 | | 1 | 04/18/24 | 04/18/24 | |
| Surrogate: Bromofluorobenzene | | 92.6 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 92.2 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: Toluene-d8 | | 98.4 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst | RAS | | Batch: 2416098 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 04/18/24 | 04/18/24 | |
| Surrogate: Bromofluorobenzene | | 92.6 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 92.2 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: Toluene-d8 | | 98.4 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst | KM | | Batch: 2417002 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 04/22/24 | 04/22/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | 1 | 04/22/24 | 04/22/24 | |
| Surrogate: n-Nonane | | 117 % | 50-200 | · | 04/22/24 | 04/22/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst | DT | | Batch: 2416107 |
| Chloride | 389 | 20.0 | | 1 | 04/18/24 | 04/20/24 | |
| | | | | | | | |

| Matador Resources, LLC. | Project Name: | Voni West TB | |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 4/24/2024 3:01:59PM |

FS26 -0' E404158-22

| D 1 | | | | D 1 | | N. |
|--------|---|---|---|---|---|---|
| Result | Limit | Dilut | tion | Prepared | Analyzed | Notes |
| mg/kg | mg/kg | I | Analyst: R | AS | | Batch: 2416098 |
| ND | 0.0250 | 1 | ļ | 04/18/24 | 04/18/24 | |
| ND | 0.0250 | 1 | | 04/18/24 | 04/18/24 | |
| ND | 0.0250 | 1 | | 04/18/24 | 04/18/24 | |
| ND | 0.0250 | 1 | | 04/18/24 | 04/18/24 | |
| ND | 0.0500 | 1 | | 04/18/24 | 04/18/24 | |
| ND | 0.0250 | 1 | Į. | 04/18/24 | 04/18/24 | |
| | 93.9 % | 70-130 | | 04/18/24 | 04/18/24 | |
| | 96.5 % | 70-130 | | 04/18/24 | 04/18/24 | |
| | 99.5 % | 70-130 | | 04/18/24 | 04/18/24 | |
| mg/kg | mg/kg | I | Analyst: R | AS | | Batch: 2416098 |
| ND | 20.0 | 1 | l | 04/18/24 | 04/18/24 | |
| | 93.9 % | 70-130 | | 04/18/24 | 04/18/24 | |
| | 96.5 % | 70-130 | | 04/18/24 | 04/18/24 | |
| | 99.5 % | 70-130 | | 04/18/24 | 04/18/24 | |
| mg/kg | mg/kg | A | Analyst: K | M | | Batch: 2417002 |
| 139 | 25.0 | 1 | | 04/22/24 | 04/22/24 | |
| ND | 50.0 | 1 | | 04/22/24 | 04/22/24 | |
| | 113 % | 50-200 | | 04/22/24 | 04/22/24 | |
| mg/kg | mg/kg | A | Analyst: D | Т | | Batch: 2416107 |
| 421 | 20.0 | 1 | | 04/18/24 | 04/20/24 | |
| | ND Mg/kg ND mg/kg 139 ND | Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 93.9 % 96.5 % 99.5 % 99.5 % mg/kg mg/kg ND 20.0 93.9 % 96.5 % 99.5 % 99.5 % mg/kg mg/kg 139 25.0 ND 50.0 113 % mg/kg | mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 93.9 % 70-130 96.5 % 70-130 99.5 % 70-130 mg/kg mg/kg ND 20.0 93.9 % 70-130 96.5 % 70-130 99.5 % 70-130 mg/kg mg/kg 139 25.0 ND 50.0 113 % 50-200 mg/kg mg/kg | Result Limit Dilution mg/kg mg/kg Analyst: R ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0500 1 ND 0.0250 1 93.9 % 70-130 99.5 % 70-130 mg/kg mg/kg Analyst: R ND 20.0 1 93.9 % 70-130 70-130 99.5 % 70-130 99.5 % mg/kg mg/kg Analyst: K 139 25.0 1 ND 50.0 1 I13 % 50-200 mg/kg Analyst: D | Result Limit Dilution Prepared mg/kg mg/kg Analyst: RAS ND 0.0250 1 04/18/24 ND 0.0250 1 04/18/24 ND 0.0250 1 04/18/24 ND 0.0250 1 04/18/24 ND 0.0500 1 04/18/24 ND 0.0250 1 04/18/24 93.9 % 70-130 04/18/24 99.5 % 70-130 04/18/24 99.5 % 70-130 04/18/24 99.5 % 70-130 04/18/24 99.5 % 70-130 04/18/24 99.5 % 70-130 04/18/24 99.5 % 70-130 04/18/24 99.5 % 70-130 04/18/24 99.5 % 70-130 04/18/24 99.5 % 70-130 04/18/24 99.5 % 70-130 04/18/24 99.5 % 70-130 04/18/24 ND 50.0 1 </td <td>Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RAS ND 0.0250 1 04/18/24 04/18/24 ND 0.0500 1 04/18/24 04/18/24 ND 0.0250 1 04/18/24 04/18/24 ND 0.0250 1 04/18/24 04/18/24 93.9 % 70-130 04/18/24 04/18/24 96.5 % 70-130 04/18/24 04/18/24 99.5 % 70-130 04/18/24 04/18/24 93.9 % 70-130 04/18/24 04/18/24 96.5 % 70-130 04/18/24 04/18/24 99.5 % 70-130 04/18/24 04/18/24 99.5 % 70-130 04/18/24 04/18/24 90.5 %</td> | Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RAS ND 0.0250 1 04/18/24 04/18/24 ND 0.0500 1 04/18/24 04/18/24 ND 0.0250 1 04/18/24 04/18/24 ND 0.0250 1 04/18/24 04/18/24 93.9 % 70-130 04/18/24 04/18/24 96.5 % 70-130 04/18/24 04/18/24 99.5 % 70-130 04/18/24 04/18/24 93.9 % 70-130 04/18/24 04/18/24 96.5 % 70-130 04/18/24 04/18/24 99.5 % 70-130 04/18/24 04/18/24 99.5 % 70-130 04/18/24 04/18/24 90.5 % |



| Matador Resources, LLC. | Project Name: | Voni West TB | |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 4/24/2024 3:01:59PM |

FS27 -0' E404158-23

| | | Reporting | | | | |
|--|--------|-----------|--------------|---------------|----------|----------------|
| Analyte | Result | Limit | Dilut | tion Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | A | Analyst: RAS | | Batch: 2416098 |
| Benzene | ND | 0.0250 | 1 | 04/18/24 | 04/18/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/18/24 | 04/18/24 | |
| Toluene | ND | 0.0250 | 1 | 04/18/24 | 04/18/24 | |
| o-Xylene | ND | 0.0250 | 1 | 04/18/24 | 04/18/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/18/24 | 04/18/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/18/24 | 04/18/24 | |
| Surrogate: Bromofluorobenzene | | 94.4 % | 70-130 | 04/18/24 | 04/18/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 95.9 % | 70-130 | 04/18/24 | 04/18/24 | |
| Surrogate: Toluene-d8 | | 98.7 % | 70-130 | 04/18/24 | 04/18/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2416098 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/18/24 | 04/18/24 | |
| Surrogate: Bromofluorobenzene | | 94.4 % | 70-130 | 04/18/24 | 04/18/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 95.9 % | 70-130 | 04/18/24 | 04/18/24 | |
| Surrogate: Toluene-d8 | | 98.7 % | 70-130 | 04/18/24 | 04/18/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | A | Analyst: KM | | Batch: 2417002 |
| Diesel Range Organics (C10-C28) | 1130 | 25.0 | 1 | 04/22/24 | 04/22/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/22/24 | 04/22/24 | |
| Surrogate: n-Nonane | | 117 % | 50-200 | 04/22/24 | 04/22/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | A | Analyst: DT | | Batch: 2416107 |
| Chloride | 66.5 | 20.0 | 1 | 04/18/24 | 04/20/24 | |

| Matador Resources, LLC. | Project Name: | Voni West TB | |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 4/24/2024 3:01:59PM |

FS28 -0' E404158-24

| | | E404158-24 | | | | | |
|--|--------|------------|--------|--------------|----------|----------|----------------|
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dilu | tion | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | 1 | Analyst: RA | AS | | Batch: 2416098 |
| Benzene | ND | 0.0250 | 1 | [| 04/18/24 | 04/18/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | l | 04/18/24 | 04/18/24 | |
| Toluene | ND | 0.0250 | 1 | l | 04/18/24 | 04/18/24 | |
| p-Xylene | ND | 0.0250 | 1 | l | 04/18/24 | 04/18/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | l | 04/18/24 | 04/18/24 | |
| Total Xylenes | ND | 0.0250 | 1 | l | 04/18/24 | 04/18/24 | |
| Surrogate: Bromofluorobenzene | | 92.6 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 98.5 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: Toluene-d8 | | 96.4 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: RAS | | | Batch: 2416098 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | l | 04/18/24 | 04/18/24 | |
| Surrogate: Bromofluorobenzene | | 92.6 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 98.5 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: Toluene-d8 | | 96.4 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | 1 | Analyst: KN | М | | Batch: 2417002 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | l | 04/22/24 | 04/22/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | l | 04/22/24 | 04/22/24 | |
| Surrogate: n-Nonane | | 111 % | 50-200 | | 04/22/24 | 04/22/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | I | Analyst: D7 | Γ | | Batch: 2416107 |
| Chloride | 36.6 | 20.0 | 1 | | 04/18/24 | 04/20/24 | |



| Matador Resources, LLC. | Project Name: | Voni West TB | |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 4/24/2024 3:01:59PM |

FS29 -0' E404158-25

| | | 2.0.120 20 | | | | | |
|--|--------|--------------------|--------|--------------|----------|----------------|-----------------|
| Analyte | Result | Reporting Limit | Di | lution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst | | 7 111111) 224 | Batch: 2416098 |
| Benzene | ND | 0.0250 | | 1 | 04/18/24 | 04/18/24 | Butch: 2 110070 |
| Ethylbenzene | ND | 0.0250 | | 1 | 04/18/24 | 04/18/24 | |
| Toluene | ND | 0.0250 | | 1 | 04/18/24 | 04/18/24 | |
| o-Xylene | ND | 0.0250 | | 1 | 04/18/24 | 04/18/24 | |
| p,m-Xylene | ND | 0.0500 | | 1 | 04/18/24 | 04/18/24 | |
| Total Xylenes | ND | 0.0250 | | 1 | 04/18/24 | 04/18/24 | |
| Surrogate: Bromofluorobenzene | | 94.6 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 94.8 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: Toluene-d8 | | 98.5 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: RAS | | | Batch: 2416098 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 04/18/24 | 04/18/24 | |
| Surrogate: Bromofluorobenzene | | 94.6 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 94.8 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: Toluene-d8 | | 98.5 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst | : KM | | Batch: 2417002 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 04/22/24 | 04/22/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | 1 | 04/22/24 | 04/22/24 | |
| Surrogate: n-Nonane | · | 120 % | 50-200 | | 04/22/24 | 04/22/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst | : DT | | Batch: 2416107 |
| Chloride | 147 | 20.0 | | 1 | 04/18/24 | 04/20/24 | |

| Matador Resources, LLC. | Project Name: | Voni West TB | |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 4/24/2024 3:01:59PM |

