

Page 1 of 225
Received by OGD: 12/11/2023 12:16:33 PM
Released to Imaging: 12/14/2023 2:50:20 PM

District I
625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-141
Revised April 3, 2017

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

| | | | |
|-----------------|--------------------------------|---------------|---------------|
| Name of Company | OXY USA INC | Contact | WADE DITTRICH |
| Address | PO BOX 4294; HOUSTON, TX 77210 | Telephone No. | 575-390-2828 |
| Facility Name | MESA VERDE BS UNIT #8 | Facility Type | WELL |

| | | | | | |
|---------------|---------|---------------|---------|---------|--------------|
| Surface Owner | FEDERAL | Mineral Owner | FEDERAL | API No. | 30-025-44184 |
|---------------|---------|---------------|---------|---------|--------------|

LOCATION OF RELEASE

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|--------|
| M | 17 | 24S | 32E | 280 | SOUTH | 1146 | WEST | LEA |

Latitude 32.2109622 Longitude -103.7015845 NAD83

NATURE OF RELEASE

| | | | | | |
|-----------------------------|---|---|------------------------------------|----------------------------|--------|
| Type of Release | DIESEL | Volume of Release | 7 bbls | Volume Recovered | 0 bbls |
| Source of Release | Connection on Diesel tank failed causing leak | Date and Hour of Occurrence | 02/27/2018 | Date and Hour of Discovery | |
| Was Immediate Notice Given? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom? | OLIVIA YU-NMOCD; SHELLY TUCKER-BLM | | |
| By Whom? | WADE DITTRICH | Date and Hour | 02/28/2018 @ 11:59 AM | | |
| Was a Watercourse Reached? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, Volume Impacting the Watercourse. | | | |

If a Watercourse was Impacted, Describe Fully.*

RECEIVED
By Olivia Yu at 9:00 am, Mar 14, 2018

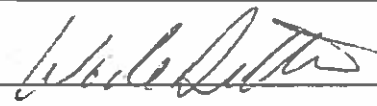

Describe Cause of Problem and Remedial Action Taken.*

Connection on Diesel tank failed causing leak. Connection has been repaired and returned to service.

Describe Area Affected and Cleanup Action Taken.*

The affected areas of this spill are approximately 75x100 (measurements are subject to change with GPS tracking). Remediation will be completed in accordance with a remediation plan approved by the NMOCD and BLM.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

| | | |
|--|---|--|
| Signature:  | OIL CONSERVATION DIVISION | |
| Printed Name: WADE DITTRICH | Approved by Environmental Specialist:  | |
| Title: ENVIRONMENTAL SPECIALIST | Approval Date: 3/14/2018 | Expiration Date: |
| E-mail Address: wade_dittrich@oxy.com | Conditions of Approval: see attached directive | Attached <input checked="" type="checkbox"/> |
| Date: 3-14-18 Phone: 575-390-2828 | | |

Attach Additional Sheets If Necessary

1RP-4992 nOY1807332612 pOY1807332797

Page 2 of 225
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| Facility Name | MESA VERDE BS UNIT #8 | Facility Type | WELL |

| | | | | | |
|---------------|---------|---------------|---------|---------|--------------|
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|---------------|---------|---------------|---------|---------|--------------|

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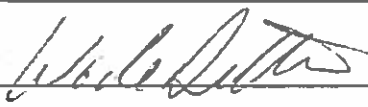

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| | | |
|--|---|--|
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| Printed Name: WADE DITTRICH | Approved by Environmental Specialist:  | |
| Title: ENVIRONMENTAL SPECIALIST | Approval Date: 3/14/2018 | Expiration Date: |
| E-mail Address: wade_dittrich@oxy.com | Conditions of Approval: see attached directive | Attached <input checked="" type="checkbox"/> |
| Date: 3-14-18 Phone: 575-390-2828 | | |

Attach Additional Sheets If Necessary

1RP-4992

nOY1807332612

pOY1807332797

| | |
|----------------|---------------|
| Incident ID | NOY1807332612 |
| District RP | |
| Facility ID | |
| Application ID | |

Closure

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 (electronic submittals in .pdf format are preferred) 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.

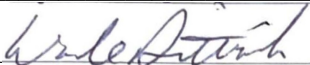
Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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.

Printed Name: Wade Dittrich

Title: Environmental Coordinator

Signature: 

Date: 11/29/2023

email: Wade_Dittrich@oxy.com

Telephone: 575-390-2828

OCD Only

Received by: _____

Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____

Title: _____

| | |
|----------------|---------------|
| Incident ID | NOY1807332612 |
| District RP | |
| Facility ID | |
| Application ID | |

Site Assessment/Characterization

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? | <u>>105</u> (ft bgs) |
| Did this release impact groundwater or surface water? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a wetland? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying a subsurface mine? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying an unstable area such as karst geology? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within a 100-year floodplain? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Did the release impact areas not on an exploration, development, production, or storage site? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*

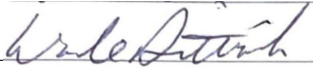
- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☒ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Oil Conservation Division

| | |
|----------------|---------------|
| Incident ID | NOY1807332612 |
| District RP | |
| Facility ID | |
| Application ID | |

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Printed Name: Wade DittrichTitle: Environmental CoordinatorSignature: Date: 11/29/2023email: Wade_Dittrich@oxy.comTelephone: 575-390-2828**OCD Only**

Received by: _____

Date: _____

Trinity Oilfield Services & Rentals, LLC



November 29th, 2023

Oil Conservation Division, District I
1625 N. French Drive
Hobbs, NM 88240

Re: **Closure Request**
Mesa Verde BS Unit #8
Tracking #: NOY1807332612

Trinity Oilfield Services (Trinity), on behalf of OXY USA, Inc., hereby submits the following Closure Request in response to a release that occurred at the above-referenced location, and further described below.

| Site Information | |
|--------------------------|--------------------------|
| Incident ID | NOY1807332612 |
| Site Name | Mesa Verde BS Unit #8 |
| Company | OXY USA, Inc. |
| County | Lea |
| ULSTR | M-17-24S-32E |
| GPS Coordinates (NAD 83) | 32.2109622, -103.7015845 |
| Landowner | Federal |

HISTORICAL RELEASE BACKGROUND

This site had previously been remediated but no paperwork existed for verification, therefore, OXY performed confirmation sampling to verify remediation limits had been met.

On 2/28/2018, OXY USA, Inc. reported a release at the Mesa Verde BS Unit #8. The release was caused when a connection on a diesel tank failed. Approximately 11,108 sqft. of the Pad was found to be damp upon initial inspection.

| Release Information | |
|---------------------------|----------------------------------|
| Date of Release | 2/27/2018 |
| Type of Release | Diesel |
| Source of Release | Equipment Failure |
| Volume Released – Diesel | 7 bbls |
| Volume Recovered – Diesel | 0 bbls |
| Affected Area – Damp Soil | Pad - Approximately 11,108 sqft. |
| Site Location Map | Attached |

SITE CHARACTERIZATION AND CLOSURE CRITERIA**Depth to Groundwater/Wellhead Protection:**

| Data Source | Well Number | Data Date | Depth (ft.) |
|-------------|-------------|------------|-------------|
| NM OSE | NA | NA | NA |
| USGS | NA | NA | NA |
| Soil Bore | SB-13 | 06/21/2023 | 105' |

A search of the groundwater well databases maintained by the New Mexico Office of the State Engineer (NMOSE) and the United States Geological Survey (USGS) was conducted to determine if any registered groundwater wells are located within a $\frac{1}{2}$ mile of the release site. The search revealed that Zero (0) wells occurred in the databases that meet the NMOCD criteria for the age of data, the distance of the data point well from the release point, and a data point well having a diagram of construction.

On 06/21/2023, Trinity was onsite to drill a groundwater determination borehole (SB-13) to 105' below ground surface within a $\frac{1}{2}$ mile radius of the incident location. The borehole was left open for 72 hours and checked for the presence of groundwater. As a result, no water was detected at 105' below surface at the borehole location (32.21119430, -103.70826819). The driller log is attached for reference.

General Site Characterization:

| Site Assessment | |
|--------------------------|-------------|
| Karst Potential | Low |
| Distance to Watercourse | > 1,000 ft. |
| Within 100 yr Floodplain | No |
| Pasture Impact | No |

A risk-based site assessment/characterization was performed following the New Mexico Oil Conservation Division (NMOCD) Rule (Title 19 Chapter 15 Part 29) for releases on oil and gas development and production in New Mexico (effective August 14, 2018). To summarize the site assessment/characterization evaluation, the affected area has Low potential for cave and karst, and no other receptors (residence, school, hospital, institution, church, mining, municipal, or other ordinance boundaries) were located within the regulatorily promulgated distances from the site.

Closure Criteria:

| On-Site & Off-Site 4ft bgs Recommended Remedial Action Levels (RRALs) | |
|---|--------------|
| Chlorides | 20,000 mg/kg |
| TPH (GRO and DRO and MRO) | 2,500 mg/kg |
| TPH (GRO and DRO) | 1,000 mg/kg |
| BTEX | 50 mg/kg |
| Benzene | 10 mg/kg |

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

INITIAL ASSESSMENT AND REMEDIATION ACTIVITIES**Initial Sample Activities:**

| Delineation Summary | |
|----------------------------|-------------------------|
| Delineation Dates | 03/06/2019 - 11/15/2023 |
| Depths Sampled | 0.5' - 1.5' |
| Delineation Map | Attached |
| Laboratory Results | Table 1 |

All soil samples were placed into laboratory-supplied glassware, labeled, and maintained on ice until delivery to an NMOCD-approved laboratory (Delineation: Xenco Laboratories of Midland, TX; Remediation: Cardinal Laboratories of Hobbs, NM) for the analysis of chloride using Method SM4500 Cl-B, Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) by EPA Method 8021 B and Total Petroleum Hydrocarbon (TPH) constituents the by EPA 8015M.

Confirmation Activities:

| Remediation Summary | |
|--|-------------------------|
| Remediation Dates | 03/30/2023 - 09/29/2023 |
| Workplan Approval | At Risk |
| Confirmation Sample Notification | 03/24/2023 |
| Liner Variance Request | None |
| Deferral Request | None |
| Depths Excavated | 0.3' - 1' |
| Area Represented by the required 5-point Confirmation Samples – Floors and Walls | 200 sqft. |
| Total Volume of Excavated Soil | 176 yards |
| Remediation Map | Attached |
| Laboratory Results | Table 2 |

Impacted soil within the release margins was excavated and temporarily stockpiled on-site on a 6-mil plastic sheeting, pending final disposition. Unless a Variance Request has been approved, all Floor and On-Site Walls of the excavated area were advanced until laboratory analytical results from confirmation soil samples indicate Chloride, Benzene, BTEX, and TPH concentrations are below the RRAL NMOCD Closure Criteria listed in the Table above, and all Off-Site Walls were advanced to meet reclamation standards. Confirmation soil samples (five-point composites representing no more than 200 sqft. of the excavated area) were collected from the floor and sidewalls.

Upon receiving laboratory analytical data showing that confirmation soil samples from the excavated areas yield results below the selected NMOCD Table 1 Closure Criteria; the impacted soil was transported under manifest to an NMOCD-approved disposal facility and the excavated area was backfilled with locally sourced, non-impacted "like" material.

SITE RECLAMATION AND RESTORATION

Areas affected by the release and the associated remediation activities were restored to a condition that existed before the release to the extent practicable. The affected area was contoured and/or compacted to provide erosion control, stability, and preservation of surface water flow. Affected areas not on production pads and/or lease roads will be reseeded with a prescribed BLM, NMSLO, and/or Private Landowner requested seed mixture during the first favorable growing season following the closure of the site by the applicable regulatory agency.

REQUEST FOR CLOSURE

| Supporting Documentation | |
|--------------------------------------|---------------------|
| C-141 page 6 | Signed and Attached |
| Delineation and Remediation Maps | Attached |
| Depth to Groundwater Maps and Source | Attached |
| US NWI Map | Attached |
| FEMA Flood Hazard Map | Attached |
| USDA Soil Survey | Attached |
| Site Photography | Attached |
| Laboratory Analytics with COCs | Attached |

The site has been remediated to meet the standards of Table I of 19.15.29.12 NMAC; therefore, Trinity Oilfield Services respectfully requests that the New Mexico Oil Conservation Division grant closure approval for the referenced release.

Sincerely,



Dan Dunkelberg
Project Manager



Cynthia Jordan
Project Scientist



Cynthia Jordan <cynthia@trinityoilfieldservices.com>

Confirmation Sample Notification - NOY1807332612 2018 MINOR A SPL

1 message

Dan Dunkelberg <dan@trinityoilfieldservices.com>

Fri, Mar 24, 2023 at 1:36 PM

To: OCD.Enviro@emnrd.nm.gov

Cc: Josh Halcomb <josh@trinityoilfieldservices.com>, Cynthia Jordan <cynthia@trinityoilfieldservices.com>

This is a notification that Trinity Oilfield Services will conduct confirmation sampling on behalf of OXY USA, Inc. at the above referenced site on Wednesday, March 29, 2023, at 8:00 a.m.

Dan Dunkelberg
Environmental Regulatory Manager



Trinity Oilfield Services & Rentals, LLC
Cell: (575) 602-2403

TABLE 1
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

OXY USA, INC.
MESA VERDE BS UNIT #8
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE #: NOY1807332612



| SAMPLE LOCATION | SAMPLE DEPTH (BGS) | SAMPLE DATE | SOIL STATUS | EPA SW-846 Method 8021B | | | | | | | EPA SW-846 Method 8015M | | | | | EPA 300 |
|------------------------------|--------------------|-------------|-------------|-------------------------|-----------------|-----------------------|---------------------|------------------|-----------------------|--------------------|-------------------------|---------------------|------------------|---------------------|--------------------|------------------|
| | | | | BENZENE (mg/kg) | TOLUENE (mg/kg) | ETHYL-BENZENE (mg/kg) | M,P-XYLENES (mg/kg) | O-XYLENE (mg/kg) | TOTAL XYLENES (mg/kg) | TOTAL BTEX (mg/kg) | GRO C6-C12 (mg/kg) | DRO C12-C28 (mg/kg) | GRO+ DRO (mg/kg) | MRO C28-C35 (mg/kg) | TPH C6-C35 (mg/kg) | CHLORIDE (mg/kg) |
| NMOCD Closure Limits (mg/kg) | | | | 10 | NE | NE | NE | NE | NE | 50 | NE | NE | 1,000 | NE | 2,500 | 20,000 |
| Vertical Delineation | | | | | | | | | | | | | | | | |
| SP-1 @ 6" | 6" | 4/9/2019 | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | 124 | 124 | <15.0 | 124 | 2,020 |
| SP-1 | 1.5' | 3/6/2019 | In-Situ | <0.0020 | <0.0020 | <0.0020 | 0.0046 | <0.0020 | 0.0046 | 0.0046 | <14.9 | <14.9 | <14.9 | <14.9 | <14.9 | 502 |
| SP-2 | 1.5' | 3/6/2019 | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 388 |
| SP-3 @ 6" | 6" | 4/9/2019 | In-Situ | <0.0020 | 0.0022 | 0.0061 | 0.0494 | 0.0409 | 0.0903 | 0.0985 | 436 | 5,800 | 6,236 | 925 | 7,160 | 279 |
| SP-3 | 1.5' | 3/6/2019 | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <14.9 | 121 | 121 | 28.0 | 149 | 514 |
| SP-4 | 1.5' | 3/6/2019 | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 18.8 |
| SP-5 @ 6" | 6" | 4/9/2019 | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <14.9 | 68.5 | 68.5 | 17.5 | 86.0 | 121 |
| SP-5 | 1.5' | 3/6/2019 | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | <5.00 |
| SP-6 | 1.5' | 3/6/2019 | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 106 |
| SP-7 @ 6" | 6" | 4/9/2019 | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | 24.4 | 24.4 | <15.0 | 24.4 | 76.6 |
| SP-7 | 1.5' | 3/6/2019 | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 156 |
| SP-8 | 1.5' | 3/6/2019 | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 10.4 |
| SP-9 @ 6" | 6" | 4/9/2019 | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | 29.9 | 29.9 | <15.0 | 29.9 | 237 |
| SP-9 | 1.5' | 3/6/2019 | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 83.2 |
| SP-10 | 1.5' | 3/6/2019 | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 44.5 |
| SP-11 @ 6" | 6" | 4/9/2019 | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | 19.0 | 19.0 | <15.0 | 19.0 | 68.4 |
| SP-11 | 1.5' | 3/6/2019 | In-Situ | <0.0020 | <0.0020 | 0.0028 | <0.0040 | <0.0020 | <0.0020 | 0.0028 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 68.0 |
| SP-12 @ 6" | 6" | 4/9/2019 | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | 218 | 218 | 32.8 | 251 | 108 |
| SP-12 | 1.5' | 3/6/2019 | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 45.8 |
| SP-13 @ 6" | 6" | 4/9/2019 | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <14.9 | 217 | 217 | 17.1 | 234 | 682 |
| SP-13 | 1.5' | 3/6/2019 | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 56.4 |
| SP-14 | 1.5' | 3/6/2019 | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <14.9 | <14.9 | <14.9 | <14.9 | <14.9 | 8.74 |
| SP-15 @ 6" | 6" | 4/9/2019 | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <14.9 | 1,060 | 1,060 | 17.9 | 1,080 | 127 |
| SP-15 | 1.5' | 3/6/2019 | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 16.4 |
| SP-16 @ 6" | 6" | 4/9/2019 | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | 3,230 | 3,230 | 1,120 | 4,350 | 1,200 |
| SP-16 | 1.5' | 3/7/2019 | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | 307 | 307 | 309 | 616 | 280 |
| SP-17 @ 6" | 6" | 4/9/2019 | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | 59.6 | 59.6 | 89.8 | 149 | 206 |
| SP-17 | 1.5' | 3/7/2019 | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | 66.0 | 66.0 | 498 | 564 | 113 |
| SP-18 | 1.5' | 3/7/2019 | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 101 |
| SP-19 @ 6" | 6" | 4/9/2019 | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | 706 | 706 | 130 | 836 | 1,010 |
| SP-19 | 1.5' | 3/7/2019 | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | 116 | 116 | 19.5 | 136 | 189 |
| Horizontal Delineation | | | | | | | | | | | | | | | | |
| DH-001-01.0-HS-S | 1' | 11/15/2023 | In-Situ | <0.050 | <0.050 | <0.050 | - | - | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 16.0 |
| DH-002-01.0-HE-S | 1' | 11/15/2023 | In-Situ | <0.050 | <0.050 | <0.050 | - | - | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 192 |
| DH-003-01.0-HN-S | 1' | 11/15/2023 | In-Situ | <0.050 | <0.050 | <0.050 | - | - | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 128 |
| DH-004-01.0-HW-S | 1' | 11/15/2023 | In-Situ | <0.050 | <0.050 | <0.050 | - | - | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 576 |

TABLE 2
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

OXY USA, INC.
MESA VERDE BS UNIT #8
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE #: NOY1807332612



| SAMPLE LOCATION | SAMPLE DEPTH (BGS) | SAMPLE DATE | FLOOR/WALL | OFF-SITE/ON-SITE | SAMPLE TYPE | SOIL STATUS | CHLORIDE (mg/Kg) | TPH C6-C36 (mg/Kg) | GRO+ DRO (mg/kg) | GRO C6-C10 (mg/Kg) | DRO C10-C28 (mg/Kg) | MRO C28-C36 (mg/Kg) | TOTAL BTEX (mg/Kg) | BENZENE (mg/Kg) |
|---|--------------------|-------------|------------|------------------|-------------|-------------|------------------|--------------------|------------------|--------------------|---------------------|---------------------|--------------------|-----------------|
| NMOCD Closure Limits Pad | | | | | | | 20000 | 2500 | 1000 | NE | NE | NE | 50 | 10 |
| NMOCD Closure Limits Pasture to 4' | | | | | | | 600 | 100 | NE | NE | NE | NE | 50 | 10 |
| Remediation Floors | | | | | | | | | | | | | | |
| CF-001.0-00.5-S | 0.5 | 3/30/2023 | Floor | On-Site | Composite | In-Situ | 1090 | 74.2 | 61.5 | <10.0 | 61.5 | 12.7 | <.300 | <0.50 |
| CF-002.0-00.5-S | 0.5 | 3/30/2023 | Floor | On-Site | Composite | In-Situ | 192 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <.300 | <0.50 |
| CF-003.0-00.5-S | 0.5 | 3/30/2023 | Floor | On-Site | Composite | In-Situ | 304 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <.300 | <0.50 |
| CF-004.0-00.5-S | 0.5 | 3/30/2023 | Floor | On-Site | Composite | In-Situ | 320 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <.300 | <0.50 |
| CF-005.0-00.3-S | 0.3 | 3/30/2023 | Floor | On-Site | Composite | In-Situ | 192 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <.300 | <0.50 |
| CF-006.0-00.3-S | 0.3 | 3/30/2023 | Floor | On-Site | Composite | In-Situ | 208 | 55.1 | 55.1 | <10.0 | 55.1 | <10.0 | <.300 | <0.50 |
| CF-007.0-00.3-S | 0.3 | 3/30/2023 | Floor | On-Site | Composite | In-Situ | 240 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <.300 | <0.50 |
| CF-008.0-00.3-S | 0.3 | 3/30/2023 | Floor | On-Site | Composite | In-Situ | 640 | 16.3 | 16.3 | <10.0 | 16.3 | <10.0 | <.300 | <0.50 |
| CF-009.0-00.3-S | 0.3 | 3/31/2023 | Floor | On-Site | Composite | In-Situ | 864 | 370 | 254 | <10.0 | 254 | 116 | <.300 | <0.50 |
| CF-010.0-00.3-S | 0.3 | 3/31/2023 | Floor | On-Site | Composite | In-Situ | 480 | 388 | 244 | <10.0 | 244 | 144 | <.300 | <0.50 |
| CF-011.0-00.3-S | 0.3 | 3/31/2023 | Floor | On-Site | Composite | In-Situ | 272 | 66.2 | 44.1 | <10.0 | 44.1 | 22.1 | <.300 | <0.50 |
| CF-012.0-00.3-S | 0.3 | 3/31/2023 | Floor | On-Site | Composite | In-Situ | 496 | 28.7 | 28.7 | <10.0 | 28.7 | <10.0 | <.300 | <0.50 |
| CF-013.0-00.3-S | 0.3 | 3/30/2023 | Floor | On-Site | Composite | In-Situ | 192 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <.300 | <0.50 |
| CF-014.0-00.3-S | 0.3 | 3/30/2023 | Floor | On-Site | Composite | In-Situ | 160 | 48.2 | 48.2 | <10.0 | 48.2 | <10.0 | <.300 | <0.50 |
| CF-015.0-00.3-S | 0.3 | 3/30/2023 | Floor | On-Site | Composite | In-Situ | 128 | 32.3 | 32.3 | <10.0 | 32.3 | <10.0 | <.300 | <0.50 |
| CF-016.0-00.3-S | 0.3 | 3/30/2023 | Floor | On-Site | Composite | In-Situ | 80 | 21.1 | 21.1 | <10.0 | 21.1 | <10.0 | <.300 | <0.50 |
| CF-017.0-00.3-S | 0.3 | 3/30/2023 | Floor | On-Site | Composite | In-Situ | 48 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <.300 | <0.50 |
| CF-018.0-00.3-S | 0.3 | 3/30/2023 | Floor | On-Site | Composite | In-Situ | 288 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <.300 | <0.50 |
| CF-019.0-00.3-S | 0.3 | 3/31/2023 | Floor | On-Site | Composite | In-Situ | 1010 | 41.7 | 29.4 | <10.0 | 29.4 | 12.3 | <.300 | <0.50 |
| CF-020.0-00.3-S | 0.3 | 3/31/2023 | Floor | On-Site | Composite | In-Situ | 6960 | 75.1 | 75.1 | <10.0 | 75.1 | <10.0 | <.300 | <0.50 |
| CF-021.0-00.3-S | 0.3 | 3/31/2023 | Floor | On-Site | Composite | In-Situ | 4960 | 140.7 | 123 | <10.0 | 123 | 17.7 | <.300 | <0.50 |
| CF-022.0-00.3-S | 0.3 | 3/31/2023 | Floor | On-Site | Composite | In-Situ | 1200 | 25.3 | 25.3 | <10.0 | 25.3 | <10.0 | <.300 | <0.50 |
| CF-023.0-00.3-S | 0.3 | 3/31/2023 | Floor | On-Site | Composite | In-Situ | 208 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <.300 | <0.50 |
| CF-024.0-00.3-S | 0.3 | 3/30/2023 | Floor | On-Site | Composite | In-Situ | 240 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <.300 | <0.50 |
| CF-025.0-00.3-S | 0.3 | 3/30/2023 | Floor | On-Site | Composite | In-Situ | 160 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <.300 | <0.50 |
| CF-026.0-00.3-S | 0.3 | 3/30/2023 | Floor | On-Site | Composite | In-Situ | 160 | 259.3 | 194 | <10.0 | 194 | 65.3 | <.300 | <0.50 |
| CF-027.0-00.3-S | 0.3 | 3/30/2023 | Floor | On-Site | Composite | In-Situ | 80 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <.300 | <0.50 |
| CF-028.0-00.3-S | 0.3 | 3/30/2023 | Floor | On-Site | Composite | In-Situ | 112 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <.300 | <0.50 |
| CF-029.0-00.3-S | 0.3 | 3/31/2023 | Floor | On-Site | Composite | In-Situ | 192 | 26.1 | 26.1 | <10.0 | 26.1 | <10.0 | <.300 | <0.50 |
| CF-030.0-00.3-S | 0.3 | 3/30/2023 | Floor | On-Site | Composite | In-Situ | 208 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <.300 | <0.50 |
| CF-031.0-00.3-S | 0.3 | 3/30/2023 | Floor | On-Site | Composite | In-Situ | 176 | 60 | 48.1 | <10.0 | 48.1 | 11.9 | <.300 | <0.50 |
| CF-032.0-00.3-S | 0.3 | 3/30/2023 | Floor | On-Site | Composite | In-Situ | 272 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <.300 | <0.50 |
| CF-033.0-00.3-S | 0.3 | 3/30/2023 | Floor | On-Site | Composite | In-Situ | 208 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <.300 | <0.50 |
| CF-034.0-00.3-S | 0.3 | 3/30/2023 | Floor | On-Site | Composite | In-Situ | 240 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <.300 | <0.50 |
| CF-035.0-00.3-S | 0.3 | 3/31/2023 | Floor | On-Site | Composite | In-Situ | 160 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <.300 | <0.50 |
| CF-036.0-00.3-S | 0.3 | 3/31/2023 | Floor | On-Site | Composite | In-Situ | 400 | 17.5 | 17.5 | <10.0 | 17.5 | <10.0 | <.300 | <0.50 |
| CF-037.0-00.3-S | 0.3 | 3/31/2023 | Floor | On-Site | Composite | In-Situ | 640 | 181.8 | 124 | <10.0 | 124 | 57.8 | <.300 | <0.50 |