FS30 -0' E404158-26

| D14 | Reporting | P.1 | | D | A | Noton |
|--------|---|--|---|---|---|---|
| Result | Limit | Dill | ution | Prepared | Analyzed | Notes |
| mg/kg | mg/kg | | Analyst: | RAS | | Batch: 2416098 |
| ND | 0.0250 | | 1 | 04/18/24 | 04/18/24 | |
| ND | 0.0250 | | 1 | 04/18/24 | 04/18/24 | |
| ND | 0.0250 | | 1 | 04/18/24 | 04/18/24 | |
| ND | 0.0250 | | 1 | 04/18/24 | 04/18/24 | |
| ND | 0.0500 | | 1 | 04/18/24 | 04/18/24 | |
| ND | 0.0250 | | 1 | 04/18/24 | 04/18/24 | |
| | 92.8 % | 70-130 | | 04/18/24 | 04/18/24 | |
| | 98.2 % | 70-130 | | 04/18/24 | 04/18/24 | |
| | 97.4 % | 70-130 | | 04/18/24 | 04/18/24 | |
| mg/kg | mg/kg | mg/kg | | RAS | Batch: 2416098 | |
| ND | 20.0 | | 1 | 04/18/24 | 04/18/24 | |
| | 92.8 % | 70-130 | | 04/18/24 | 04/18/24 | |
| | 98.2 % | 70-130 | | 04/18/24 | 04/18/24 | |
| | 97.4 % | 70-130 | | 04/18/24 | 04/18/24 | |
| mg/kg | mg/kg | | Analyst: | KM | | Batch: 2417002 |
| ND | 25.0 | | 1 | 04/22/24 | 04/22/24 | |
| ND | 50.0 | | 1 | 04/22/24 | 04/22/24 | |
| | 116 % | 50-200 | | 04/22/24 | 04/22/24 | |
| mg/kg | mg/kg | | Analyst: | DT | | Batch: 2416107 |
| 976 | 20.0 | | 1 | 04/18/24 | 04/20/24 | |
| | 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 92.8 % 98.2 % 97.4 % 97.4 % mg/kg mg/kg ND 20.0 92.8 % 98.2 % 97.4 % 97.4 % mg/kg mg/kg ND 25.0 ND 50.0 116 % 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 92.8 % 70-130 98.2 % 70-130 97.4 % 70-130 98.2 % 70-130 98.2 % 70-130 97.4 % 70-130 97.4 % 70-130 mg/kg mg/kg ND 25.0 ND 50.0 I16 % 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 92.8 % 70-130 98.2 % 70-130 97.4 % 70-130 mg/kg mg/kg Analyst: ND 97.4 % 70-130 mg/kg mg/kg Analyst: ND 116 % 50-200 mg/kg Mg/kg | Result Limit Dilution Prepared mg/kg mg/kg Analyst: RAS ND 0.0250 1 04/18/24 ND 0.0250 1 04/18/24 ND 0.0250 1 04/18/24 ND 0.0250 1 04/18/24 ND 0.0500 1 04/18/24 ND 0.0250 1 04/18/24 ND 0.0250 1 04/18/24 92.8 % 70-130 04/18/24 98.2 % 70-130 04/18/24 97.4 % 70-130 04/18/24 92.8 % 70-130 04/18/24 92.8 % 70-130 04/18/24 97.4 % 70-130 04/18/24 97.4 % 70-130 04/18/24 97.4 % 70-130 04/18/24 97.4 % 70-130 04/18/24 MD 25.0 1 04/22/24 ND 50.0 1 04/22/24 ND <td>Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RAS ND 0.0250 1 04/18/24 04/18/24 ND 0.0500 1 04/18/24 04/18/24 ND 0.0250 1 04/18/24 04/18/24 ND 0.0250 1 04/18/24 04/18/24 92.8 % 70-130 04/18/24 04/18/24 98.2 % 70-130 04/18/24 04/18/24 97.4 % 70-130 04/18/24 04/18/24 98.2 % 70-130 04/18/24 04/18/24 98.2 % 70-130 04/18/24 04/18/24 97.4 % 70-130 04/18/24 04/18/24 97.4 % 70-130 04/18/24 04/18/24 97.4 %</td> | Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RAS ND 0.0250 1 04/18/24 04/18/24 ND 0.0500 1 04/18/24 04/18/24 ND 0.0250 1 04/18/24 04/18/24 ND 0.0250 1 04/18/24 04/18/24 92.8 % 70-130 04/18/24 04/18/24 98.2 % 70-130 04/18/24 04/18/24 97.4 % 70-130 04/18/24 04/18/24 98.2 % 70-130 04/18/24 04/18/24 98.2 % 70-130 04/18/24 04/18/24 97.4 % 70-130 04/18/24 04/18/24 97.4 % 70-130 04/18/24 04/18/24 97.4 % |



| Matador Resources, LLC. | Project Name: | Voni West TB | |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 4/24/2024 3:01:59PM |

FS31 -0' E404158-27

| | | Reporting | | | | |
|--|--------|-----------|--------|--------------|----------|----------------|
| Analyte | Result | Limit | Dilut | ion Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | Α | Analyst: RAS | | Batch: 2416098 |
| Benzene | ND | 0.0250 | 1 | 04/18/24 | 04/18/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/18/24 | 04/18/24 | |
| Toluene | ND | 0.0250 | 1 | 04/18/24 | 04/18/24 | |
| o-Xylene | ND | 0.0250 | 1 | 04/18/24 | 04/18/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/18/24 | 04/18/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/18/24 | 04/18/24 | |
| Surrogate: Bromofluorobenzene | | 94.1 % | 70-130 | 04/18/24 | 04/18/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 103 % | 70-130 | 04/18/24 | 04/18/24 | |
| Surrogate: Toluene-d8 | | 99.8 % | 70-130 | 04/18/24 | 04/18/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Α | Analyst: RAS | | Batch: 2416098 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/18/24 | 04/18/24 | |
| Surrogate: Bromofluorobenzene | | 94.1 % | 70-130 | 04/18/24 | 04/18/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 103 % | 70-130 | 04/18/24 | 04/18/24 | |
| Surrogate: Toluene-d8 | | 99.8 % | 70-130 | 04/18/24 | 04/18/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Α | Analyst: KM | | Batch: 2417002 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/22/24 | 04/22/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/22/24 | 04/22/24 | |
| Surrogate: n-Nonane | | 112 % | 50-200 | 04/22/24 | 04/22/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Α | Analyst: DT | | Batch: 2416107 |
| Chloride | 236 | 20.0 | 1 | 04/18/24 | 04/20/24 | |
| | | | | | | |



| Matador Resources, LLC. | Project Name: | Voni West TB | |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 4/24/2024 3:01:59PM |

FS32 -0' E404158-28

| | | Reporting | | | | | |
|--|--------|-----------|--------|------------|----------|----------|----------------|
| Analyte | Result | Limit | Dilu | tion | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | 1 | Analyst: F | RAS | | Batch: 2416098 |
| Benzene | ND | 0.0250 | 1 | | 04/18/24 | 04/18/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | | 04/18/24 | 04/18/24 | |
| Toluene | ND | 0.0250 | 1 | | 04/18/24 | 04/18/24 | |
| o-Xylene | ND | 0.0250 | 1 | | 04/18/24 | 04/18/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | | 04/18/24 | 04/18/24 | |
| Total Xylenes | ND | 0.0250 | 1 | | 04/18/24 | 04/18/24 | |
| Surrogate: Bromofluorobenzene | | 94.4 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 98.7 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: Toluene-d8 | | 98.9 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | 1 | Analyst: F | RAS | | Batch: 2416098 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | | 04/18/24 | 04/18/24 | |
| Surrogate: Bromofluorobenzene | | 94.4 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 98.7 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: Toluene-d8 | | 98.9 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | 1 | Analyst: K | KΜ | | Batch: 2417002 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | | 04/22/24 | 04/22/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | <u> </u> | 04/22/24 | 04/22/24 | |
| Surrogate: n-Nonane | | 113 % | 50-200 | | 04/22/24 | 04/22/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | 1 | Analyst: Γ | OT | | Batch: 2416107 |
| Chloride | 548 | 20.0 | | | 04/18/24 | 04/20/24 | |

| Matador Resources, LLC. | Project Name: | Voni West TB | |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 4/24/2024 3:01:59PM |

FS33 -0' E404158-29

| | | Reporting | | | | | |
|--|--------|-----------|--------|------------|----------|----------|----------------|
| Analyte | Result | Limit | Dilut | tion | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | A | Analyst: I | RAS | | Batch: 2416098 |
| Benzene | ND | 0.0250 | 1 | | 04/18/24 | 04/18/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | | 04/18/24 | 04/18/24 | |
| Toluene | ND | 0.0250 | 1 | | 04/18/24 | 04/18/24 | |
| o-Xylene | ND | 0.0250 | 1 | | 04/18/24 | 04/18/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | | 04/18/24 | 04/18/24 | |
| Total Xylenes | ND | 0.0250 | 1 | | 04/18/24 | 04/18/24 | |
| Surrogate: Bromofluorobenzene | | 93.4 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 99.4 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: Toluene-d8 | | 98.1 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Α | Analyst: I | RAS | | Batch: 2416098 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | | 04/18/24 | 04/18/24 | |
| Surrogate: Bromofluorobenzene | | 93.4 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 99.4 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: Toluene-d8 | | 98.1 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Α | Analyst: I | ΚM | | Batch: 2417002 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | | 04/22/24 | 04/22/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | | 04/22/24 | 04/22/24 | |
| Surrogate: n-Nonane | | 121 % | 50-200 | | 04/22/24 | 04/22/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | A | Analyst: I | OT | | Batch: 2416107 |
| Chloride | 424 | 20.0 | 1 | | 04/18/24 | 04/20/24 | |

| Matador Resources, LLC. | Project Name: | Voni West TB | |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 4/24/2024 3:01:59PM |

FS34 -0' E404158-30

| | | 2.0.10000 | | | | | |
|--|--------|--------------------|--------|----------|----------|----------|----------------|
| Austra | D14 | Reporting Limit | | ution | D 4 | A l | Notes |
| Analyte | Result | Limit | Dili | ution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | RAS | | Batch: 2416098 |
| Benzene | ND | 0.0250 | | 1 | 04/18/24 | 04/18/24 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 04/18/24 | 04/18/24 | |
| Toluene | ND | 0.0250 | | 1 | 04/18/24 | 04/18/24 | |
| o-Xylene | ND | 0.0250 | | 1 | 04/18/24 | 04/18/24 | |
| p,m-Xylene | ND | 0.0500 | | 1 | 04/18/24 | 04/18/24 | |
| Total Xylenes | ND | 0.0250 | | 1 | 04/18/24 | 04/18/24 | |
| Surrogate: Bromofluorobenzene | | 91.8 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 102 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: Toluene-d8 | | 100 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: | RAS | | Batch: 2416098 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 04/18/24 | 04/18/24 | |
| Surrogate: Bromofluorobenzene | | 91.8 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 102 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Surrogate: Toluene-d8 | | 100 % | 70-130 | | 04/18/24 | 04/18/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | KM | | Batch: 2417002 |
| Diesel Range Organics (C10-C28) | 26.8 | 25.0 | | 1 | 04/22/24 | 04/22/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | 1 | 04/22/24 | 04/22/24 | |
| Surrogate: n-Nonane | | 121 % | 50-200 | | 04/22/24 | 04/22/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | DT | | Batch: 2416107 |
| Chloride | 438 | 20.0 | _ | 1 | 04/18/24 | 04/20/24 | <u> </u> |
| | | | | | | | |