TABLE 2
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

OXY USA, INC.
MESA VERDE BS UNIT #8
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE #: NOY1807332612



| SAMPLE LOCATION | SAMPLE DEPTH (BGS) | SAMPLE DATE | FLOOR/ WALL | OFF-SITE/ ON-SITE | SAMPLE TYPE | SOIL STATUS | CHLORIDE (mg/Kg) | TPH C6-C36 (mg/Kg) | GRO+ DRO (mg/kg) | GRO C6-C10 (mg/Kg) | DRO C10-C28 (mg/Kg) | MRO C28-C36 (mg/Kg) | TOTAL BTEX (mg/Kg) | BENZENE (mg/Kg) |
|---|--------------------|-------------|-------------|-------------------|-------------|-------------|------------------|--------------------|------------------|--------------------|---------------------|---------------------|--------------------|-----------------|
| NMOCD Closure Limits Pad | | | | | | | 20000 | 2500 | 1000 | NE | NE | NE | 50 | 10 |
| NMOCD Closure Limits Pasture to 4' | | | | | | | 600 | 100 | NE | NE | NE | NE | 50 | 10 |
| CF-038.0-00.3-S | 0.3 | 3/31/2023 | Floor | On-Site | Composite | In-Situ | 4240 | 82.4 | 62.6 | <10.0 | 62.6 | 19.8 | <.300 | <0.50 |
| CF-039.0-00.3-S | 0.3 | 3/31/2023 | Floor | On-Site | Composite | In-Situ | 5440 | 97.4 | 84.4 | <10.0 | 84.4 | 13 | <.300 | <0.50 |
| CF-040.0-00.3-S | 0.3 | 3/31/2023 | Floor | On-Site | Composite | In-Situ | 2200 | 321.9 | 282 | <10.0 | 282 | 39.9 | <.300 | <0.50 |
| CF-041.0-00.3-S | 0.3 | 3/31/2023 | Floor | On-Site | Composite | In-Situ | 880 | 831 | 655 | <10.0 | 655 | 176 | <.300 | <0.50 |
| CF-042.0-00.3-S | 0.3 | 3/31/2023 | Floor | On-Site | Composite | In-Situ | 2240 | 331.4 | 282 | <10.0 | 282 | 49.4 | <.300 | <0.50 |
| CF-043.0-00.3-S | 0.3 | 3/31/2023 | Floor | On-Site | Composite | In-Situ | 1060 | 339.7 | 246 | <10.0 | 246 | 93.7 | <.300 | <0.50 |
| CF-044.0-00.3-S | 0.3 | 3/31/2023 | Floor | On-Site | Composite | Excavated | 608 | 1878 | 1380 | <10.0 | 1380 | 498 | <.300 | <0.50 |
| CF-044.0-01.0-S | 1 | 4/14/2023 | Floor | On-Site | Composite | In-Situ | 160 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <.300 | <0.50 |
| CF-045.0-00.3-S | 0.3 | 3/31/2023 | Floor | On-Site | Composite | Excavated | 320 | 1923 | 1470 | <10.0 | 1470 | 453 | <.300 | <0.50 |
| CF-045.0-01.0-S | 1 | 4/14/2023 | Floor | On-Site | Composite | In-Situ | 160 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <.300 | <0.50 |
| CF-046.0-00.3-S | 0.3 | 3/31/2023 | Floor | On-Site | Composite | In-Situ | 320 | 667 | 488 | <10.0 | 488 | 179 | <.300 | <0.50 |
| CF-047.0-00.3-S | 0.3 | 3/31/2023 | Floor | On-Site | Composite | Excavated | 160 | 2074 | 1530 | <10.0 | 1530 | 544 | <.300 | <0.50 |
| CF-047.0-01.0-S | 1 | 4/14/2023 | Floor | On-Site | Composite | In-Situ | 32 | 656 | 543 | <10.0 | 543 | 113 | <.300 | <0.50 |
| CF-048.0-00.3-S | 0.3 | 3/31/2023 | Floor | On-Site | Composite | Excavated | 240 | 1576 | 1240 | <10.0 | 1240 | 336 | <.300 | <0.50 |
| CF-048.0-01.0-S | 1 | 4/14/2023 | Floor | On-Site | Composite | In-Situ | 144 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <.300 | <0.50 |
| CF-049.0-00.3-S | 0.3 | 3/31/2023 | Floor | On-Site | Composite | In-Situ | 336 | 1369 | 954 | <10.0 | 954 | 415 | <.300 | <0.50 |
| CF-050.0-00.3-S | 0.3 | 3/31/2023 | Floor | On-Site | Composite | In-Situ | 384 | 1051 | 771 | <10.0 | 771 | 280 | <.300 | <0.50 |
| CF-051.0-00.3-S | 0.3 | 3/31/2023 | Floor | On-Site | Composite | Excavated | 384 | 1420 | 1050 | <10.0 | 1050 | 370 | <.300 | <0.50 |
| CF-051.0-01.0-S | 1 | 4/14/2023 | Floor | On-Site | Composite | In-Situ | 144 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <.300 | <0.50 |
| CF-052.0-00.3-S | 0.3 | 3/31/2023 | Floor | On-Site | Composite | Excavated | 400 | 1970 | 1530 | <10.0 | 1530 | 440 | <.300 | <0.50 |
| CF-052.0-01.0-S | 1 | 4/14/2023 | Floor | On-Site | Composite | In-Situ | 160 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <.300 | <0.50 |
| CF-053.0-00.3-S | 0.3 | 3/31/2023 | Floor | On-Site | Composite | Excavated | 384 | 2442 | 1940 | <10.0 | 1940 | 502 | <.300 | <0.50 |
| CF-053.0-01.0-S | 1 | 4/14/2023 | Floor | On-Site | Composite | In-Situ | 160 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <.300 | <0.50 |
| CF-054.0-00.3-S | 0.3 | 3/31/2023 | Floor | On-Site | Composite | In-Situ | 464 | 103 | 103 | <10.0 | 103 | <10.0 | <.300 | <0.50 |
| CF-055.0-00.3-S | 0.3 | 3/31/2023 | Floor | On-Site | Composite | Excavated | 1760 | 1263.3 | 1220 | <10.0 | 1220 | 43.3 | <.300 | <0.50 |
| CF-055.0-01.0-S | 1 | 4/14/2023 | Floor | On-Site | Composite | In-Situ | 16 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <.300 | <0.50 |
| CF-056.0-00.3-S | 0.3 | 3/31/2023 | Floor | On-Site | Composite | Excavated | 1220 | 2506 | 2390 | <10.0 | 2390 | 116 | <.300 | <0.50 |
| CF-056.0-01.0-S | 1 | 4/14/2023 | Floor | On-Site | Composite | In-Situ | 16 | 667 | 554 | <10.0 | 554 | 113 | <.300 | <0.50 |
| Remediation Walls | | | | | | | | | | | | | | |
| CW-001.0-00.0-S | 0 | 9/29/2023 | Floor | On-Site | Composite | In-Situ | 1,040.00 | 127.70 | 117.00 | <10.0 | 117.00 | 10.70 | <.300 | <0.50 |

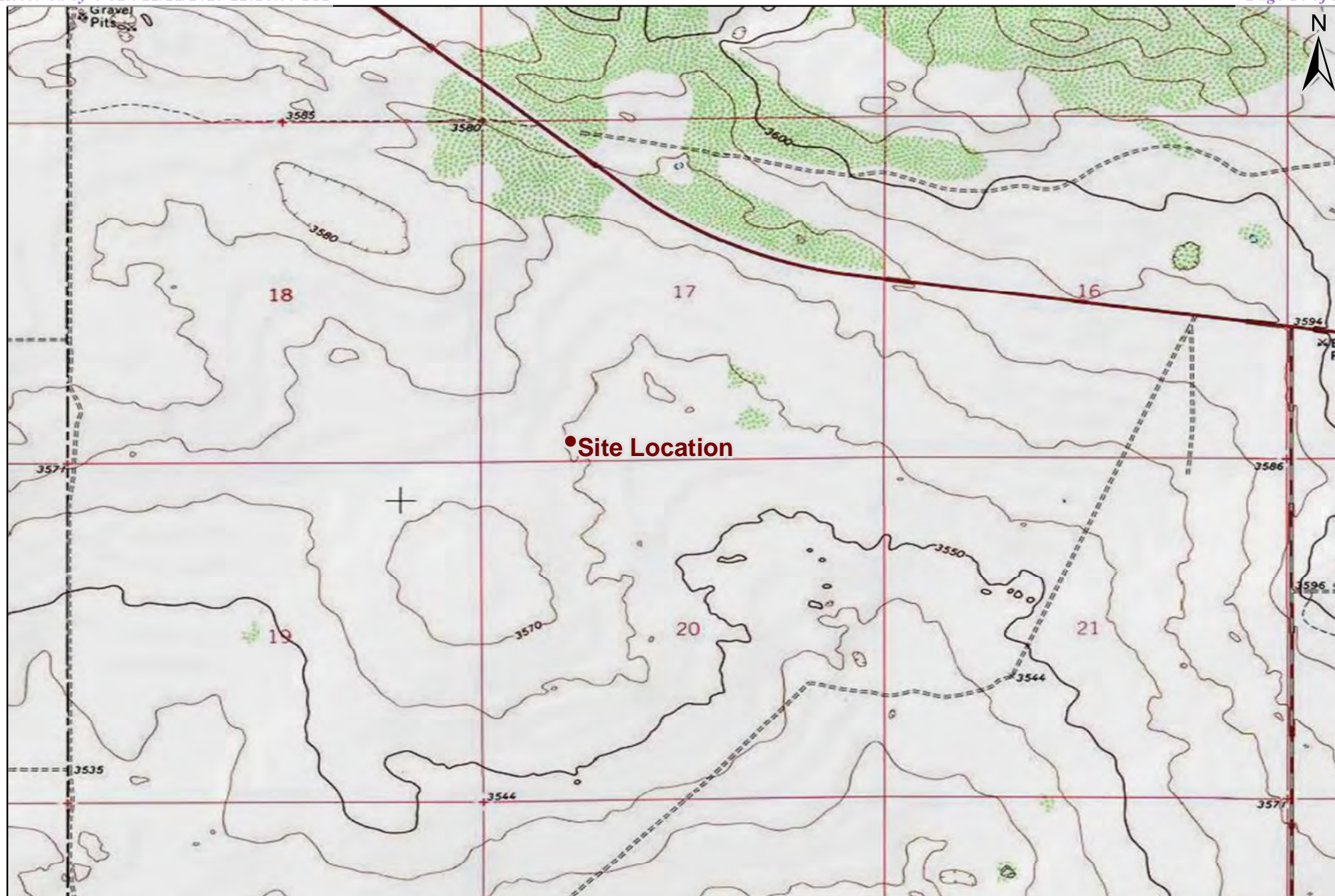
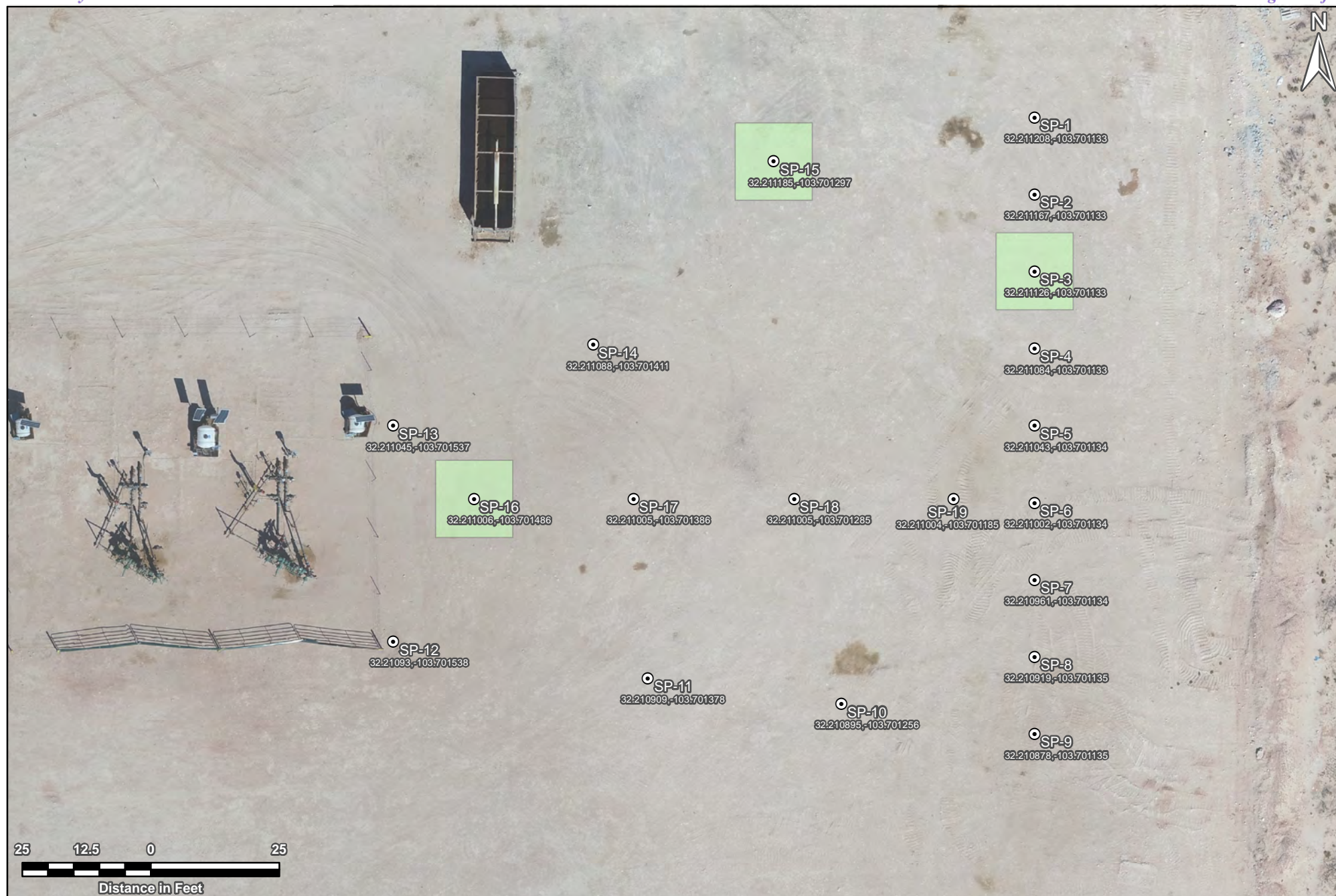


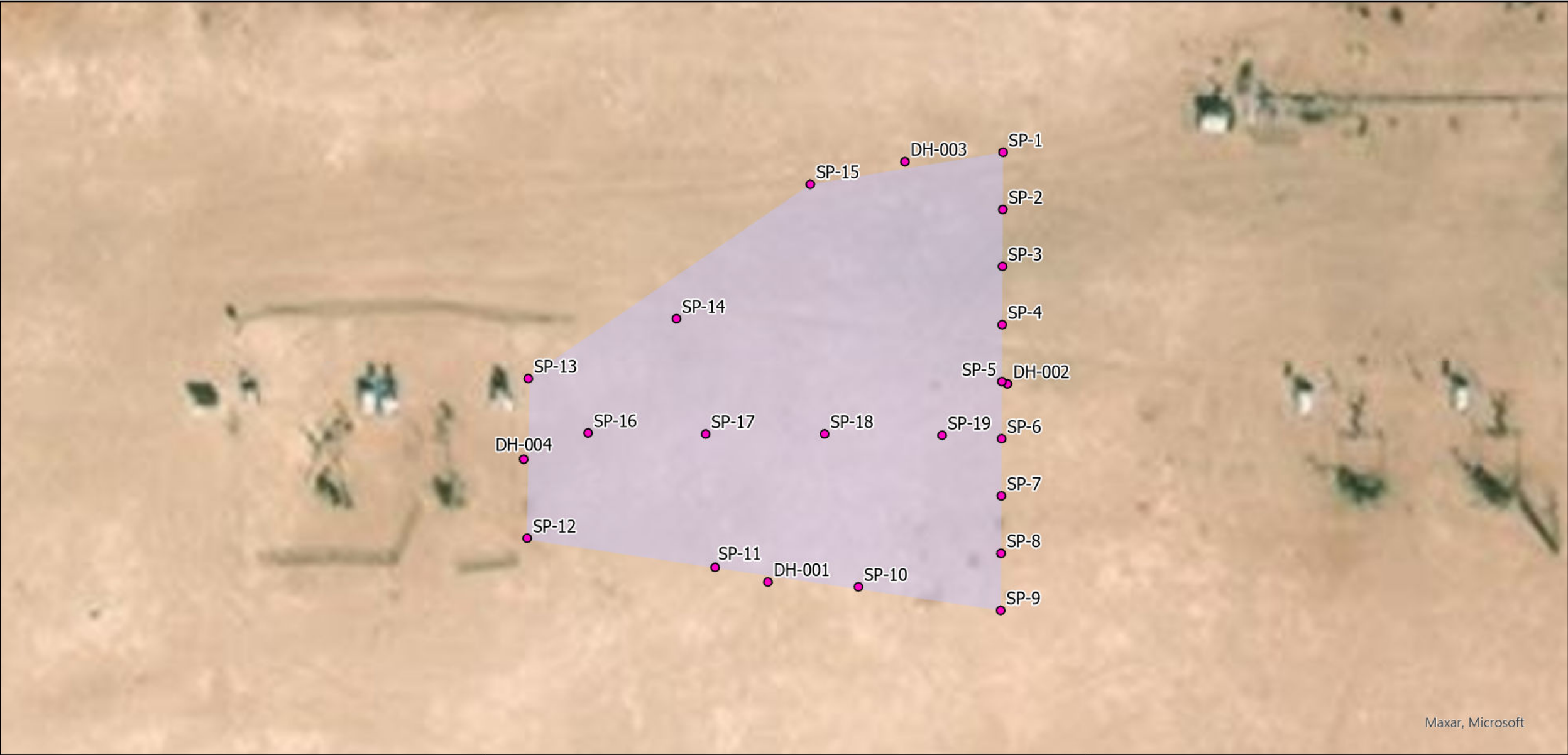
Figure 1
Site Location Map
OXY USA, Inc.
Mesa Verde BS Unit #8
Lea County, New Mexico
NMOCD Reference #: NOY1807332612



Trinity Oilfield Services & Rentals, LLC
 P.O. Box 2587
 Hobbs, NM 88241

| | |
|----------------|--------------------|
| Drawn By: BJA | Checked By: JEH |
| March 20, 2019 | Scale: 1" = 2,000' |

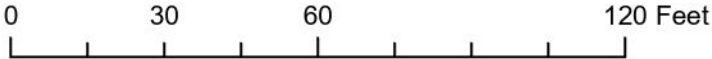


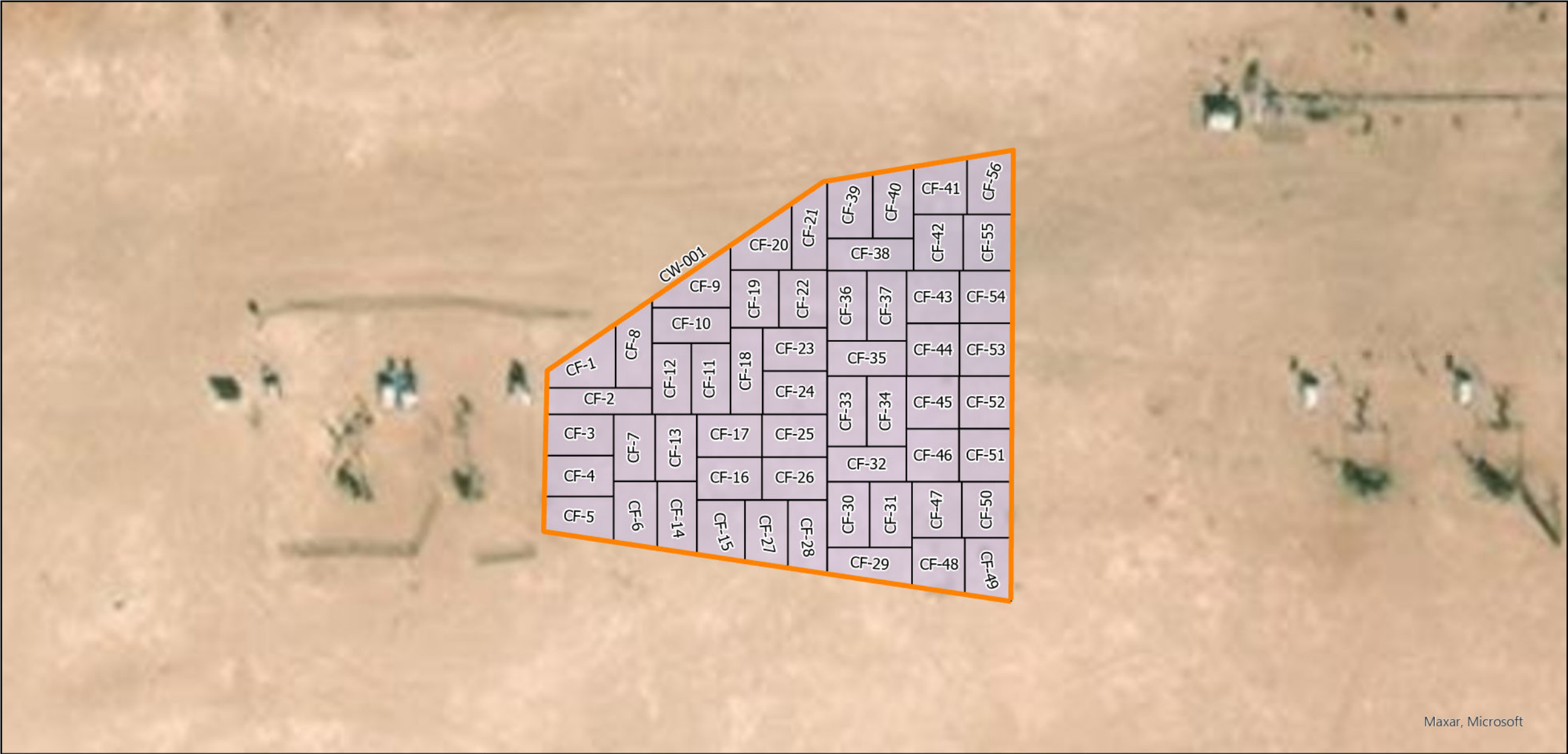


Legend:

- Sample Point
- Release Area

Delineation Map
OXY USA, Inc.
Mesa Verde BS Unit #8
32.2109622, -103.7015845
Lea County, New Mexico
NMOCD Reference # NOY1807332612

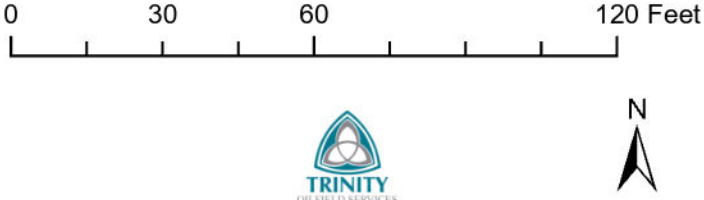




Legend:

- Remediation Walls
- Remediation Floor
- Excavation Area

Remediation Map
OXY USA, Inc.
Mesa Verde BS Unit #8
32.2109622, -103.7015845
Lea County, New Mexico
NMOCD Reference # NOY1807332612





SOIL BORE LOG SB-13

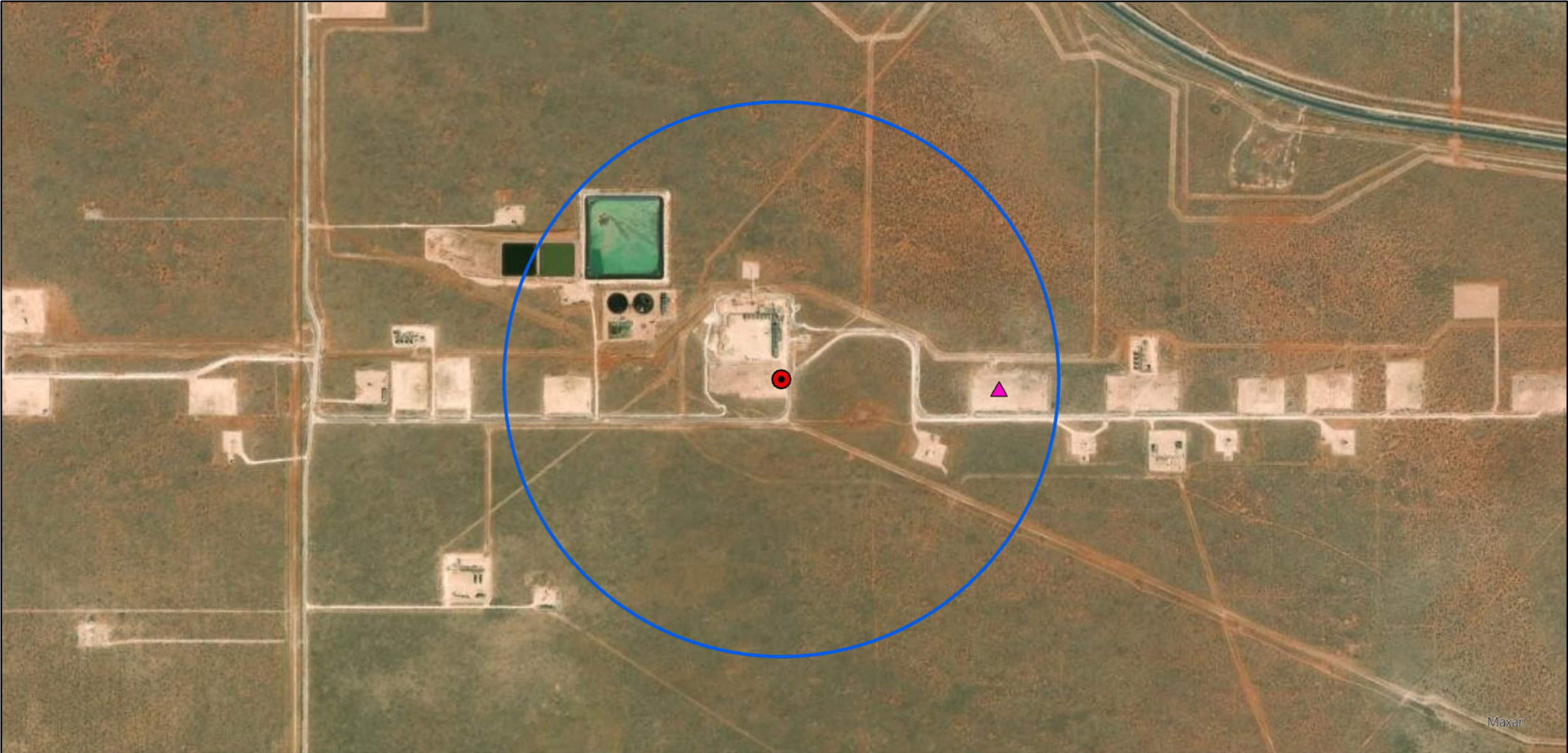
| | | |
|---|---------------------------------|---|
| PROJECT NAME Mesa Verde BS Unit #8 | DRILLING DATE 06/21/2023 | COORDINATES 32.21119430, -103.70826819 |
| CLIENT OXY USA, Inc. | TOTAL DEPTH 105' | COORD SYS NAD 83 |
| | | ULSTR P-18-24S-32E |
| | | SURFACE ELEVATION 3721' |

| | |
|---|---|
| COMMENTS Spud on the Southeast side of the Mesa Verde Bone Spring Unit #011H Well Pad. Bore Hole was observed to be dry after 72 hrs. | LOGGED BY CJ CHECKED BY DD |
|---|---|

| Depth (ft) | Moisture | Material Description | Elevation (ft) |
|------------|----------|-------------------------------------|----------------|
| 5 | D | Reddish Yellow Sandy Clay Loam. Dry | 3720 |
| | | Reddish Yellow Sandy Loam. Dry | 3715 |
| 10 | | Light Red Sandy Clay Loam. Dry | 3710 |
| 15 | | Red Sandy Loam. Dry | 3705 |
| 20 | | Reddish Brown Sandy Loam. Dry | 3700 |
| 25 | | Red Sandy Clay Loam. Dry | 3695 |
| 30 | | | 3690 |
| 35 | | | 3685 |
| 40 | | | 3680 |
| 45 | | Red Sandy Clay. Dry | 3675 |
| 50 | | | 3670 |
| 55 | | | 3665 |
| 60 | | Yellowish Red Sandy Clay Loam. Dry | 3660 |
| 65 | | Red Sandy Clay Loam. Dry | 3655 |
| 70 | | | 3650 |
| 75 | | | 3645 |
| 80 | | | 3640 |
| 85 | | Red Sandy Clay. Dry | 3635 |
| 90 | | Red Sandy Clay Loam. Dry | 3630 |
| 95 | | | 3625 |
| 100 | | | 3620 |
| 105 | | Termination Depth at: 105 ft. | 3615 |

Disclaimer This bore log is intended to evidence a depth to groundwater greater than 105'.