Matador Resources, LLC. Project Name: Voni West TB Reported:
5400 LBJ Freeway, Suite 1500 Project Number: 23003-C-0001
Dallas TX, 75240 Project Manager: Ashley Giovengo 4/24/2024 3:01:59PM

| Dallas TX, 75240 | | Project Manage | r: As | shley Gioveng | go | | | 4/2 | 4/2024 3:01:59PM |
|----------------------------------|--------|----------------|----------|---------------|-----------|--------|--------------|--------------|------------------|
| | V | olatile Organ | ic Compo | unds by EI | PA 8260I | 3 | | | Analyst: BA |
| Analyte | | Reporting | Spike | Source | | Rec | | RPD | |
| • | Result | Limit | Level | Result | Rec | Limits | RPD | Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2416097-BLK1) | | | | | | | Prepared: 0- | 4/18/24 Anal | yzed: 04/18/24 |
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| -Xylene | ND | 0.0250 | | | | | | | |
| ,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| Surrogate: Bromofluorobenzene | 0.507 | | 0.500 | | 101 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.490 | | 0.500 | | 98.0 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.500 | | 0.500 | | 99.9 | 70-130 | | | |
| LCS (2416097-BS1) | | | | | | | Prepared: 0 | 4/18/24 Anal | yzed: 04/18/24 |
| Benzene | 2.67 | 0.0250 | 2.50 | | 107 | 70-130 | | | |
| Ethylbenzene | 2.60 | 0.0250 | 2.50 | | 104 | 70-130 | | | |
| Toluene | 2.50 | 0.0250 | 2.50 | | 100 | 70-130 | | | |
| -Xylene | 2.64 | 0.0250 | 2.50 | | 106 | 70-130 | | | |
| o,m-Xylene | 5.14 | 0.0500 | 5.00 | | 103 | 70-130 | | | |
| Total Xylenes | 7.78 | 0.0250 | 7.50 | | 104 | 70-130 | | | |
| Gurrogate: Bromofluorobenzene | 0.494 | | 0.500 | | 98.7 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.491 | | 0.500 | | 98.2 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.497 | | 0.500 | | 99.3 | 70-130 | | | |
| Matrix Spike (2416097-MS1) | | | | Source: | E404158-1 | 12 | Prepared: 0 | 4/18/24 Anal | yzed: 04/18/24 |
| Benzene | 2.40 | 0.0250 | 2.50 | ND | 96.1 | 48-131 | | | |
| Ethylbenzene | 2.34 | 0.0250 | 2.50 | ND | 93.7 | 45-135 | | | |
| Toluene | 2.26 | 0.0250 | 2.50 | ND | 90.4 | 48-130 | | | |
| o-Xylene | 2.39 | 0.0250 | 2.50 | ND | 95.6 | 43-135 | | | |
| ,m-Xylene | 4.63 | 0.0500 | 5.00 | ND | 92.6 | 43-135 | | | |
| otal Xylenes | 7.02 | 0.0250 | 7.50 | ND | 93.6 | 43-135 | | | |
| Surrogate: Bromofluorobenzene | 0.497 | | 0.500 | | 99.4 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.496 | | 0.500 | | 99.2 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.494 | | 0.500 | | 98.8 | 70-130 | | | |
| Matrix Spike Dup (2416097-MSD1) | | | | Source: | E404158-1 | 12 | Prepared: 0 | | yzed: 04/23/24 |
| Benzene | 2.68 | 0.0250 | 2.50 | ND | 107 | 48-131 | 11.0 | 23 | |
| Ethylbenzene | 2.59 | 0.0250 | 2.50 | ND | 103 | 45-135 | 9.98 | 27 | |
| Coluene | 2.50 | 0.0250 | 2.50 | ND | 100 | 48-130 | 10.1 | 24 | |
| o-Xylene | 2.59 | 0.0250 | 2.50 | ND | 103 | 43-135 | 7.90 | 27 | |
| o,m-Xylene | 5.04 | 0.0500 | 5.00 | ND | 101 | 43-135 | 8.45 | 27 | |
| Total Xylenes | 7.63 | 0.0250 | 7.50 | ND | 102 | 43-135 | 8.26 | 27 | |
| Surrogate: Bromofluorobenzene | 0.495 | | 0.500 | | 99.0 | 70-130 | | | |



0.500

0.500

98.5

99.0

70-130

70-130

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

0.493

0.495

Matador Resources, LLC.Project Name:Voni West TBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-C-0001Dallas TX, 75240Project Manager:Ashley Giovengo4/24/2024 3:01:59PM

| 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 (2416098-BLK1) | | | | | | | Prepared: 0 | 4/18/24 Anal | yzed: 04/18/24 |
| 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 | 0.463 | | 0.500 | | 92.5 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.497 | | 0.500 | | 99.4 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.503 | | 0.500 | | 101 | 70-130 | | | |
| LCS (2416098-BS1) | | | | | | | Prepared: 0 | 4/18/24 Analy | yzed: 04/18/24 |
| Benzene | 2.09 | 0.0250 | 2.50 | | 83.4 | 70-130 | | | |
| Ethylbenzene | 2.13 | 0.0250 | 2.50 | | 85.4 | 70-130 | | | |
| Toluene | 2.24 | 0.0250 | 2.50 | | 89.6 | 70-130 | | | |
| o-Xylene | 2.20 | 0.0250 | 2.50 | | 87.9 | 70-130 | | | |
| p,m-Xylene | 4.40 | 0.0500 | 5.00 | | 88.0 | 70-130 | | | |
| Total Xylenes | 6.60 | 0.0250 | 7.50 | | 88.0 | 70-130 | | | |
| Surrogate: Bromofluorobenzene | 0.470 | | 0.500 | | 93.9 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.471 | | 0.500 | | 94.2 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.485 | | 0.500 | | 97.0 | 70-130 | | | |
| Matrix Spike (2416098-MS1) | | | | Source: | E404158- | 28 | Prepared: 0 | 4/18/24 Anal | yzed: 04/18/24 |
| Benzene | 2.18 | 0.0250 | 2.50 | ND | 87.3 | 48-131 | | | |
| Ethylbenzene | 2.13 | 0.0250 | 2.50 | ND | 85.2 | 45-135 | | | |
| Toluene | 2.26 | 0.0250 | 2.50 | ND | 90.5 | 48-130 | | | |
| o-Xylene | 2.16 | 0.0250 | 2.50 | ND | 86.5 | 43-135 | | | |
| p,m-Xylene | 4.36 | 0.0500 | 5.00 | ND | 87.2 | 43-135 | | | |
| Total Xylenes | 6.52 | 0.0250 | 7.50 | ND | 87.0 | 43-135 | | | |
| Surrogate: Bromofluorobenzene | 0.477 | | 0.500 | | 95.4 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.505 | | 0.500 | | 101 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.497 | | 0.500 | | 99.4 | 70-130 | | | |
| Matrix Spike Dup (2416098-MSD1) | | | | Source: | E404158- | 28 | Prepared: 0 | 4/18/24 Anal | yzed: 04/18/24 |
| Benzene | 2.30 | 0.0250 | 2.50 | ND | 92.0 | 48-131 | 5.18 | 23 | |
| Ethylbenzene | 2.26 | 0.0250 | 2.50 | ND | 90.6 | 45-135 | 6.10 | 27 | |
| Toluene | 2.42 | 0.0250 | 2.50 | ND | 96.8 | 48-130 | 6.73 | 24 | |
| o-Xylene | 2.28 | 0.0250 | 2.50 | ND | 91.2 | 43-135 | 5.31 | 27 | |
| p,m-Xylene | 4.58 | 0.0500 | 5.00 | ND | 91.6 | 43-135 | 4.92 | 27 | |
| Total Xylenes | 6.86 | 0.0250 | 7.50 | ND | 91.5 | 43-135 | 5.05 | 27 | |
| Surrogate: Bromofluorobenzene | 0.479 | | 0.500 | | 95.8 | 70-130 | | | |
| | | | 0.500 | | 101 | 50.130 | | | |



0.500

0.500

101

99.6

70-130

70-130

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

0.504

0.498

Matador Resources, LLC.Project Name:Voni West TBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-C-0001Dallas TX, 75240Project Manager:Ashley Giovengo4/24/2024 3:01:59PM

| 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 |

| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
|---|---------------------------------|-------|---------------------------------|------------|--|--|--------------|---------------------|--|
| Blank (2416097-BLK1) | | | | | | | Prepared: 04 | 1/18/24 | Analyzed: 04/18/24 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: Bromofluorobenzene | 0.507 | | 0.500 | | 101 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.490 | | 0.500 | | 98.0 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.500 | | 0.500 | | 99.9 | 70-130 | | | |
| LCS (2416097-BS2) | | | | | | | Prepared: 04 | 1/18/24 | Analyzed: 04/18/24 |
| Gasoline Range Organics (C6-C10) | 50.3 | 20.0 | 50.0 | | 101 | 70-130 | | | |
| Surrogate: Bromofluorobenzene | 0.518 | | 0.500 | | 104 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.488 | | 0.500 | | 97.5 | 70-130 | | | |
| G . T I IO | 0.501 | | 0.500 | | 100 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.501 | | 0.500 | | 100 | 70-130 | | | |
| Matrix Spike (2416097-MS2) | 0.301 | | 0.300 | Source: | E404158-1 | | Prepared: 04 | 1/18/24 | Analyzed: 04/19/24 |
| | 52.9 | 20.0 | 50.0 | Source: | | | Prepared: 04 | 1/18/24 | Analyzed: 04/19/24 |
| Matrix Spike (2416097-MS2) | | 20.0 | | | E404158-1 | 12 | Prepared: 04 | 1/18/24 | Analyzed: 04/19/24 |
| Matrix Spike (2416097-MS2) Gasoline Range Organics (C6-C10) | 52.9 | 20.0 | 50.0 | | E404158-1 | 70-130 | Prepared: 04 | 1/18/24 | Analyzed: 04/19/24 |
| Matrix Spike (2416097-MS2) Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene | 52.9 0.512 | 20.0 | 50.0 | | E404158-1 | 70-130 70-130 | Prepared: 04 | 4/18/24 | Analyzed: 04/19/24 |
| Matrix Spike (2416097-MS2) Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 | 52.9 0.512 0.479 | 20.0 | 50.0 0.500 0.500 | ND | 106 102 95.8 | 70-130 70-130 70-130 70-130 | 1 | | |
| Matrix Spike (2416097-MS2) Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 | 52.9 0.512 0.479 | 20.0 | 50.0 0.500 0.500 | ND | 106 102 95.8 99.1 | 70-130 70-130 70-130 70-130 | 1 | | Analyzed: 04/19/24 Analyzed: 04/18/24 R3 |
| Matrix Spike (2416097-MS2) Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2416097-MSD2) | 52.9 0.512 0.479 0.496 | | 50.0 0.500 0.500 0.500 | ND Source: | E404158-1 106 102 95.8 99.1 E404158-1 | 70-130 70-130 70-130 70-130 70-130 | Prepared: 04 | 1 /18/24 | Analyzed: 04/18/24 |
| Matrix Spike (2416097-MS2) Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2416097-MSD2) Gasoline Range Organics (C6-C10) | 52.9 0.512 0.479 0.496 | | 50.0 0.500 0.500 0.500 | ND Source: | E404158-1 106 102 95.8 99.1 E404158-1 82.4 | 70-130 70-130 70-130 70-130 12 | Prepared: 04 | 1 /18/24 | Analyzed: 04/18/24 |



QC Summary Data

Voni West TB Matador Resources, LLC. Project Name: Reported: 5400 LBJ Freeway, Suite 1500 23003-C-0001 Project Number: Dallas TX 75240 4/24/2024 3:01:59PM Project Manager Ashley Giovengo

| Dallas TX, 75240 | | Project Manage | r: As | shley Gioveng | go | | | 4/2 | 4/2024 3:01:59PM |
|---|--------|--------------------|----------------|------------------|----------|---------------|-------------|---------------|------------------|
| Nonhalogenated Organics by EPA 8015D - GRO Analy | | | | | | | | | |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2416098-BLK1) | | | | | | | Prepared: 0 | 4/18/24 Analy | yzed: 04/18/24 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: Bromofluorobenzene | 0.463 | | 0.500 | | 92.5 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.497 | | 0.500 | | 99.4 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.503 | | 0.500 | | 101 | 70-130 | | | |
| LCS (2416098-BS2) | | | | | | | Prepared: 0 | 4/18/24 Anal | yzed: 04/18/24 |
| Gasoline Range Organics (C6-C10) | 53.4 | 20.0 | 50.0 | | 107 | 70-130 | | | |
| Surrogate: Bromofluorobenzene | 0.478 | | 0.500 | | 95.5 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.480 | | 0.500 | | 95.9 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.512 | | 0.500 | | 102 | 70-130 | | | |
| Matrix Spike (2416098-MS2) | | | | Source: | E404158- | 28 | Prepared: 0 | 4/18/24 Analy | yzed: 04/18/24 |
| Gasoline Range Organics (C6-C10) | 54.0 | 20.0 | 50.0 | ND | 108 | 70-130 | | | |
| Surrogate: Bromofluorobenzene | 0.467 | | 0.500 | | 93.4 | 70-130 | | | |

| Surrogate: 1,2-Dichloroethane-d4 | 0.489 | | 0.500 | | 97.8 | 70-130 | | | |
|----------------------------------|-------|------|-------|---------|----------|--------|--------------|---------------|----------------|
| Surrogate: Toluene-d8 | 0.505 | | 0.500 | | 101 | 70-130 | | | |
| Matrix Spike Dup (2416098-MSD2) | | | | Source: | E404158- | 28 | Prepared: 0- | 4/18/24 Analy | yzed: 04/18/24 |
| Gasoline Range Organics (C6-C10) | 53.0 | 20.0 | 50.0 | ND | 106 | 70-130 | 1.81 | 20 | |
| Surrogate: Bromofluorobenzene | 0.472 | | 0.500 | | 94.3 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.494 | | 0.500 | | 98.8 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.507 | | 0.500 | | 101 | 70-130 | | | |
| | | | | | | | | | |

| Matador Resources, LLC. | Project Name: | Voni West TB | Reported: |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | • |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 4/24/2024 3:01:59PM |

| Dallas 1A, /3240 | | Project Manage | r: As | sniey Gloveng | 30 | | | 4/ | 24/2024 3.01.39FN |
|---------------------------------|--------|--------------------|----------------|------------------|----------|---------------|-------------|--------------|-------------------|
| | Nonha | logenated Or | ganics by l | EPA 8015I | D - DRO | /ORO | | | Analyst: NV |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2416125-BLK1) | | | | | | | Prepared: 0 | 4/19/24 Ana | lyzed: 04/20/24 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 52.8 | | 50.0 | | 106 | 50-200 | | | |
| LCS (2416125-BS1) | | | | | | | Prepared: 0 | 4/19/24 Ana | lyzed: 04/20/24 |
| Diesel Range Organics (C10-C28) | 248 | 25.0 | 250 | | 99.3 | 38-132 | | | |
| Surrogate: n-Nonane | 52.9 | | 50.0 | | 106 | 50-200 | | | |
| Matrix Spike (2416125-MS1) | | | | Source: | E404158- | 06 | Prepared: 0 | 4/19/24 Ana | lyzed: 04/23/24 |
| Diesel Range Organics (C10-C28) | 429 | 25.0 | 250 | 176 | 101 | 38-132 | | | |
| Surrogate: n-Nonane | 53.8 | | 50.0 | | 108 | 50-200 | | | |
| Matrix Spike Dup (2416125-MSD1) | | | | Source: | E404158- | 06 | Prepared: 0 | 4/19/24 Ana | lyzed: 04/23/24 |
| Diesel Range Organics (C10-C28) | 433 | 25.0 | 250 | 176 | 103 | 38-132 | 0.922 | 20 | |
| Surrogate: n-Nonane | 54.1 | | 50.0 | | 108 | 50-200 | | | |
| <u> </u> | | | | | | | | | |



| Matador Resources, LLC. | Project Name: | Voni West TB | Reported: |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | • |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 4/24/2024 3:01:59PM |

| Danas 1X, 73240 | | 1 Toject Wianage | 7.5 | sincy Gloveng | 50 | | | | 21/2021 9:01:9911 |
|---------------------------------|--------|--------------------|----------------|------------------|-----------|---------------|-------------|--------------|-------------------|
| | 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 (2417002-BLK1) | | | | | | | Prepared: 0 | 4/22/24 Ana | lyzed: 04/22/24 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 58.7 | | 50.0 | | 117 | 50-200 | | | |
| LCS (2417002-BS1) | | | | | | | Prepared: 0 | 4/22/24 Ana | lyzed: 04/22/24 |
| Diesel Range Organics (C10-C28) | 284 | 25.0 | 250 | | 114 | 38-132 | | | |
| Surrogate: n-Nonane | 59.6 | | 50.0 | | 119 | 50-200 | | | |
| Matrix Spike (2417002-MS1) | | | | Source: | E404158-2 | 23 | Prepared: 0 | 4/22/24 Ana | lyzed: 04/22/24 |
| Diesel Range Organics (C10-C28) | 1390 | 25.0 | 250 | 1130 | 104 | 38-132 | | | |
| Surrogate: n-Nonane | 59.8 | | 50.0 | | 120 | 50-200 | | | |
| Matrix Spike Dup (2417002-MSD1) | | | | Source: | E404158-2 | 23 | Prepared: 0 | 4/22/24 Ana | lyzed: 04/22/24 |
| Diesel Range Organics (C10-C28) | 1420 | 25.0 | 250 | 1130 | 115 | 38-132 | 1.85 | 20 | |
| Surrogate: n-Nonane | 60.0 | | 50.0 | | 120 | 50-200 | | | |

Analyte

| Matador Resources, LLC. | Project Name: | Voni West TB | Reported: |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | · |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 4/24/2024 3:01:59PM |

| | Anions | bv | EPA | 300. | .0/9056A |
|--|--------|----|-----|------|----------|
|--|--------|----|-----|------|----------|

| | Anions by EPA 300.0/9056A | | | | | | | | |
|--------|---------------------------|----------------|------------------|-----|---------------|-----|--------------|----|--|
| Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | | |
| /1 | | /1 | /1 | 0/ | 0/ | 0./ | 0/ | 37 | |

| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
|---------------------------------|-------|-------|-------|---------|-----------|--------|--------------|-------------|-----------------|
| Blank (2416106-BLK1) | | | | | | | Prepared: 04 | 4/18/24 Ana | yzed: 04/19/24 |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2416106-BS1) | | | | | | | Prepared: 04 | 4/18/24 Ana | lyzed: 04/19/24 |
| Chloride | 251 | 20.0 | 250 | | 100 | 90-110 | | | |
| Matrix Spike (2416106-MS1) | | | | Source: | E404158-0 |)9 | Prepared: 04 | 4/18/24 Ana | lyzed: 04/19/24 |
| Chloride | 860 | 20.0 | 250 | 621 | 95.6 | 80-120 | | | |
| Matrix Spike Dup (2416106-MSD1) | | | | Source: | E404158-0 |)9 | Prepared: 04 | 4/18/24 Ana | lyzed: 04/19/24 |
| Chloride | 870 | 20.0 | 250 | 621 | 99.6 | 80-120 | 1.14 | 20 | |

Analyte

QC Summary Data

| Matador Resources, LLC. | Project Name: | Voni West TB | Reported: |
|------------------------------|------------------|-----------------|---------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | · |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 4/24/2024 3:01:59PM |

| | | Anions l | by EPA 300 |).0/9056A | | | | | Analyst: DT |
|----|--------|--------------------|----------------|------------------|-----|---------------|-----|--------------|-------------|
| re | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |

| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
|---------------------------------|-------|-------|-------|---------|-----------|--------|--------------|-------------|------------------|
| Blank (2416107-BLK1) | | | | | | | Prepared: 04 | 1/18/24 Ana | alyzed: 04/20/24 |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2416107-BS1) | | | | | | | Prepared: 04 | 1/18/24 Ana | alyzed: 04/20/24 |
| Chloride | 252 | 20.0 | 250 | | 101 | 90-110 | | | |
| Matrix Spike (2416107-MS1) | | | | Source: | E404158-2 | 24 | Prepared: 04 | 1/18/24 Ana | alyzed: 04/20/24 |
| Chloride | 287 | 20.0 | 250 | 36.6 | 100 | 80-120 | | | |
| Matrix Spike Dup (2416107-MSD1) | | | | Source: | E404158-2 | 24 | Prepared: 04 | 1/18/24 Ana | alyzed: 04/20/24 |
| Chloride | 290 | 20.0 | 250 | 36.6 | 101 | 80-120 | 1.17 | 20 | |

QC Summary Report Comment:

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



Definitions and Notes

| I | Matador Resources, LLC. | Project Name: | Voni West TB | |
|---|------------------------------|------------------|-----------------|----------------|
| I | 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-C-0001 | Reported: |
| l | Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 04/24/24 15:01 |