Page 1 of 1



Legend:

- ▲ Site Location
- Soil Bore
- 1/2 Mile Buffer

Soil Bore Map
OXY USA, Inc.
Mesa Verde BS Unit #8
Lea County, New Mexico
32.2109622, -103.7015845
NMOCD Reference # NOY1807332612



OXY USA, Inc. – Mesa Verde BS Unit #8
Unit Letter “M” (SW/SW), Section 17, Township 24S, Range 32E



Release Site



Release Site

OXY USA, Inc. – Mesa Verde BS Unit #8
Unit Letter “M” (SW/SW), Section 17, Township 24S, Range 32E



Release Site



Release Site



Excavation

Pad:



Pad:





Excavation

Pad:



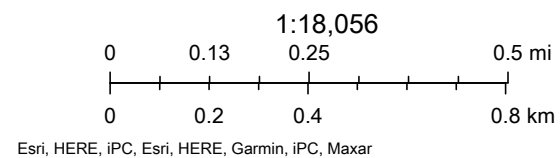
Soil Bore Hole:



NOY1807332612 | MESA VERDE BS UNIT #8



5/2/2023, 8:44:04 AM



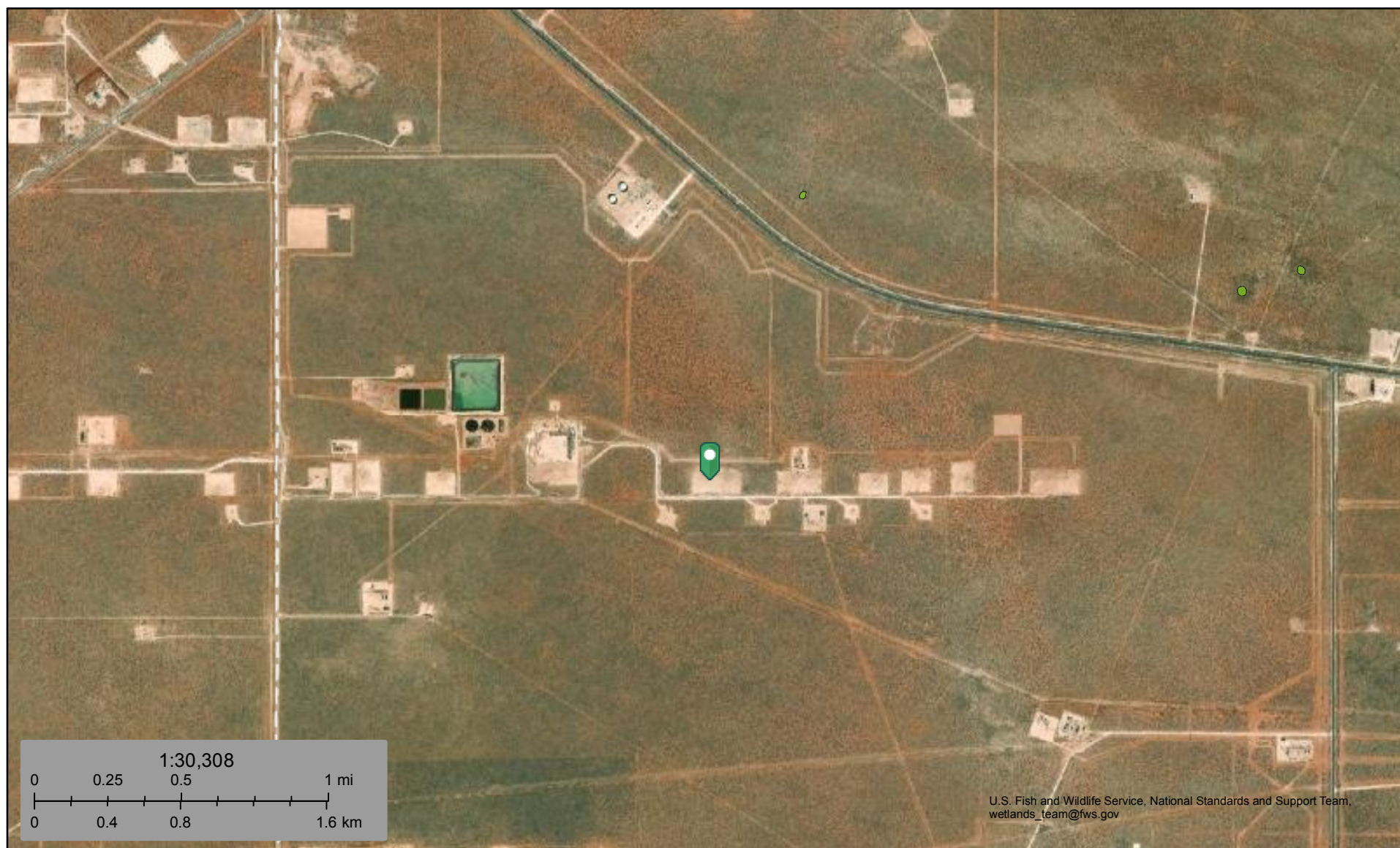


U.S. Fish and Wildlife Service

National Wetlands Inventory

180 332 12

8



May 2, 2023

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

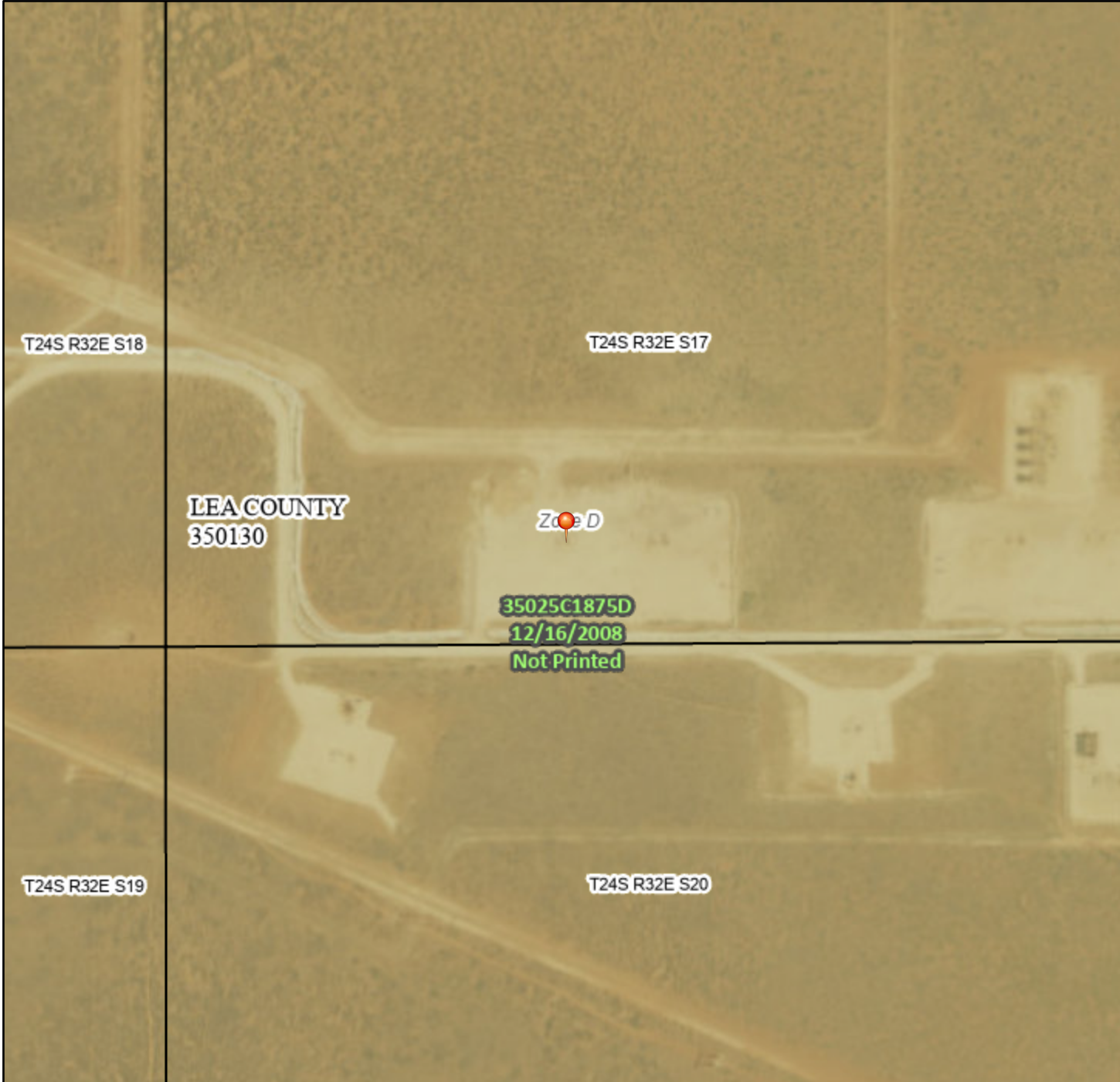
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Flood Hazard Layer FIRMette



103°42'24"W 32°12'55"N



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

| | | |
|-----------------------------|--|---|
| SPECIAL FLOOD HAZARD AREAS | | Without Base Flood Elevation (BFE) Zone A, V, A99 |
| | | With BFE or Depth Zone AE, AO, AH, VE, AR |
| | | Regulatory Floodway |
| OTHER AREAS OF FLOOD HAZARD | | 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X |
| | | Future Conditions 1% Annual Chance Flood Hazard Zone X |
| | | Area with Reduced Flood Risk due to Levee. See Notes. Zone X |
| | | Area with Flood Risk due to Levee Zone D |
| OTHER AREAS | | NO SCREEN Area of Minimal Flood Hazard Zone X |
| | | Effective LOMRs |
| | | Area of Undetermined Flood Hazard Zone D |
| GENERAL STRUCTURES | | Channel, Culvert, or Storm Sewer |
| | | Levee, Dike, or Floodwall |
| OTHER FEATURES | | 20.2 Cross Sections with 1% Annual Chance Water Surface Elevation |
| | | 17.5 Cross Sections with 1% Annual Chance Water Surface Elevation |
| | | Coastal Transect |
| | | Base Flood Elevation Line (BFE) |
| | | Limit of Study |
| | | Jurisdiction Boundary |
| | | Coastal Transect Baseline |
| | | Profile Baseline |
| MAP PANELS | | Digital Data Available |
| | | No Digital Data Available |
| | | Unmapped |



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/2/2023 at 10:48 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

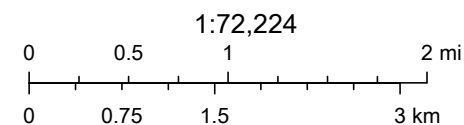
NOY1807332612 | MESA VERDE BS UNIT #8



5/2/2023, 8:46:48 AM

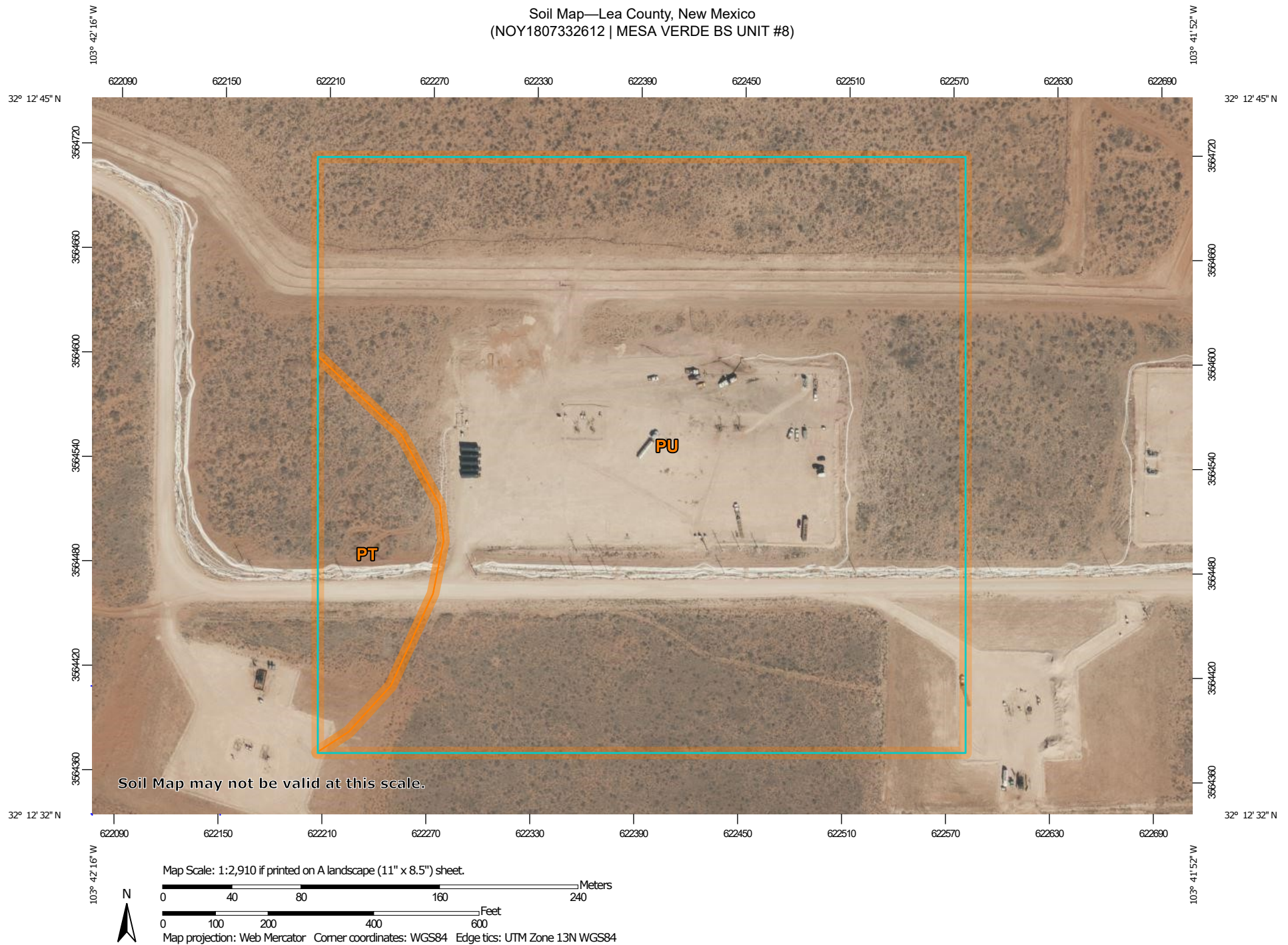
Karst Occurrence Potential

 Low



BLM, OCD, New Mexico Tech, Earthstar Geographics

Soil Map—Lea County, New Mexico
(NOY1807332612 | MESA VERDE BS UNIT #8)



Natural Resources
Conservation Service


Web Soil Survey
National Cooperative Soil Survey

5/2/2023
Page 1 of 3

Soil Map—Lea County, New Mexico
(NOY1807332612 | MESA VERDE BS UNIT #8)


MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 19, Sep 8, 2022

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

| Map Unit Symbol | Map Unit Name | Acres in AOI | Percent of AOI |
|-----------------------------|-------------------------------|--------------|----------------|
| PT | Pyote loamy fine sand | 2.7 | 8.5% |
| PU | Pyote and Maljamar fine sands | 29.1 | 91.5% |
| Totals for Area of Interest | | 31.8 | 100.0% |



Certificate of Analysis Summary 617507

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Project Name: Mesa Verde BS Unit #8



Project Id:

Contact: Ben Arguijo

Project Location:

Date Received in Lab: Wed Mar-13-19 12:45 pm

Report Date: 21-MAR-19

Project Manager: Holly Taylor

| <i>Analysis Requested</i> | <i>Lab Id:</i> | 617507-001 | 617507-002 | 617507-003 | 617507-004 | 617507-005 | 617507-006 |
|------------------------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | <i>Field Id:</i> | SP-1 | SP-2 | SP-3 | SP-4 | SP-5 | SP-6 |
| | <i>Depth:</i> | | | | | | |
| | <i>Matrix:</i> | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| | <i>Sampled:</i> | Mar-06-19 11:50 | Mar-06-19 11:56 | Mar-06-19 12:03 | Mar-06-19 12:08 | Mar-06-19 12:12 | Mar-06-19 12:14 |
| BTEX by EPA 8021B | <i>Extracted:</i> | Mar-19-19 13:00 | Mar-19-19 13:00 | Mar-19-19 13:00 | Mar-19-19 13:00 | Mar-19-19 13:00 | Mar-19-19 13:00 |
| | <i>Analyzed:</i> | Mar-19-19 20:54 | Mar-19-19 21:13 | Mar-19-19 21:32 | Mar-19-19 21:51 | Mar-19-19 22:10 | Mar-19-19 22:29 |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL |
| Benzene | | <0.00200 0.00200 | <0.00202 0.00202 | <0.00200 0.00200 | <0.00200 0.00200 | <0.00201 0.00201 | <0.00199 0.00199 |
| Toluene | | <0.00200 0.00200 | <0.00202 0.00202 | <0.00200 0.00200 | <0.00200 0.00200 | <0.00201 0.00201 | <0.00199 0.00199 |
| Ethylbenzene | | <0.00200 0.00200 | <0.00202 0.00202 | <0.00200 0.00200 | <0.00200 0.00200 | <0.00201 0.00201 | <0.00199 0.00199 |
| m,p-Xylenes | | 0.00461 0.00400 | <0.00403 0.00403 | <0.00400 0.00400 | <0.00399 0.00399 | <0.00402 0.00402 | <0.00398 0.00398 |
| o-Xylene | | <0.00200 0.00200 | <0.00202 0.00202 | <0.00200 0.00200 | <0.00200 0.00200 | <0.00201 0.00201 | <0.00199 0.00199 |
| Total Xylenes | | 0.00461 0.00200 | <0.00202 0.00202 | <0.00200 0.00200 | <0.00200 0.00200 | <0.00201 0.00201 | <0.00199 0.00199 |
| Total BTEX | | 0.00461 0.00200 | <0.00202 0.00202 | <0.00200 0.00200 | <0.00200 0.00200 | <0.00201 0.00201 | <0.00199 0.00199 |
| Chloride by EPA 300 | <i>Extracted:</i> | Mar-14-19 12:00 | Mar-14-19 12:00 | Mar-14-19 12:00 | Mar-14-19 12:00 | Mar-14-19 12:00 | Mar-14-19 12:00 |
| | <i>Analyzed:</i> | Mar-14-19 16:11 | Mar-14-19 16:22 | Mar-14-19 16:33 | Mar-14-19 16:43 | Mar-14-19 16:54 | Mar-14-19 17:05 |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL |
| Chloride | | 502 5.00 | 388 5.00 | 514 4.95 | 18.8 4.99 | <5.00 5.00 | 106 4.96 |
| TPH By SW8015 Mod | <i>Extracted:</i> | Mar-15-19 10:00 | Mar-15-19 10:00 | Mar-15-19 10:00 | Mar-15-19 10:00 | Mar-15-19 10:00 | Mar-15-19 10:00 |
| | <i>Analyzed:</i> | Mar-15-19 16:29 | Mar-15-19 17:27 | Mar-15-19 17:47 | Mar-15-19 18:07 | Mar-15-19 18:26 | Mar-15-19 18:46 |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL |
| Gasoline Range Hydrocarbons (GRO) | | <14.9 14.9 | <15.0 15.0 | <14.9 14.9 | <15.0 15.0 | <15.0 15.0 | <15.0 15.0 |
| Diesel Range Organics (DRO) | | <14.9 14.9 | <15.0 15.0 | 121 14.9 | <15.0 15.0 | <15.0 15.0 | <15.0 15.0 |
| Motor Oil Range Hydrocarbons (MRO) | | <14.9 14.9 | <15.0 15.0 | 28.0 14.9 | <15.0 15.0 | <15.0 15.0 | <15.0 15.0 |
| Total TPH | | <14.9 14.9 | <15.0 15.0 | 149 14.9 | <15.0 15.0 | <15.0 15.0 | <15.0 15.0 |

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Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Holly Taylor
Project Manager



Certificate of Analysis Summary 617507

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Project Name: Mesa Verde BS Unit #8



Project Id:

Contact: Ben Arguijo

Project Location:

Date Received in Lab: Wed Mar-13-19 12:45 pm

Report Date: 21-MAR-19

Project Manager: Holly Taylor

| <i>Analysis Requested</i> | <i>Lab Id:</i> | 617507-007 | 617507-008 | 617507-009 | 617507-010 | 617507-011 | 617507-012 |
|------------------------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | <i>Field Id:</i> | SP-7 | SP-8 | SP-9 | SP-10 | SP-11 | SP-12 |
| | <i>Depth:</i> | | | | | | |
| | <i>Matrix:</i> | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| | <i>Sampled:</i> | Mar-06-19 12:17 | Mar-06-19 12:19 | Mar-06-19 12:21 | Mar-06-19 13:29 | Mar-06-19 13:32 | Mar-06-19 13:34 |
| BTEX by EPA 8021B | <i>Extracted:</i> | Mar-19-19 13:00 | Mar-19-19 13:00 | Mar-19-19 13:00 | Mar-19-19 13:00 | Mar-19-19 13:00 | Mar-19-19 13:00 |
| | <i>Analyzed:</i> | Mar-19-19 22:48 | Mar-19-19 23:07 | Mar-19-19 23:26 | Mar-19-19 23:45 | Mar-20-19 00:59 | Mar-20-19 01:18 |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL |
| Benzene | | <0.00199 0.00199 | <0.00202 0.00202 | <0.00198 0.00198 | <0.00200 0.00200 | <0.00200 0.00200 | <0.00199 0.00199 |
| Toluene | | <0.00199 0.00199 | <0.00202 0.00202 | <0.00198 0.00198 | <0.00200 0.00200 | <0.00200 0.00200 | <0.00199 0.00199 |
| Ethylbenzene | | <0.00199 0.00199 | <0.00202 0.00202 | <0.00198 0.00198 | <0.00200 0.00200 | 0.00275 0.00200 | <0.00199 0.00199 |
| m,p-Xylenes | | <0.00398 0.00398 | <0.00403 0.00403 | <0.00397 0.00397 | <0.00400 0.00400 | <0.00401 0.00401 | <0.00398 0.00398 |
| o-Xylene | | <0.00199 0.00199 | <0.00202 0.00202 | <0.00198 0.00198 | <0.00200 0.00200 | <0.00200 0.00200 | <0.00199 0.00199 |
| Total Xylenes | | <0.00199 0.00199 | <0.00202 0.00202 | <0.00198 0.00198 | <0.00200 0.00200 | <0.00200 0.00200 | <0.00199 0.00199 |
| Total BTEX | | <0.00199 0.00199 | <0.00202 0.00202 | <0.00198 0.00198 | <0.00200 0.00200 | 0.00275 0.00200 | <0.00199 0.00199 |
| Chloride by EPA 300 | <i>Extracted:</i> | Mar-14-19 12:00 | Mar-14-19 12:30 | Mar-14-19 12:30 | Mar-14-19 12:30 | Mar-14-19 12:30 | Mar-14-19 12:30 |
| | <i>Analyzed:</i> | Mar-14-19 17:15 | Mar-15-19 08:55 | Mar-15-19 09:14 | Mar-15-19 09:20 | Mar-15-19 09:26 | Mar-15-19 09:32 |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL |
| Chloride | | 156 5.00 | 10.4 5.01 | 83.2 5.01 | 44.5 5.00 | 68.0 4.97 | 45.8 4.98 |
| TPH By SW8015 Mod | <i>Extracted:</i> | Mar-15-19 10:00 | Mar-15-19 10:00 | Mar-15-19 10:00 | Mar-15-19 10:00 | Mar-15-19 10:00 | Mar-15-19 10:00 |
| | <i>Analyzed:</i> | Mar-15-19 19:05 | Mar-15-19 19:25 | Mar-15-19 19:44 | Mar-15-19 20:04 | Mar-15-19 21:02 | Mar-15-19 21:22 |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL |
| Gasoline Range Hydrocarbons (GRO) | | <15.0 15.0 | <15.0 15.0 | <15.0 15.0 | <15.0 15.0 | <15.0 15.0 | <15.0 15.0 |
| Diesel Range Organics (DRO) | | <15.0 15.0 | <15.0 15.0 | <15.0 15.0 | <15.0 15.0 | <15.0 15.0 | <15.0 15.0 |
| Motor Oil Range Hydrocarbons (MRO) | | <15.0 15.0 | <15.0 15.0 | <15.0 15.0 | <15.0 15.0 | <15.0 15.0 | <15.0 15.0 |
| Total TPH | | <15.0 15.0 | <15.0 15.0 | <15.0 15.0 | <15.0 15.0 | <15.0 15.0 | <15.0 15.0 |

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Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Holly Taylor
Project Manager



Certificate of Analysis Summary 617507

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Project Name: Mesa Verde BS Unit #8



Project Id:

Contact: Ben Arguijo

Project Location:

Date Received in Lab: Wed Mar-13-19 12:45 pm

Report Date: 21-MAR-19

Project Manager: Holly Taylor

| <i>Analysis Requested</i> | <i>Lab Id:</i> | 617507-013 | 617507-014 | 617507-015 | 617507-016 | 617507-017 | 617507-018 |
|------------------------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | <i>Field Id:</i> | SP-13 | SP-14 | SP-15 | SP-16 | SP-17 | SP-18 |
| | <i>Depth:</i> | | | | | | |
| | <i>Matrix:</i> | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| | <i>Sampled:</i> | Mar-06-19 13:40 | Mar-06-19 13:43 | Mar-06-19 13:45 | Mar-07-19 10:54 | Mar-07-19 10:57 | Mar-07-19 11:01 |
| BTEX by EPA 8021B | <i>Extracted:</i> | Mar-19-19 13:00 | Mar-19-19 13:00 | Mar-19-19 13:00 | Mar-20-19 13:30 | Mar-20-19 13:30 | Mar-20-19 13:30 |
| | <i>Analyzed:</i> | Mar-20-19 01:37 | Mar-20-19 01:56 | Mar-20-19 02:15 | Mar-20-19 22:45 | Mar-20-19 23:04 | Mar-20-19 23:23 |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL |
| Benzene | | <0.00200 0.00200 | <0.00201 0.00201 | <0.00199 0.00199 | <0.00200 0.00200 | <0.00200 0.00200 | <0.00199 0.00199 |
| Toluene | | <0.00200 0.00200 | <0.00201 0.00201 | <0.00199 0.00199 | <0.00200 0.00200 | <0.00200 0.00200 | <0.00199 0.00199 |
| Ethylbenzene | | <0.00200 0.00200 | <0.00201 0.00201 | <0.00199 0.00199 | <0.00200 0.00200 | <0.00200 0.00200 | <0.00199 0.00199 |
| m,p-Xylenes | | <0.00399 0.00399 | <0.00402 0.00402 | <0.00398 0.00398 | <0.00400 0.00400 | <0.00401 0.00401 | <0.00398 0.00398 |
| o-Xylene | | <0.00200 0.00200 | <0.00201 0.00201 | <0.00199 0.00199 | <0.00200 0.00200 | <0.00200 0.00200 | <0.00199 0.00199 |
| Total Xylenes | | <0.00200 0.00200 | <0.00201 0.00201 | <0.00199 0.00199 | <0.00200 0.00200 | <0.00200 0.00200 | <0.00199 0.00199 |
| Total BTEX | | <0.00200 0.00200 | <0.00201 0.00201 | <0.00199 0.00199 | <0.00200 0.00200 | <0.00200 0.00200 | <0.00199 0.00199 |
| Chloride by EPA 300 | <i>Extracted:</i> | Mar-14-19 12:30 | Mar-14-19 12:30 | Mar-14-19 12:30 | Mar-14-19 12:30 | Mar-14-19 15:00 | Mar-14-19 15:00 |
| | <i>Analyzed:</i> | Mar-15-19 09:50 | Mar-15-19 09:56 | Mar-15-19 10:02 | Mar-15-19 10:08 | Mar-14-19 17:48 | Mar-14-19 18:06 |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL |
| Chloride | | 56.4 4.96 | 8.74 5.01 | 16.4 4.97 | 280 4.97 | 113 4.97 | 101 5.00 |
| TPH By SW8015 Mod | <i>Extracted:</i> | Mar-15-19 10:00 | Mar-15-19 10:00 | Mar-15-19 10:00 | Mar-15-19 10:00 | Mar-15-19 10:00 | Mar-15-19 10:00 |
| | <i>Analyzed:</i> | Mar-15-19 21:42 | Mar-15-19 22:01 | Mar-15-19 22:21 | Mar-15-19 22:40 | Mar-15-19 23:00 | Mar-15-19 23:20 |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL |
| Gasoline Range Hydrocarbons (GRO) | | <15.0 15.0 | <14.9 14.9 | <15.0 15.0 | <15.0 15.0 | <15.0 15.0 | <15.0 15.0 |
| Diesel Range Organics (DRO) | | <15.0 15.0 | <14.9 14.9 | <15.0 15.0 | 307 15.0 | 66.0 15.0 | <15.0 15.0 |
| Motor Oil Range Hydrocarbons (MRO) | | <15.0 15.0 | <14.9 14.9 | <15.0 15.0 | 309 15.0 | 498 15.0 | <15.0 15.0 |
| Total TPH | | <15.0 15.0 | <14.9 14.9 | <15.0 15.0 | 616 15.0 | 564 15.0 | <15.0 15.0 |