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

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



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| | OCD: |
| | 5/29/2024 |
| | 2:07:07 |
| | PM |

| Client: A | <u>Matador Pro</u> | atador Production Company Bill To | | | | | | | | Lab Use Only TAT E | | | | | | EPA P | rogram | | | | | | |
|---|---------------------------------------|-----------------------------------|----------------------|---------------|--------------|--------------|---------------------------------------|------------------|--------------------|--------------------|----------------------------|--------------|-------------|-------------|----------------|----------|--------|----------|--------|--------|-----------------------------------|---------------|---------|
| <u> oject:</u> | Voni Wes | | | | | | n: Ensolum LLC | · | | Lab | WO# | | n | Job I | lum | ber | . 1 | D 21 | 30 | St | andard | CWA | SDWA |
| Poject N | Manager: As | hley Giov | engo . | | | Address: | on file | | | IE S | 400 | t15 | D | 23(| B- | C-00 | דע | | | | Χ | | |
| ** | 3122 Natio | | | | | City, State | e, Zip: | | | | | | | Analy: | sis ar | d Met | rod | | | | | | RCRA |
| Sity, Stat | e, Zip: Carls | sbad NM, | 88220 | | | Phone: 5 | 75-988-0055 | | | | à | | | | | Т | \top | T | | T | 1 | | |
| one: ! | 575-988-005 | 55 | | | | Email: ag | giovengo@enso | lum.com | | | 8 | | | | | | - | | j | | | State | |
| Enail: agiovengo@ensolum.com | | | | | | | | | 1 | lŏ l | 1 | _ | 1 1 | 9 | - | | Ş | - | | NMI CO | UT AZ | TX | |
| Report d | ue by: | | | | | | l | | 805 | 92 | 8 | 8 | <u> </u> | - 1 | | | | × | | | | | |
| Time Time | Date Sampled | Matrix | No. of Containers | Sample ID | | | | | Lab Number | | трн GRO/DRO/ORO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | тсео трн | | 9655 | 2009 | | | Remarks | |
| \$5 9:26 | 4/16/2024 | S | 1 | | | FS05 | - 0' | | it | | | | | | | | | K | | | | | |
| 9:29 | 4/16/2024 | s | 1 | | | FS06 | - 0' | | 2 | | | | | | | | | ĸ | | | | | |
| 9:31 | 4/16/2024 | S | 1 | | | FS07 | ' - 0' | | 3 | | | | | | | | 7 | K | | | | | |
| 9:33 | 4/16/2024 | S | 1 | | | FS08 | O' | | 4 | | | | | | | | 1 | K | | | | | |
| 9:35 | 4/16/2024 | s | 1 | | | FS09 | - 0' | | 5 | | | | | | | | : | K | | | | | |
| 9:37 | 4/16/2024 | S | 1 | | | FS10 |) - 0' | | 6 | | | | | | | | 7 | K | | | | | |
| 9:41 | 4/16/2024 | s | 1 | | | FS11 | . - 0' | | 7 | | | | | | | | 7 | < | | | | • | |
| 9:42 | 4/16/2024 | s | 1 | | | FS12 | - 0' | | 8 | | | | | | | | 7 | (| | | | | |
| 9:44 | 4/16/2024 | s | 1 | | | FS13 | - 0' | | 9 | | | | | | | | 7 | (| | | | | |
| 9:46 | 4/16/2024 | S | 1 | | | FS14 | , - 0' | | 10 | | | | | | | | 1 | (| | | | | |
| Addition | al Instructio | ns: Plea | se CC: cl | ourton@e | nsolum.c | om, agiov | vengo@ensolun | m.com, cha | milton@e | nsol | um.c | om, | estr | ella@ | ens | olum.c | om | | 1 | نسيب | <u> </u> | | |
| | pler), attest to the of collection is | | | | | | pering with or intention | onally mislabell | | le loca | tion, | | | | | | | | | | on ice the day an 6°C on subse | | ed or |
| Relinquish | ed by: (Signatu | re) | Date | | Time | Receiv | ved by: (Signature) | A | Date | | Time | | | | | | | Lab | Jse O | nly | · | | |
| Relinquished by: (Signature) Date Time Received by: (Signature) 4/17/2 # 9:30 Nightle Gongales | | | | | | | | 14-17 2 | 4 | 10 | 930 |) | Rece | ived | on ice | : | Ø/ | | • | | | | |
| Relinquish | ed by: (Signatu | manle | Date | 724 | Time 1617 | Recei | ved by: (Signature) | lQ. | Date 4.17 . | | Time | 73 | | T1_ | | | · | | | i. | / T3 | | |
| Relinguish | ed by: (Signatu | irg)g | " Date | | Time | Receiv | ved by: (Signature) | | Date | Ž | Time | | _ | | | | 11 | | | | , | | 1 |
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| Sample Mar | trix: S - Soil, Sd - | | | eous, O - Oth | er | | · · · · · · · · · · · · · · · · · · · | | Containe | r Type | e: g - s | glass, | | | | | nber | glass | v - VC | A | | | |
| | | | | | | other arrang | gements are made. | . Hazardous s | | | | | | | | | | | | | ort for the a | nalusis of th | a abovo |



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

Page 122 of 156

Collent 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.

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| Poject: | Voni Wes | | | | | <u>tention: Ensolu</u> | m LLC | | Lab | WO# | | | Job N | lum | ber | | 1D | 2D | 3D | Sta | andard | CWA | SDWA |
| | Manager: As | | - | | | dress: on file | | | E | 107 | 115 | 8 | <i>23</i> 0 | <u>B-(</u> | -00 | 0 [| | | | | Х | | |
| - | 3122 Natio | | | | | y, State, Zip: | | | <u> </u> | | | | Analys | is ar | d Me | thod | | | | | | | RCRA |
| 1 | e, Zip: Carls | | 88220 | | | one: 575-988-00 | | | ł | ρ | | | | | | • | l | | | | | | |
| _ | 575-988-005 | | | | <u>E</u> r | nail: agiovengo@ | Pensolum.com | | 1 | QK | | | | ı | | 1 | | | | | | State | |
| <u>imail: agiovengo@ensolum.com</u> | | | | | | | | | | 080 | 171 | 8 | ᇹᅵ | 0.0 | | | Σ | | ¥ | | NM CO | UT AZ | TX |
| port d | ue by: | | | r - | | | | T Jak | ł | RO/ | 34 | y 82 | 99 | de 3 | 됩 | | ای | | | | × | | |
| Time 3ampled | Date Sampled | Matrix | No. of Containers | Sample ID | | | | Lab Number | | трн GRO/DRO/ORO by 8015 | BTEX by 802.1 | VOC by 8260 | Metals 6010 | Chloride 300.0 | тсео трн | | верос | | врос | | | Remarks | |
| \$32:11 P | 4/16/2024 | S | 1 | | | FS15 - 0' | | 11 | | | | | | | | | Х | | | | | | |
| 12:13 | 4/16/2024 | s | 1 | | | FS16 - 0' | | 12 | | | | | | | | | х | | | | | | |
| 12:15 | 4/16/2024 | s | 1 | | | FS17 - 0' | | 13 | | | | | | | | | х | | | | | | |
| 12:18 | 4/16/2024 | S | 1 | | | FS18 - 0' | | 14 | | | | | | | | | х | | | | | | |
| 12:19 | 4/16/2024 | S | 1 | | | FS19 - 0' | | 15 | | | | | | | | | х | | | | | | |
| 12:21 | 4/16/2024 | S | 1 | | | FS20 - 0' | | 16 | | | | | | | | | х | | | | | | |
| 13:46 | 4/16/2024 | S | 1 | | | FS21 - 0' | | 17 | | | | | | | | | х | | | | | | |
| 13:48 | 4/16/2024 | S | 1 | | | FS22 - 0' | | 18 | | | | | | | | | x | | | | | - | |
| 13:50 | 4/16/2024 | S | 1 | | | FS23 - 0' | | 19 | | | | | | | | | x | | | | | | |
| 13:52 | 4/16/2024 | S | 1 | | | FS24 - 0' | | 70 | | | | | | | | | x | | | | | | |
| Addition | ai Instructio | ns: Plea | ase CC: cl | burton@er | solum.con | n, aglovengo@er | nsolum.com, cha | milton@e | nsol | um.co | om, i | lestr | ella@ | ens | olum. | com | | | <u>.</u> | | | | |
| 1 ' ' | pler), attest to the | - | | - | | · - | r Intentionally mislabell | | le loca | tion, | - | | | | | | | | | | on ice the day to n 6°C on subse | hey are sample quent days. | d or |
| | ed by: (Signatu | | Date | | 11me 9:30 | | naturne) Josephes | Date 4-17- | 24 | Time | 13C | | Recei | ived | on ic | ٥٠ | | b Us)/ N | e On | ly | | · · · · · · · · · · · · · · · · · · · | |
| | ed by: (Signatu | | Date | | Time 17 | Received by: (Sign | Date 4-17- | | Time | 30 | | T1 | 01110 | | T2 | ,, ., | | | Т3 | | | | |
| | ed by: (Signate | Time 700 Received by: (Signature) Pate 4.17.74 7400 Received by: (Signature) Pate 4.18.24 0745 AVG Temp °C_4 | | | | | | | | | | | | | | | | | | | | | |
| Sample Mar | trix: S - Soil, Sd - : | Solid, Sa - Sh | | | | | | Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA | | | | | | | | | | | | | | | |
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Page 123 of 126

Collent expense. The report for the analysis of the above

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|------------------------------|---------------------------------------|-----------------|--|----------------------|-----------------|--|------------------|--|-----------|----------------------------|--------------|-------------|-------------|----------------|--------------|------|------------|------|------|-----|------------------------------------|---------------|---------|
| Poject: | Voni Wes | t TB | | | | Attention: Ensolu | m LLC | | Lab | ₩0# {0 4 | | _ | Job N | | | | 1D | 2D | 3D | Sta | andard | CWA | SDWA |
| Poject N | Manager: As | hley Giov | engo_ | | | Address: on file | | | E | 104 | (15) | ପ | 230 | 03- | ૯-૦ | ן אמ | | | | | X | | |
| Address: | 3122 Natio | nal Parks | Hwy | | | City, State, Zip: | | | | | | | Analys | is ar | d Me | thod | | | | | | | RCRA |
| City, Stat | e, Zip: Carls | bad NM, | 88220 | | | Phone: 575-988-00 | 055 | | | Βý | | | | | | | | | | | | | |
| Phone: 575-988-0055 Email: a | | | | | | | Pensolum.com | | İ | <u>8</u> | | | | | | | | | | | | State | |
| Email: a | giovengo@e | ensolum.c | om | | | | - | | | lõ | 1 | ۱ _ | _ | 9 | | ŀ | Σ | | | | NM CO | UT AZ | TX |
| port d | ue by: | | | | | | | | | ĮŠ | 805 | 826 | | 8 | _∓ | | - 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 | ŀ | верос | | врос | | | Remarks | |
| \$13:54 P | 4/16/2024 | S | 1 | | | FS25 - 0' | | 4 | | | | | | | | | х | | | | | | |
| 13:55 | 4/16/2024 | S | 1 | | | FS26 - 0' | | u | | | | | | | | | х | | | | | | |
| 12:23 | 4/16/2024 | S | 1 | | | FS27 - 0' | | 23 | | | | | | | | | X | | | | | | |
| 12:25 | 4/16/2024 | s | 1 | | | FS28 - 0' | | 24 | | | | | | | | | X | | | | | | |
| 13:32 | 4/16/2024 | s | 1 | | | FS29 - 0' | | ひ | | | | | | | | | Х | | | | | | |
| 13:33 | 4/16/2024 | s | 1 | | FS30 - 0' | | | | | | | | | | | | X | | | | | | |
| 13:37 | 4/16/2024 | s | 1 | | | FS31 - 0' | | U | | | | | | | | | х | | | | | | |
| 13:40 | 4/16/2024 | s | 1 | | | FS32 - 0' | | 18 | | | | | | | | | x | | | | | | |
| 13:42 | 4/16/2024 | s | 1 | | | FS33 - 0' | | 29 | | | | | | | | | х | | | | | | |
| 13:43 | 4/16/2024 | S | 1 | | | FS34 - 0' | | 30 | | | | | | | | | х | | | | | | |
| Addition | al Instructio | ns: Plea | ase CC: (| burton@e | nsolum. | com, agiovengo@er | nsolum.com, char | niiton@e | nsol | um.c | om, | iestr | elia@ | ens | olum | .com |) | | | | | | |
| 1., | pler), attest to the of collection is | | | • | | vare that tampering with or tion. <u>Sample</u> | · · | | le loca | tion, | | | | | | | | | | | on ice the day i n 6°C on subse | | ed or |
| Relinquish | ed by: †Signatu | Ye) | Dat 4 | e / <i>112/74</i> | Time 9:30 | Refleyed by: (A) Br | Gonzales | Date 4-17- | <u>)4</u> | Time | 93 | 0 | Recei | ved | on ic | e: | | b Us | e On | ly | | | |
| Mi | ed by: (Signatu | onzal | sales 4-1724 1617 Received by: (Signature) Composition Date 4-17.74 17 | | | | | | | | 73 |)O | T1 | | | _ : | Γ <u>2</u> | | | | <u>T3</u> | | |
| Relinquish | ed by: (Signatu | l (Q) | Dat | | Time 24∞ | Received by: (Sign | nature) | 1 4/18 | 124 | Time | 749 | 5 | AVG | Tem | p °C_ | 4 | | | | | | | |
| | trix: S - Sall, Sd - | Solid, Sg - Slu | | | | | **** | Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA | | | | | | | | | | | | | | | |
| | | | | | | other arrangements are | | amples will | be re | turnec | to cl | ient c | r dispo | sed o | of at th | | | | | | ort for the a | nalysis of th | e above |
| | | | | | | with this COC. The liab | | | | | | | | | | | | | | • | | • | |

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

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Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Printed: 4/19/2024 11:33:59AM

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 w | ill be analyzed as requested. |
|--|-------------------------------|
|--|-------------------------------|

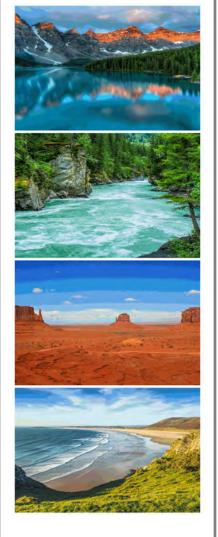
| Client: | Matador Resources, LLC. | Date Received: | 04/18/24 | 07:45 | 7 | Vork Order ID: | E404158 |
|-------------|---|-------------------|----------|---------------------|------|----------------|-----------------|
| Phone: | (972) 371-5200 | Date Logged In: | 04/18/24 | 08:14 | I | ogged In By: | Angelina Pineda |
| Email: | agiovngo@ensolum.com | Due Date: | | 17:00 (4 day TAT) | • | | . 2.80 |
| | Custody (COC) | - | | | | | |
| 1. Does th | ne sample ID match the COC? | | Yes | | | | |
| | ne number of samples per sampling site location ma | tch the COC | Yes | | | | |
| 3. Were s | amples dropped off by client or carrier? | | Ycs | Carrier: Cour | rier | | |
| 4. Was the | e COC complete, i.e., signatures, dates/times, reques | sted analyses? | Yes | | | | |
| 5. Were a | Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi | | Yes | | | Commen | ts/Resolution |
| Sample T | urn Around Time (TAT) | | | | | | |
| 6. Did the | COC indicate standard TAT, or Expedited TAT? | | Yes | | | | |
| Sample C | Cooler | | | | | | |
| 7. Was a s | sample cooler received? | | Yes | | | | |
| 8. If yes, | was cooler received in good condition? | | Yes | | | | |
| 9. Was the | e sample(s) received intact, i.e., not broken? | | Yes | | | | |
| 10. Were | custody/security seals present? | | No | | | | |
| 11. If yes | were custody/security seals intact? | | NA | | | | |
| | 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 | • | • | _ | | | | |
| | queous VOC samples present? | | No | | | | |
| | OC samples collected in VOA Vials? | | NA | | | | |
| | head space less than 6-8 mm (pea sized or less)? | | NA | | | | |
| | trip blank (TB) included for VOC analyses? | | NA | | | | |
| | on-VOC samples collected in the correct containers | ? | Yes | | | | |
| | appropriate volume/weight or number of sample contain | | Yes | | | | |
| Field Lat | • | | | | | | |
| | field sample labels filled out with the minimum info | ormation: | | | | | |
| | ample ID? | | Yes | | | | |
| D | ate/Time Collected? | | Yes | | | | |
| С | ollectors name? | | Yes | | | | |
| | reservation | | | | | | |
| | the COC or field labels indicate the samples were pr | reserved? | No | | | | |
| | ample(s) correctly preserved? | | NA | | | | |
| 24. Is lab | filteration required and/or requested for dissolved n | netals? | No | | | | |
| | se Sample Matrix | | | | | | |
| 26. Does | the sample have more than one phase, i.e., multipha | se? | No | | | | |
| 27. If yes, | does the COC specify which phase(s) is to be analy | zed? | NA | | | | |
| Subcontr | act Laboratory | | | | | | |
| 28. Are sa | imples required to get sent to a subcontract laborato | ry? | No | | | | |
| | subcontract laboratory specified by the client and is | | NA | Subcontract Lab: NA | Α | | |
| Client In | struction | | | | | | |
| CHERTA | SHUCHOL | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | 0 |

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: Voni West TB

Work Order: E405261

Job Number: 23003-0002

Received: 5/20/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/29/24

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: 5/29/24

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

Project Name: Voni West TB

Workorder: E405261

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: Voni West TB.

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

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

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

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

Respectfully,

Walter Hinchman

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

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rainaschwanz@envirotech-inc.com

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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: | Voni West TB | D |
|---|------------------------------|------------------|-----------------|----------------|
| l | 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-0002 | Reported: |
| l | Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 05/29/24 11:50 |

| Client Sample ID | Lab Sample ID M | Aatrix | Sampled | Received | Container |
|------------------|-----------------|--------|----------|----------|------------------|
| FS27-0.5' | E405261-01A | Soil | 05/17/24 | 05/20/24 | Glass Jar, 2 oz. |



| Matador Resources, LLC. | Project Name: | Voni West TB | |
|------------------------------|------------------|-----------------|----------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-0002 | Reported: |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 5/29/2024 11:50:57AM |

FS27-0.5' E405261-01

| | E405261-01 | | | | |
|--------|---|---|---|--|--|
| | 1 0 | | | | |
| Result | Limit | Dilution | Prepared | Analyzed | Notes |
| mg/kg | mg/kg | Ana | lyst: RKS | | Batch: 2421092 |
| ND | 0.0250 | 1 | 05/22/24 | 05/25/24 | |
| ND | 0.0250 | 1 | 05/22/24 | 05/25/24 | |
| ND | 0.0250 | 1 | 05/22/24 | 05/25/24 | |
| ND | 0.0250 | 1 | 05/22/24 | 05/25/24 | |
| ND | 0.0500 | 1 | 05/22/24 | 05/25/24 | |
| ND | 0.0250 | 1 | 05/22/24 | 05/25/24 | |
| | 94.1 % | 70-130 | 05/22/24 | 05/25/24 | |
| mg/kg | mg/kg | Ana | lyst: RKS | | Batch: 2421092 |
| ND | 20.0 | 1 | 05/22/24 | 05/25/24 | |
| | 107 % | 70-130 | 05/22/24 | 05/25/24 | |
| mg/kg | mg/kg | Ana | lyst: KM | | Batch: 2422011 |
| ND | 25.0 | 1 | 05/28/24 | 05/29/24 | |
| ND | 50.0 | 1 | 05/28/24 | 05/29/24 | |
| | 109 % | 50-200 | 05/28/24 | 05/29/24 | |
| mg/kg | mg/kg | Ana | llyst: IY | | Batch: 2421137 |
| 43.3 | 20.0 | 1 | 05/23/24 | 05/26/24 | |
| | mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg | Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 94.1 % mg/kg mg/kg mg/kg ND 20.0 107 % mg/kg ND 25.0 ND 50.0 109 % mg/kg mg/kg mg/kg | Reporting Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 0.0250 1 94.1 % 70-130 70-130 mg/kg mg/kg Ana ND 20.0 1 107 % 70-130 70-130 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 109 % 50-200 mg/kg Mg/kg Ana | Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 05/22/24 ND 0.0250 1 05/22/24 ND 0.0250 1 05/22/24 ND 0.0250 1 05/22/24 ND 0.0500 1 05/22/24 ND 0.0250 1 05/22/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 05/22/24 mg/kg mg/kg Analyst: KM ND 25.0 1 05/22/24 ND 25.0 1 05/28/24 ND 50.0 1 05/28/24 ND 50.0 1 05/28/24 ND 50.0 05/28/24 mg/kg mg/kg Analyst: KM | Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 05/22/24 05/25/24 ND 0.0500 1 05/22/24 05/25/24 ND 0.0250 1 05/22/24 05/25/24 MD 0.0250 1 05/22/24 05/25/24 MD 0.0250 1 05/22/24 05/25/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 05/22/24 05/25/24 mg/kg mg/kg Analyst: KM ND 25.0 1 05/28/24 05/29/24 ND 50.0 1 05/28/24 05/29/24 ND 50.0 1 05/28/24 |

Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

Matador Resources, LLC.Project Name:Voni West TBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo5/29/2024 11:50:57AM

| Dallas TX, 75240 | | Project Manager | : As | shley Gioveng | 90 | | | 5/2 | 9/2024 11:50:57AM |
|--|--------|--------------------|----------------|------------------|------|---------------|-------------|--------------|-------------------|
| Volatile Organics by EPA 8021B Analyst: RKS | | | | | | | | | |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2421092-BLK1) | | | | | | | Prepared: 0 | 5/22/24 Anal | yzed: 05/24/24 |
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| -Xylene | ND | 0.0250 | | | | | | | |
| ,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| urrogate: 4-Bromochlorobenzene-PID | 7.65 | | 8.00 | | 95.6 | 70-130 | | | |
| LCS (2421092-BS1) | | | | | | | Prepared: 0 | 5/22/24 Anal | yzed: 05/24/24 |
| Benzene | 5.26 | 0.0250 | 5.00 | | 105 | 70-130 | | | |
| thylbenzene | 4.94 | 0.0250 | 5.00 | | 98.8 | 70-130 | | | |
| oluene | 5.18 | 0.0250 | 5.00 | | 104 | 70-130 | | | |
| -Xylene | 5.07 | 0.0250 | 5.00 | | 101 | 70-130 | | | |
| ,m-Xylene | 10.2 | 0.0500 | 10.0 | | 102 | 70-130 | | | |
| Total Xylenes | 15.2 | 0.0250 | 15.0 | | 101 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.73 | | 8.00 | | 96.6 | 70-130 | | | |
| LCS Dup (2421092-BSD1) | | | | | | | Prepared: 0 | 5/22/24 Anal | yzed: 05/24/24 |
| Benzene | 5.63 | 0.0250 | 5.00 | | 113 | 70-130 | 6.67 | 20 | |
| thylbenzene | 5.27 | 0.0250 | 5.00 | | 105 | 70-130 | 6.48 | 20 | |
| oluene | 5.53 | 0.0250 | 5.00 | | 111 | 70-130 | 6.53 | 20 | |
| -Xylene | 5.40 | 0.0250 | 5.00 | | 108 | 70-130 | 6.31 | 20 | |
| o,m-Xylene | 10.8 | 0.0500 | 10.0 | | 108 | 70-130 | 6.20 | 20 | |
| Total Xylenes | 16.2 | 0.0250 | 15.0 | | 108 | 70-130 | 6.24 | 20 | |