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Holly Taylor
Project Manager



Certificate of Analysis Summary 617507

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Project Name: Mesa Verde BS Unit #8



Project Id:

Contact: Ben Arguijo

Project Location:

Date Received in Lab: Wed Mar-13-19 12:45 pm

Report Date: 21-MAR-19

Project Manager: Holly Taylor

| | | | | | | | |
|------------------------------------|-------------------|------------------|--|--|--|--|--|
| Analysis Requested | Lab Id: | 617507-019 | | | | | |
| | Field Id: | SP-19 | | | | | |
| | Depth: | | | | | | |
| | Matrix: | SOIL | | | | | |
| | Sampled: | Mar-07-19 11:03 | | | | | |
| BTEX by EPA 8021B | Extracted: | Mar-20-19 13:30 | | | | | |
| | Analyzed: | Mar-20-19 23:42 | | | | | |
| | Units/RL: | mg/kg RL | | | | | |
| Benzene | | <0.00199 0.00199 | | | | | |
| Toluene | | <0.00199 0.00199 | | | | | |
| Ethylbenzene | | <0.00199 0.00199 | | | | | |
| m,p-Xylenes | | <0.00398 0.00398 | | | | | |
| o-Xylene | | <0.00199 0.00199 | | | | | |
| Total Xylenes | | <0.00199 0.00199 | | | | | |
| Total BTEX | | <0.00199 0.00199 | | | | | |
| Chloride by EPA 300 | Extracted: | Mar-14-19 15:00 | | | | | |
| | Analyzed: | Mar-14-19 18:12 | | | | | |
| | Units/RL: | mg/kg RL | | | | | |
| Chloride | | 189 4.96 | | | | | |
| TPH By SW8015 Mod | Extracted: | Mar-15-19 10:00 | | | | | |
| | Analyzed: | Mar-15-19 23:39 | | | | | |
| | Units/RL: | mg/kg RL | | | | | |
| Gasoline Range Hydrocarbons (GRO) | | <15.0 15.0 | | | | | |
| Diesel Range Organics (DRO) | | 116 15.0 | | | | | |
| Motor Oil Range Hydrocarbons (MRO) | | 19.5 15.0 | | | | | |
| Total TPH | | 136 15.0 | | | | | |

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Holly Taylor
Project Manager

Analytical Report 617507

for

Trinity Oilfield Services & Rentals, LLC

Project Manager: Ben Arguijo

Mesa Verde BS Unit #8

21-MAR-19

Collected By: Client



1211 W. Florida Ave
Midland TX 79701

Xenco-Houston (EPA Lab Code: TX00122):
Texas (T104704215-18-28), Arizona (AZ0765), Florida (E871002-24), Louisiana (03054)
Oklahoma (2017-142)

Xenco-Dallas (EPA Lab Code: TX01468):
Texas (T104704295-18-17), Arizona (AZ0809), Arkansas (17-063-0)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-18-14)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-18-18)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-18-18)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-18-4)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757)
Xenco-Phoenix Mobile (EPA Lab Code: AZ00901): Arizona (AZM757)
Xenco-Atlanta (LELAP Lab ID #04176)
Xenco-Tampa: Florida (E87429), North Carolina (483)
Xenco-Lakeland: Florida (E84098)



21-MAR-19

Project Manager: **Ben Arguijo**
Trinity Oilfield Services & Rentals, LLC
PO BOX 2587
Hobbs, NM 88241

Reference: XENCO Report No(s): **617507**
Mesa Verde BS Unit #8
Project Address:

Ben Arguijo:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 617507. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 617507 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

A handwritten signature in black ink that reads 'Holly Taylor'.

Holly Taylor
Project Manager

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - Midland - San Antonio - Phoenix - Oklahoma - Latin America



Sample Cross Reference 617507

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

| Sample Id | Matrix | Date Collected | Sample Depth | Lab Sample Id |
|-----------|--------|----------------|--------------|---------------|
| SP-1 | S | 03-06-19 11:50 | | 617507-001 |
| SP-2 | S | 03-06-19 11:56 | | 617507-002 |
| SP-3 | S | 03-06-19 12:03 | | 617507-003 |
| SP-4 | S | 03-06-19 12:08 | | 617507-004 |
| SP-5 | S | 03-06-19 12:12 | | 617507-005 |
| SP-6 | S | 03-06-19 12:14 | | 617507-006 |
| SP-7 | S | 03-06-19 12:17 | | 617507-007 |
| SP-8 | S | 03-06-19 12:19 | | 617507-008 |
| SP-9 | S | 03-06-19 12:21 | | 617507-009 |
| SP-10 | S | 03-06-19 13:29 | | 617507-010 |
| SP-11 | S | 03-06-19 13:32 | | 617507-011 |
| SP-12 | S | 03-06-19 13:34 | | 617507-012 |
| SP-13 | S | 03-06-19 13:40 | | 617507-013 |
| SP-14 | S | 03-06-19 13:43 | | 617507-014 |
| SP-15 | S | 03-06-19 13:45 | | 617507-015 |
| SP-16 | S | 03-07-19 10:54 | | 617507-016 |
| SP-17 | S | 03-07-19 10:57 | | 617507-017 |
| SP-18 | S | 03-07-19 11:01 | | 617507-018 |
| SP-19 | S | 03-07-19 11:03 | | 617507-019 |



CASE NARRATIVE

Client Name: Trinity Oilfield Services & Rentals, LLC

Project Name: Mesa Verde BS Unit #8

Project ID:

Work Order Number(s): 617507

Report Date: 21-MAR-19

Date Received: 03/13/2019

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3082733 BTEX by EPA 8021B

Soil samples were not received in Terracore kits and therefore were prepared by method 5030.

Surrogate 4-Bromofluorobenzene recovered above QC limits. Matrix interferences is suspected.

Samples affected are: 617507-001,617507-009,617507-015,617507-011,617507-012,617507-010.

Batch: LBA-3082772 BTEX by EPA 8021B

Soil samples were not received in Terracore kits and therefore were prepared by method 5030.

Surrogate 4-Bromofluorobenzene recovered above QC limits. Matrix interferences is suspected.

Samples affected are: 617507-019,617507-017.



Certificate of Analytical Results 617507



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-1**
Lab Sample Id: 617507-001

Matrix: Soil
Date Collected: 03.06.19 11.50

Date Received: 03.13.19 12.45

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

Analyst: CHE

Date Prep: 03.14.19 12.00

Basis: Wet Weight

Seq Number: 3082186

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 502 | 5.00 | mg/kg | 03.14.19 16.11 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

Tech: ARM

% Moisture:

Analyst: ARM

Date Prep: 03.15.19 10.00

Basis: Wet Weight

Seq Number: 3082335

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|--------|------|-------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <14.9 | 14.9 | mg/kg | 03.15.19 16.29 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <14.9 | 14.9 | mg/kg | 03.15.19 16.29 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <14.9 | 14.9 | mg/kg | 03.15.19 16.29 | U | 1 |
| Total TPH | PHC635 | <14.9 | 14.9 | mg/kg | 03.15.19 16.29 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|----------------|------------|------------|-------|--------|----------------|------|
| 1-Chlorooctane | 111-85-3 | 96 | % | 70-135 | 03.15.19 16.29 | |
| o-Terphenyl | 84-15-1 | 94 | % | 70-135 | 03.15.19 16.29 | |



Certificate of Analytical Results 617507



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-1**
Lab Sample Id: 617507-001

Matrix: Soil
Date Collected: 03.06.19 11.50

Date Received: 03.13.19 12.45

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SCM

% Moisture:

Analyst: SCM

Date Prep: 03.19.19 13.00

Basis: Wet Weight

Seq Number: 3082733

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00200 | 0.00200 | mg/kg | 03.19.19 20.54 | U | 1 |
| Toluene | 108-88-3 | <0.00200 | 0.00200 | mg/kg | 03.19.19 20.54 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00200 | 0.00200 | mg/kg | 03.19.19 20.54 | U | 1 |
| m,p-Xylenes | 179601-23-1 | 0.00461 | 0.00400 | mg/kg | 03.19.19 20.54 | | 1 |
| o-Xylene | 95-47-6 | <0.00200 | 0.00200 | mg/kg | 03.19.19 20.54 | U | 1 |
| Total Xylenes | 1330-20-7 | 0.00461 | 0.00200 | mg/kg | 03.19.19 20.54 | | 1 |
| Total BTEX | | 0.00461 | 0.00200 | mg/kg | 03.19.19 20.54 | | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | 460-00-4 | 173 | % | 70-130 | 03.19.19 20.54 | ** | |
| 1,4-Difluorobenzene | 540-36-3 | 108 | % | 70-130 | 03.19.19 20.54 | | |



Certificate of Analytical Results 617507



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-2**
Lab Sample Id: 617507-002

Matrix: Soil
Date Collected: 03.06.19 11.56

Date Received: 03.13.19 12.45

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

Analyst: CHE

Date Prep: 03.14.19 12.00

Basis: Wet Weight

Seq Number: 3082186

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 388 | 5.00 | mg/kg | 03.14.19 16.22 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

Tech: ARM

% Moisture:

Analyst: ARM

Date Prep: 03.15.19 10.00

Basis: Wet Weight

Seq Number: 3082335

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|--------|------|-------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | mg/kg | 03.15.19 17.27 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | mg/kg | 03.15.19 17.27 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | mg/kg | 03.15.19 17.27 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | mg/kg | 03.15.19 17.27 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|----------------|------------|------------|-------|--------|----------------|------|
| 1-Chlorooctane | 111-85-3 | 92 | % | 70-135 | 03.15.19 17.27 | |
| o-Terphenyl | 84-15-1 | 87 | % | 70-135 | 03.15.19 17.27 | |



Certificate of Analytical Results 617507



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-2**

Matrix: Soil

Date Received: 03.13.19 12.45

Lab Sample Id: 617507-002

Date Collected: 03.06.19 11.56

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SCM

% Moisture:

Analyst: SCM

Date Prep: 03.19.19 13.00

Basis: Wet Weight

Seq Number: 3082733

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00202 | 0.00202 | mg/kg | 03.19.19 21.13 | U | 1 |
| Toluene | 108-88-3 | <0.00202 | 0.00202 | mg/kg | 03.19.19 21.13 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00202 | 0.00202 | mg/kg | 03.19.19 21.13 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00403 | 0.00403 | mg/kg | 03.19.19 21.13 | U | 1 |
| o-Xylene | 95-47-6 | <0.00202 | 0.00202 | mg/kg | 03.19.19 21.13 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00202 | 0.00202 | mg/kg | 03.19.19 21.13 | U | 1 |
| Total BTEX | | <0.00202 | 0.00202 | mg/kg | 03.19.19 21.13 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | 460-00-4 | 122 | % | 70-130 | 03.19.19 21.13 | | |
| 1,4-Difluorobenzene | 540-36-3 | 116 | % | 70-130 | 03.19.19 21.13 | | |



Certificate of Analytical Results 617507



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-3**
Lab Sample Id: 617507-003

Matrix: Soil
Date Collected: 03.06.19 12.03

Date Received: 03.13.19 12.45

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

Analyst: CHE

Date Prep: 03.14.19 12.00

Basis: Wet Weight

Seq Number: 3082186

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 514 | 4.95 | mg/kg | 03.14.19 16.33 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

Tech: ARM

% Moisture:

Analyst: ARM

Date Prep: 03.15.19 10.00

Basis: Wet Weight

Seq Number: 3082335

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|--------|------|-------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <14.9 | 14.9 | mg/kg | 03.15.19 17.47 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | 121 | 14.9 | mg/kg | 03.15.19 17.47 | | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | 28.0 | 14.9 | mg/kg | 03.15.19 17.47 | | 1 |
| Total TPH | PHC635 | 149 | 14.9 | mg/kg | 03.15.19 17.47 | | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|----------------|------------|------------|-------|--------|----------------|------|
| 1-Chlorooctane | 111-85-3 | 93 | % | 70-135 | 03.15.19 17.47 | |
| o-Terphenyl | 84-15-1 | 91 | % | 70-135 | 03.15.19 17.47 | |



Certificate of Analytical Results 617507



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-3**

Matrix: Soil

Date Received: 03.13.19 12.45

Lab Sample Id: 617507-003

Date Collected: 03.06.19 12.03

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SCM

% Moisture:

Analyst: SCM

Date Prep: 03.19.19 13.00

Basis: Wet Weight

Seq Number: 3082733

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00200 | 0.00200 | mg/kg | 03.19.19 21.32 | U | 1 |
| Toluene | 108-88-3 | <0.00200 | 0.00200 | mg/kg | 03.19.19 21.32 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00200 | 0.00200 | mg/kg | 03.19.19 21.32 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00400 | 0.00400 | mg/kg | 03.19.19 21.32 | U | 1 |
| o-Xylene | 95-47-6 | <0.00200 | 0.00200 | mg/kg | 03.19.19 21.32 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00200 | 0.00200 | mg/kg | 03.19.19 21.32 | U | 1 |
| Total BTEX | | <0.00200 | 0.00200 | mg/kg | 03.19.19 21.32 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | 460-00-4 | 120 | % | 70-130 | 03.19.19 21.32 | | |
| 1,4-Difluorobenzene | 540-36-3 | 117 | % | 70-130 | 03.19.19 21.32 | | |



Certificate of Analytical Results 617507



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-4**
Lab Sample Id: 617507-004

Matrix: Soil
Date Collected: 03.06.19 12.08

Date Received: 03.13.19 12.45

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

Analyst: CHE

Date Prep: 03.14.19 12.00

Basis: Wet Weight

Seq Number: 3082186

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 18.8 | 4.99 | mg/kg | 03.14.19 16.43 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