70-130

91.6



Surrogate: 1-Chloro-4-fluorobenzene-FID

8.93

QC Summary Data

Matador Resources, LLC.Project Name:Voni West TBReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo5/29/2024 11:50:57AM

| Dallas TX, 75240 | | Project Manage | r: As | shley Gioveng | go | | | 5/2 | 29/2024 11:50:57AM |
|---|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|-------------|-------------------|--------------------|
| | Non | halogenated | Organics | by EPA 80 | 15D - G | RO | | | Analyst: RKS |
| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes |
| Blank (2421092-BLK1) | | | | | | | Prepared: 0 | 5/22/24 Ana | lyzed: 05/24/24 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 8.44 | | 8.00 | | 106 | 70-130 | | | |
| LCS (2421092-BS2) | | | | | | | Prepared: 0 | 5/22/24 Ana | lyzed: 05/24/24 |
| Gasoline Range Organics (C6-C10) | 41.6 | 20.0 | 50.0 | | 83.3 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 8.79 | | 8.00 | | 110 | 70-130 | | | |
| LCS Dup (2421092-BSD2) | | | | | | | Prepared: 0 | 5/22/24 Ana | lyzed: 05/24/24 |
| Gasoline Range Organics (C6-C10) | 43.4 | 20.0 | 50.0 | | 86.7 | 70-130 | 4.09 | 20 | |

8.00

70-130

| Matador Resources, LLC. | Project Name: | Voni West TB | Reported: |
|------------------------------|------------------|-----------------|----------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-0002 | • |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 5/29/2024 11:50:57AM |

| Danas 1A, 73240 | | Floject Manage | i. As | siliey Glovelig | 30 | | | 312 | .9/2024 11.30.3/AW | |
|--|--------|--------------------|----------------|------------------|-----|---------------|-------------|--------------|--------------------|--|
| Nonhalogenated Organics by EPA 8015D - 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 (2422011-BLK1) | | | | | | | Prepared: 0 | 5/28/24 Ana | lyzed: 05/29/24 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | | |
| Surrogate: n-Nonane | 56.1 | | 50.0 | | 112 | 50-200 | | | | |
| LCS (2422011-BS1) | | | | | | | Prepared: 0 | 5/28/24 Anal | lyzed: 05/29/24 | |
| Diesel Range Organics (C10-C28) | 264 | 25.0 | 250 | | 105 | 38-132 | | | | |
| Surrogate: n-Nonane | 54.7 | | 50.0 | | 109 | 50-200 | | | | |
| LCS Dup (2422011-BSD1) | | | | | | | Prepared: 0 | 5/28/24 Ana | lyzed: 05/29/24 | |
| Diesel Range Organics (C10-C28) | 273 | 25.0 | 250 | | 109 | 38-132 | 3.55 | 20 | | |
| Surrogate: n-Nonane | 56.6 | | 50.0 | | 113 | 50-200 | | | | |
| | | | | | | | | | | |



| Matador Resources, LLC. | Project Name: | Voni West TB | Reported: |
|------------------------------|------------------|-----------------|----------------------|
| 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-0002 | |
| Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 5/29/2024 11:50:57AM |

| Anions by EPA 300.0/9056A | | | | | | Analyst: IY | | | |
|---------------------------|--------|--------------------|----------------|------------------|------|---------------|-------------|-------------|--------------------|
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limi | t |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2421137-BLK1) | | | | | | | Prepared: 0 | 5/23/24 | Analyzed: 05/26/24 |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2421137-BS1) | | | | | | | Prepared: 0 | 5/23/24 | Analyzed: 05/26/24 |
| Chloride | 249 | 20.0 | 250 | | 99.6 | 90-110 | | | |
| LCS Dup (2421137-BSD1) | | | | | | | Prepared: 0 | 5/23/24 | Analyzed: 05/26/24 |
| Chloride | 249 | 20.0 | 250 | | 99.4 | 90-110 | 0.205 | 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: | Voni West TB | |
|---|------------------------------|------------------|-----------------|----------------|
| l | 5400 LBJ Freeway, Suite 1500 | Project Number: | 23003-0002 | Reported: |
| ١ | Dallas TX, 75240 | Project Manager: | Ashley Giovengo | 05/29/24 11:50 |

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



| - 1 | | 1 |
|--------|----|---|
| Page (| of | J |

| Çlienţ Information | | | | Invoice Information Company: Engolym Address: City, State, Zip: | | | Lab Use Only | | | | | | | | TA | Г | State | | | |
|--|--------------------------------------|----------------|----------------|---|-----------------|--|--------------------------|----------------------------------|---------|---------|-----------|-------------|----------------|------------|----------------|---------------|----------|-------------|---|----------------|
| Client: Matudor Project Name: Voni West TB Project Manager: Ashley 6 | | | | | | | Lab | Lab WO# Job Nu E 405 261 2300 | | | | Num 003 | | | | | 3D Std | | | |
| Address: | | | | | | Phone: | | | | _ | | Ana | lysis | and | Met | hod | | | EPA Pro | ram |
| City, Stat | e, Zip: Car 575 9. | (5640 88 00 | 855 950lun | n.Com | | mail: 1iscellaneous: | | | 8015 | 8015 | | | | | | | | | SDWA CWA | |
| - | | | | Samp | le Informa | ation | | | p v | 8 | 8021 | 3260 | Chloride 300.0 | NN | S - TX | RCRA 8 Metals | | | PWSID# | |
| Time | Date Sampled | Matrix | No. of | | | Sample ID | Field | Lab Number | DRO/ORO | GRO/DRO | втех by 8 | VOC by 8260 | oride | BGDOC - NM | TCEQ 1005 - TX | RASI | | | Remai | ks |
| Sampled | | | Containers | | | 7757387C104 | u u | Number | DR | GR | 18 | ^ | સ | | TCE | RC | | - | | |
| 10/8 | 5/17/24 | 5011 | t | F | 527 | 7-0.5 | | 1 | | | | | | χ | | | + | + | | |
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| | | | | | | | - 1 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | + | | |
| Addition | al Instruction | ns: | Plea | 58 | (): | Cole Isra | 44/,6 | Chai | 1, | _ | , 7 | d | A | 54 | 100 | 7 | 0 | | | |
| I, (field sam Sampled by: | oler), attest to the | validity and | authenticity o | f this sample. | I am aware t | hat tampering with or intentionally mi | islabeling the samp | ale location. | date | or time | of coll | ection | is con: | sidered | fraud | and m | ay be gr | ounds for I | egal action. | |
| Relinquish | ed by: (Signature | (m) | 5// | 7/24 | 1426 | Received by: (Signature) | Date | 17.2 | Time | 14 | 20 | P | | | | | | | st be received on ice the temp above 0 but less th | |
| Relinquish | ed by: (Signature |) | Sale. | 17:24 | 173 | Received by (Signature) | Date | w/w | Time | 93 | 0 | C | | Rece | eived | on ic | ce: | Lab U | se Only | |
| Relinquish | ed by: (Signature | 2) | Date |) | ime | Received by: (Signature) | Date | | Time | | | | | T1 | | | _ 1 | T2 | <u>T3</u> | |
| Relinquish | ed by: (Signature | e) | Date | 1 | îme | Received by: (Signature) | Date | | Time | | | | | AVG | Tem | np °C | 4 | | | |
| | rix: S - Soil, Sd - So | | | | 1 5 2 2 2 2 2 2 | The same of the sa | | ainer Typ | | | | | | ag - | ambe | r glas | | | V. N. De Per | 2W212025074239 |
| | | | | | | r arrangements are made. Hazard The liability of the laboratory is lin | Age of the second second | | | | | osed (| of at t | ne clie | nt exp | oense. | ine re | port for th | ie analysis of the ab | ove samples is |



envirotech

Printed: 5/22/2024 1:21:50PM

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: | E405261 |
|------------|---|------------------|----------|-------------------|----------|----------------|----------------|
| Phone: | (972) 371-5200 | Date Logged In: | 05/17/24 | 18:50 | | Logged In By: | Alexa Michaels |
| Email: | agiovngo@ensolum.com | Due Date: | | 17:00 (5 day TAT) | | | |
| | | | | | | | |
| 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 | 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 | ed 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 | • | | | | Comment | s/Resolution |
| Sample 7 | Turn Around Time (TAT) | | | | | | |
| 6. Did the | e COC indicate standard TAT, or Expedited TAT? | | Yes | | | | |
| Sample (| <u>Cooler</u> | | | | | | |
| 7. Was a | sample cooler received? | | Yes | | | | |
| 8. If yes, | was cooler received in good condition? | | Yes | | | | |
| 9. Was th | e sample(s) received intact, i.e., not broken? | | Yes | | | | |
| 10. Were | custody/security seals present? | | No | | | | |
| 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 | | 105 | | | | |
| | 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 | | | | |
| | | | INA | | | | |
| | 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> | | | | | | |
| | | | | | | | |
| | | | | | | | |
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| | | | | | | | 1 |

Date

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



APPENDIX E

NMOCD Notifications

From: <u>Jason Touchet</u>

To: <u>Chad Hamilton</u>; <u>Clinton Talley</u>

Cc: <u>Ashley Giovengo</u>; <u>Cole Burton</u>; <u>Israel Estrella</u>

Subject: RE: Please Submit - 48-hour Confirmation Sampling Notification - Voni West TB - nAPP2406051763

Date: Wednesday, April 10, 2024 1:39:47 PM

Attachments: <u>image001.png</u>

image002.png image003.png image004.png

[**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#) nAPP2406051763.

The sampling event is expected to take place:

When: 04/16/2024 @ 09:00

Where: E-21-26S-31E 0 FNL 0 FEL (32.03498,-103.78557)

Additional Information: N/A

Additional Instructions: E-21-26S-31E (32.03498, -103.78557)

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: Chad Hamilton <chamilton@ensolum.com>

Sent: Wednesday, April 10, 2024 1:11 PM

To: Clinton Talley <clinton.talley@matadorresources.com>; Jason Touchet

<jason.touchet@matadorresources.com>

Cc: Ashley Giovengo <agiovengo@ensolum.com>; Cole Burton <cburton@ensolum.com>; Israel Estrella <iestrella@ensolum.com>

Subject: Please Submit - 48-hour Confirmation Sampling Notification - Voni West TB - nAPP2406051763

EXTERNAL EMAIL

Clint/JT,

Please see the 48-hour notice for the Voni West TB that we will begin on 04/15/24. See details below:

When: 04/15/2024 @ 09:00 MST through 04/16/2024.

Where: E-21-26S-31E (32.03498, -103.78557)

Incident Number: nAPP2406051763

Number of Samples: 34

Spill Sq. Footage: 6,680 sq. ft.

Additional Information:

Additional Instructions: (32.03498, -103.78557)

Thanks,



This message is strictly confidential and is for the sole use of the intended recipient. If you are not the 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.

District I
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 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 332058

QUESTIONS

| Operator: | OGRID: | | | |
|----------------------------|--|--|--|--|
| MATADOR PRODUCTION COMPANY | 228937 | | | |
| One Lincoln Centre | Action Number: | | | |
| Dallas, TX 75240 | 332058 | | | |
| | Action Type: | | | |
| | [NOTIFY] Notification Of Sampling (C-141N) | | | |

QUESTIONS

| Prerequisites | | | | | | | |
|------------------|---------------------------------|--|--|--|--|--|--|
| Incident ID (n#) | nAPP2406051763 | | | | | | |
| Incident Name | NAPP2406051763 VONI WEST TB @ 0 | | | | | | |
| Incident Type | Produced Water Release | | | | | | |
| Incident Status | Initial C-141 Approved | | | | | | |

| Location of Release Source | | | | | | | |
|----------------------------|--------------|--|--|--|--|--|--|
| Site Name | Voni West TB | | | | | | |
| Date Release Discovered | 02/29/2024 | | | | | | |
| Surface Owner | Federal | | | | | | |

| Sampling Event General Information | | | | | | | |
|---|-------------------------------------|--|--|--|--|--|--|
| Please answer all the questions in this group. | | | | | | | |
| What is the sampling surface area in square feet | 6,680 | | | | | | |
| What is the estimated number of samples that will be gathered | 34 | | | | | | |
| 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 | E-21-26S-31E (32.03498, -103.78557) | | | | | | |

District I
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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**

CONDITIONS

Action 332058

CONDITIONS

| Operator: | OGRID: | | | |
|----------------------------|--|--|--|--|
| MATADOR PRODUCTION COMPANY | 228937 | | | |
| One Lincoln Centre | Action Number: | | | |
| Dallas, TX 75240 | 332058 | | | |
| | Action Type: | | | |
| | [NOTIFY] Notification Of Sampling (C-141N) | | | |

CONDITIONS

| 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. | 4/10/2024 |

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 332065

QUESTIONS

| Operator: | OGRID: |
|----------------------------|--|
| MATADOR PRODUCTION COMPANY | 228937 |
| One Lincoln Centre | Action Number: |
| Dallas, TX 75240 | 332065 |
| | Action Type: |
| | [NOTIFY] Notification Of Sampling (C-141N) |

| Prerequisites | |
|------------------|---------------------------------|
| Incident ID (n#) | nAPP2406051763 |
| Incident Name | NAPP2406051763 VONI WEST TB @ 0 |
| Incident Type | Produced Water Release |
| Incident Status | Initial C-141 Approved |

| Location of Release Source | |
|----------------------------|--------------|
| Site Name | Voni West TB |
| Date Release Discovered | 02/29/2024 |
| Surface Owner | Federal |

| Sampling Event General Information | |
|---|-------------------------------------|
| Please answer all the questions in this group. | |
| What is the sampling surface area in square feet | 6,680 |
| What is the estimated number of samples that will be gathered | 34 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 04/16/2024 |
| 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 | E-21-26S-31E (32.03498, -103.78557) |

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 332065

CONDITIONS

| Operator: | OGRID: |
|----------------------------|--|
| MATADOR PRODUCTION COMPANY | 228937 |
| One Lincoln Centre | Action Number: |
| Dallas, TX 75240 | 332065 |
| | Action Type: |
| | [NOTIFY] Notification Of Sampling (C-141N) |

CONDITIONS

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

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 344300

QUESTIONS

| Operator: | OGRID: |
|----------------------------|--|
| MATADOR PRODUCTION COMPANY | 228937 |
| One Lincoln Centre | Action Number: |
| Dallas, TX 75240 | 344300 |
| | Action Type: |
| | [NOTIFY] Notification Of Sampling (C-141N) |

| Prerequisites | |
|------------------|---------------------------------|
| Incident ID (n#) | nAPP2406051763 |
| Incident Name | NAPP2406051763 VONI WEST TB @ 0 |
| Incident Type | Produced Water Release |
| Incident Status | Initial C-141 Approved |

| Location of Release Source | |
|----------------------------|--------------|
| Site Name | Voni West TB |
| Date Release Discovered | 02/29/2024 |
| Surface Owner | Federal |

| Sampling Event General Information | |
|---|----------------------|
| Please answer all the questions in this group. | |
| What is the sampling surface area in square feet | 6,680 |
| What is the estimated number of samples that will be gathered | 34 |
| 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 | 32.03498, -103.78557 |

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 344300

CONDITIONS

| Operator: | OGRID: |
|----------------------------|--|
| MATADOR PRODUCTION COMPANY | 228937 |
| One Lincoln Centre | Action Number: |
| Dallas, TX 75240 | 344300 |
| | 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 |

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

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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 348897

QUESTIONS

| Operator: | OGRID: |
|----------------------------|---|
| MATADOR PRODUCTION COMPANY | 228937 |
| One Lincoln Centre | Action Number: |
| Dallas, TX 75240 | 348897 |
| | Action Type: |
| | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

| Prerequisites | |
|------------------|-------------------------------------|
| Incident ID (n#) | nAPP2406051763 |
| Incident Name | NAPP2406051763 VONI WEST TB @ 0 |
| Incident Type | Produced Water Release |
| Incident Status | Remediation Closure Report Received |

| Location of Release Source | |
|--|--------------|
| Please answer all the questions in this group. | |
| Site Name | Voni West TB |
| Date Release Discovered | 02/29/2024 |
| Surface Owner | Federal |

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

| Nature and Volume of Release | |
|--|---|
| Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission. | |
| Crude Oil Released (bbls) Details | Not answered. |
| Produced Water Released (bbls) Details | Cause: Other Separator Produced Water Released: 12 BBL Recovered: 2 BBL Lost: 10 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. |

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

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 348897

| Phone: (505) 476-3470 Fax: (505) 476-3462 | | |
|---|--|--|
| QUESTIONS (continued) | | |
| Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240 | OGRID: 228937 Action Number: 348897 Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) | |
| QUESTIONS | [| |
| Nature and Volume of Release (continued) | | |
| Is this a gas only submission (i.e. only significant Mcf values reported) | No, according to supplied volumes this does not appear to be a "gas only" report. | |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC | No | |
| Reasons why this would be considered a submission for a notification of a major release | Unavailable. | |
| With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. | e. gas only) are to be submitted on the C-129 form. | |
| Initial Response | safety hazard that would result in injury | |
| The source of the release has been stopped | w must undertake the following actions immediately unless they could create a safety hazard that would result in injury. True | |
| The impacted area has been secured to protect human health and the environment | True | |
| Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices | True | |
| All free liquids and recoverable materials have been removed and managed appropriately | True | |
| If all the actions described above have not been undertaken, explain why | Not answered. | |
| Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative cactions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission. | | |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are require 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 be the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. | | |
| | Name: Jason Touchet | |

Title: EHS Field Rep

Date: 05/29/2024

Email: jason.touchet@matadorresources.com

Released to Imaging: 6/11/2024 1:31:55 PM

I hereby agree and sign off to the above statement

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, Page 3

Action 348897

QUESTIONS (continued)

| Operator: | OGRID: |
|----------------------------|---|
| MATADOR PRODUCTION COMPANY | 228937 |
| One Lincoln Centre | Action Number: |
| Dallas, TX 75240 | 348897 |
| | Action Type: |
| | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| Site Characterization | |
|---|--------------------------------|
| Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date. | |
| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs) | Between 100 and 500 (ft.) |
| What method was used to determine the depth to ground water | NM OSE iWaters Database Search |
| Did this release impact groundwater or surface water | No |
| What is the minimum distance, between the closest lateral extents of the release and the following surface areas: | |
| A continuously flowing watercourse or any other significant watercourse | Between ½ and 1 (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 1 and 5 (mi.) |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes | Greater than 5 (mi.) |
| Any other fresh water well or spring | Between 1 and 5 (mi.) |
| Incorporated municipal boundaries or a defined municipal fresh water well field | Greater than 5 (mi.) |
| A wetland | Between ½ and 1 (mi.) |
| A subsurface mine | Greater than 5 (mi.) |
| An (non-karst) unstable area | Greater than 5 (mi.) |
| Categorize the risk of this well / site being in a karst geology | Medium |
| A 100-year floodplain | Greater than 5 (mi.) |
| Did the release impact areas not on an exploration, development, production, or storage site | No |

| ded to the appropriate district office no later than 90 days after the release discovery date. | | |
|---|--|--|
| Yes | | |
| nination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC. | | |
| Yes | | |
| No | | |
| Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.) | | |
| 7210 | | |
| 11240 | | |
| 6299 | | |
| 76.7 | | |
| 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. | | |
| 04/15/2024 | | |
| 05/17/2024 | | |
| 05/17/2024 | | |
| 0 | | |
| 0 | | |
| 6680 | | |
| 60 | | |
| 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. | | |
| , | | |

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**

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, Page 4

Action 348897

QUESTIONS (continued)

| Operator: | OGRID: |
|----------------------------|---|
| MATADOR PRODUCTION COMPANY | 228937 |
| One Lincoln Centre | Action Number: |
| Dallas, TX 75240 | 348897 |
| | Action Type: |
| | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| Remediation Plan (continued) | | |
|---|---------------|--|
| Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date. | | |
| This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants: | | |
| (Select all answers below that apply.) | | |
| (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.) | Yes | |
| Which OCD approved facility will be used for off-site disposal | Not answered. | |
| OR which OCD approved well (API) will be used for off-site disposal | Not answered. | |
| OR is the off-site disposal site, to be used, out-of-state | Not answered. | |
| OR is the off-site disposal site, to be used, an NMED facility | Yes | |
| What is the name of the NMED facility | R360 | |
| (Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms) | Not answered. | |
| (In Situ) Soil Vapor Extraction | Not answered. | |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.) | Not answered. | |
| (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.) | Not answered. | |
| (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.) | Not answered. | |
| Ground Water Abatement pursuant to 19.15.30 NMAC | Not answered. | |
| OTHER (Non-listed remedial process) | Not answered. | |

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

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

I hereby agree and sign off to the above statement

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: 05/29/2024

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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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, Page 5

Action 348897

QUESTIONS (continued)

| Operator: | OGRID: |
|----------------------------|---|
| MATADOR PRODUCTION COMPANY | 228937 |
| One Lincoln Centre | Action Number: |
| Dallas, TX 75240 | 348897 |
| | Action Type: |
| | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

| Deferral Requests Only | |
|--|----|
| Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation. | |
| Requesting a deferral of the remediation closure due date with the approval of this submission | No |

District I

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

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 6

Action 348897

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| Operator: | OGRID: |
|----------------------------|---|
| MATADOR PRODUCTION COMPANY | 228937 |
| One Lincoln Centre | Action Number: |
| Dallas, TX 75240 | 348897 |
| | Action Type: |
| | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| Sampling Event Information | | |
|---|------------|--|
| Last sampling notification (C-141N) recorded | 344300 | |
| 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 | 34 | |
| What was the sampling surface area in square feet | 6680 | |

| Remediation Closure Request | |
|--|---------------------------------------|
| Only answer the questions in this group if seeking remediation closure for this release because all re | emediation steps have been completed. |
| Requesting a remediation closure approval with this submission | Yes |
| Have the lateral and vertical extents of contamination been fully delineated | Yes |
| Was this release entirely contained within a lined containment area | No |
| All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion | Yes |
| What was the total surface area (in square feet) remediated | 6680 |
| What was the total volume (cubic yards) remediated | 60 |
| All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene | Yes |
| What was the total surface area (in square feet) reclaimed | 0 |
| What was the total volume (in cubic yards) reclaimed | 0 |
| Summarize any additional remediation activities not included by answers (above) | N/A |

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Name: Jason Touchet
Title: EHS Field Rep
Email: jason.touchet@matadorresources.com
Date: 05/29/2024

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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 7

Action 348897

QUESTIONS (continued)

| Operator: | OGRID: |
|----------------------------|---|
| MATADOR PRODUCTION COMPANY | 228937 |
| One Lincoln Centre | Action Number: |
| Dallas, TX 75240 | 348897 |
| | Action Type: |
| | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

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

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 348897

CONDITIONS

| Operator: | OGRID: |
|----------------------------|---|
| MATADOR PRODUCTION COMPANY | 228937 |
| One Lincoln Centre | Action Number: |
| Dallas, TX 75240 | 348897 |
| | Action Type: |
| | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

CONDITIONS

| Created By | y Condition | Condition Date |
|------------|-------------|-------------------|
| scwells | None | 6/11/2024 |