Tech: ARM

% Moisture:

Analyst: ARM

Date Prep: 03.15.19 10.00

Basis: Wet Weight

Seq Number: 3082335

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|--------|------|-------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | mg/kg | 03.15.19 18.07 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | mg/kg | 03.15.19 18.07 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | mg/kg | 03.15.19 18.07 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | mg/kg | 03.15.19 18.07 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|----------------|------------|------------|-------|--------|----------------|------|
| 1-Chlorooctane | 111-85-3 | 88 | % | 70-135 | 03.15.19 18.07 | |
| o-Terphenyl | 84-15-1 | 85 | % | 70-135 | 03.15.19 18.07 | |



Certificate of Analytical Results 617507



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-4**

Matrix: Soil

Date Received: 03.13.19 12.45

Lab Sample Id: 617507-004

Date Collected: 03.06.19 12.08

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SCM

% Moisture:

Analyst: SCM

Date Prep: 03.19.19 13.00

Basis: Wet Weight

Seq Number: 3082733

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00200 | 0.00200 | mg/kg | 03.19.19 21.51 | U | 1 |
| Toluene | 108-88-3 | <0.00200 | 0.00200 | mg/kg | 03.19.19 21.51 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00200 | 0.00200 | mg/kg | 03.19.19 21.51 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00399 | 0.00399 | mg/kg | 03.19.19 21.51 | U | 1 |
| o-Xylene | 95-47-6 | <0.00200 | 0.00200 | mg/kg | 03.19.19 21.51 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00200 | 0.00200 | mg/kg | 03.19.19 21.51 | U | 1 |
| Total BTEX | | <0.00200 | 0.00200 | mg/kg | 03.19.19 21.51 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | 460-00-4 | 122 | % | 70-130 | 03.19.19 21.51 | | |
| 1,4-Difluorobenzene | 540-36-3 | 115 | % | 70-130 | 03.19.19 21.51 | | |



Certificate of Analytical Results 617507



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-5**
Lab Sample Id: 617507-005

Matrix: Soil
Date Collected: 03.06.19 12.12

Date Received: 03.13.19 12.45

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

Analyst: CHE

Date Prep: 03.14.19 12.00

Basis: Wet Weight

Seq Number: 3082186

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | <5.00 | 5.00 | mg/kg | 03.14.19 16.54 | U | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

Tech: ARM

% Moisture:

Analyst: ARM

Date Prep: 03.15.19 10.00

Basis: Wet Weight

Seq Number: 3082335

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|--------|------|-------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | mg/kg | 03.15.19 18.26 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | mg/kg | 03.15.19 18.26 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | mg/kg | 03.15.19 18.26 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | mg/kg | 03.15.19 18.26 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|----------------|------------|------------|-------|--------|----------------|------|
| 1-Chlorooctane | 111-85-3 | 90 | % | 70-135 | 03.15.19 18.26 | |
| o-Terphenyl | 84-15-1 | 90 | % | 70-135 | 03.15.19 18.26 | |



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Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-5**

Matrix: Soil

Date Received: 03.13.19 12.45

Lab Sample Id: 617507-005

Date Collected: 03.06.19 12.12

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SCM

% Moisture:

Analyst: SCM

Date Prep: 03.19.19 13.00

Basis: Wet Weight

Seq Number: 3082733

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00201 | 0.00201 | mg/kg | 03.19.19 22.10 | U | 1 |
| Toluene | 108-88-3 | <0.00201 | 0.00201 | mg/kg | 03.19.19 22.10 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00201 | 0.00201 | mg/kg | 03.19.19 22.10 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00402 | 0.00402 | mg/kg | 03.19.19 22.10 | U | 1 |
| o-Xylene | 95-47-6 | <0.00201 | 0.00201 | mg/kg | 03.19.19 22.10 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00201 | 0.00201 | mg/kg | 03.19.19 22.10 | U | 1 |
| Total BTEX | | <0.00201 | 0.00201 | mg/kg | 03.19.19 22.10 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | 460-00-4 | 120 | % | 70-130 | 03.19.19 22.10 | | |
| 1,4-Difluorobenzene | 540-36-3 | 115 | % | 70-130 | 03.19.19 22.10 | | |



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Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-6**
Lab Sample Id: 617507-006

Matrix: Soil
Date Collected: 03.06.19 12.14

Date Received: 03.13.19 12.45

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

Analyst: CHE

Date Prep: 03.14.19 12.00

Basis: Wet Weight

Seq Number: 3082186

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 106 | 4.96 | mg/kg | 03.14.19 17.05 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

Tech: ARM

% Moisture:

Analyst: ARM

Date Prep: 03.15.19 10.00

Basis: Wet Weight

Seq Number: 3082335

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|--------|------|-------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | mg/kg | 03.15.19 18.46 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | mg/kg | 03.15.19 18.46 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | mg/kg | 03.15.19 18.46 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | mg/kg | 03.15.19 18.46 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|----------------|------------|------------|-------|--------|----------------|------|
| 1-Chlorooctane | 111-85-3 | 90 | % | 70-135 | 03.15.19 18.46 | |
| o-Terphenyl | 84-15-1 | 88 | % | 70-135 | 03.15.19 18.46 | |



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Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-6**

Matrix: Soil

Date Received: 03.13.19 12.45

Lab Sample Id: 617507-006

Date Collected: 03.06.19 12.14

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SCM

% Moisture:

Analyst: SCM

Date Prep: 03.19.19 13.00

Basis: Wet Weight

Seq Number: 3082733

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00199 | 0.00199 | mg/kg | 03.19.19 22.29 | U | 1 |
| Toluene | 108-88-3 | <0.00199 | 0.00199 | mg/kg | 03.19.19 22.29 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00199 | 0.00199 | mg/kg | 03.19.19 22.29 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00398 | 0.00398 | mg/kg | 03.19.19 22.29 | U | 1 |
| o-Xylene | 95-47-6 | <0.00199 | 0.00199 | mg/kg | 03.19.19 22.29 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00199 | 0.00199 | mg/kg | 03.19.19 22.29 | U | 1 |
| Total BTEX | | <0.00199 | 0.00199 | mg/kg | 03.19.19 22.29 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | 540-36-3 | 115 | % | 70-130 | 03.19.19 22.29 | | |
| 4-Bromofluorobenzene | 460-00-4 | 119 | % | 70-130 | 03.19.19 22.29 | | |



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Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-7**
Lab Sample Id: 617507-007

Matrix: Soil
Date Collected: 03.06.19 12.17

Date Received: 03.13.19 12.45

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

Analyst: CHE

Date Prep: 03.14.19 12.00

Basis: Wet Weight

Seq Number: 3082186

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 156 | 5.00 | mg/kg | 03.14.19 17.15 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

Tech: ARM

% Moisture:

Analyst: ARM

Date Prep: 03.15.19 10.00

Basis: Wet Weight

Seq Number: 3082335

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|--------|------|-------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | mg/kg | 03.15.19 19.05 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | mg/kg | 03.15.19 19.05 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | mg/kg | 03.15.19 19.05 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | mg/kg | 03.15.19 19.05 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|----------------|------------|------------|-------|--------|----------------|------|
| 1-Chlorooctane | 111-85-3 | 90 | % | 70-135 | 03.15.19 19.05 | |
| o-Terphenyl | 84-15-1 | 88 | % | 70-135 | 03.15.19 19.05 | |



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Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-7**

Matrix: Soil

Date Received: 03.13.19 12.45

Lab Sample Id: 617507-007

Date Collected: 03.06.19 12.17

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SCM

% Moisture:

Analyst: SCM

Date Prep: 03.19.19 13.00

Basis: Wet Weight

Seq Number: 3082733

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00199 | 0.00199 | mg/kg | 03.19.19 22.48 | U | 1 |
| Toluene | 108-88-3 | <0.00199 | 0.00199 | mg/kg | 03.19.19 22.48 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00199 | 0.00199 | mg/kg | 03.19.19 22.48 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00398 | 0.00398 | mg/kg | 03.19.19 22.48 | U | 1 |
| o-Xylene | 95-47-6 | <0.00199 | 0.00199 | mg/kg | 03.19.19 22.48 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00199 | 0.00199 | mg/kg | 03.19.19 22.48 | U | 1 |
| Total BTEX | | <0.00199 | 0.00199 | mg/kg | 03.19.19 22.48 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | 460-00-4 | 125 | % | 70-130 | 03.19.19 22.48 | | |
| 1,4-Difluorobenzene | 540-36-3 | 114 | % | 70-130 | 03.19.19 22.48 | | |



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Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-8**
Lab Sample Id: 617507-008

Matrix: Soil
Date Collected: 03.06.19 12.19

Date Received: 03.13.19 12.45

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

Analyst: CHE

Date Prep: 03.14.19 12.30

Basis: Wet Weight

Seq Number: 3082248

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 10.4 | 5.01 | mg/kg | 03.15.19 08.55 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

Tech: ARM

% Moisture:

Analyst: ARM

Date Prep: 03.15.19 10.00

Basis: Wet Weight

Seq Number: 3082335

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|--------|------|-------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | mg/kg | 03.15.19 19.25 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | mg/kg | 03.15.19 19.25 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | mg/kg | 03.15.19 19.25 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | mg/kg | 03.15.19 19.25 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|----------------|------------|------------|-------|--------|----------------|------|
| 1-Chlorooctane | 111-85-3 | 106 | % | 70-135 | 03.15.19 19.25 | |
| o-Terphenyl | 84-15-1 | 103 | % | 70-135 | 03.15.19 19.25 | |



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Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-8**

Matrix: Soil

Date Received: 03.13.19 12.45

Lab Sample Id: 617507-008

Date Collected: 03.06.19 12.19

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SCM

% Moisture:

Analyst: SCM

Date Prep: 03.19.19 13.00

Basis: Wet Weight

Seq Number: 3082733

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00202 | 0.00202 | mg/kg | 03.19.19 23.07 | U | 1 |
| Toluene | 108-88-3 | <0.00202 | 0.00202 | mg/kg | 03.19.19 23.07 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00202 | 0.00202 | mg/kg | 03.19.19 23.07 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00403 | 0.00403 | mg/kg | 03.19.19 23.07 | U | 1 |
| o-Xylene | 95-47-6 | <0.00202 | 0.00202 | mg/kg | 03.19.19 23.07 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00202 | 0.00202 | mg/kg | 03.19.19 23.07 | U | 1 |
| Total BTEX | | <0.00202 | 0.00202 | mg/kg | 03.19.19 23.07 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | 460-00-4 | 121 | % | 70-130 | 03.19.19 23.07 | | |
| 1,4-Difluorobenzene | 540-36-3 | 115 | % | 70-130 | 03.19.19 23.07 | | |



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Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-9**

Matrix: Soil

Date Received: 03.13.19 12.45

Lab Sample Id: 617507-009

Date Collected: 03.06.19 12.21

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

Analyst: CHE

Date Prep: 03.14.19 12.30

Basis: Wet Weight

Seq Number: 3082248

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 83.2 | 5.01 | mg/kg | 03.15.19 09.14 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

Tech: ARM

% Moisture:

Analyst: ARM

Date Prep: 03.15.19 10.00

Basis: Wet Weight

Seq Number: 3082335

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | mg/kg | 03.15.19 19.44 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | mg/kg | 03.15.19 19.44 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | mg/kg | 03.15.19 19.44 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | mg/kg | 03.15.19 19.44 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | 111-85-3 | 89 | % | 70-135 | 03.15.19 19.44 | | |
| o-Terphenyl | 84-15-1 | 87 | % | 70-135 | 03.15.19 19.44 | | |



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Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-9**

Matrix: Soil

Date Received: 03.13.19 12.45

Lab Sample Id: 617507-009

Date Collected: 03.06.19 12.21

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SCM

% Moisture:

Analyst: SCM

Date Prep: 03.19.19 13.00

Basis: Wet Weight

Seq Number: 3082733

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00198 | 0.00198 | mg/kg | 03.19.19 23.26 | U | 1 |
| Toluene | 108-88-3 | <0.00198 | 0.00198 | mg/kg | 03.19.19 23.26 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00198 | 0.00198 | mg/kg | 03.19.19 23.26 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00397 | 0.00397 | mg/kg | 03.19.19 23.26 | U | 1 |
| o-Xylene | 95-47-6 | <0.00198 | 0.00198 | mg/kg | 03.19.19 23.26 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00198 | 0.00198 | mg/kg | 03.19.19 23.26 | U | 1 |
| Total BTEX | | <0.00198 | 0.00198 | mg/kg | 03.19.19 23.26 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | 460-00-4 | 158 | % | 70-130 | 03.19.19 23.26 | ** | |
| 1,4-Difluorobenzene | 540-36-3 | 106 | % | 70-130 | 03.19.19 23.26 | | |



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Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-10**
Lab Sample Id: 617507-010

Matrix: Soil
Date Collected: 03.06.19 13.29

Date Received: 03.13.19 12.45

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

Analyst: CHE

Date Prep: 03.14.19 12.30

Basis: Wet Weight

Seq Number: 3082248

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 44.5 | 5.00 | mg/kg | 03.15.19 09.20 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

Tech: ARM

% Moisture:

Analyst: ARM

Date Prep: 03.15.19 10.00

Basis: Wet Weight

Seq Number: 3082335

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|--------|------|-------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | mg/kg | 03.15.19 20.04 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | mg/kg | 03.15.19 20.04 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | mg/kg | 03.15.19 20.04 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | mg/kg | 03.15.19 20.04 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|----------------|------------|------------|-------|--------|----------------|------|
| 1-Chlorooctane | 111-85-3 | 93 | % | 70-135 | 03.15.19 20.04 | |
| o-Terphenyl | 84-15-1 | 90 | % | 70-135 | 03.15.19 20.04 | |



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Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-10**
Lab Sample Id: 617507-010

Matrix: Soil
Date Collected: 03.06.19 13.29

Date Received: 03.13.19 12.45

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SCM

% Moisture:

Analyst: SCM

Date Prep: 03.19.19 13.00

Basis: Wet Weight

Seq Number: 3082733

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00200 | 0.00200 | mg/kg | 03.19.19 23.45 | U | 1 |
| Toluene | 108-88-3 | <0.00200 | 0.00200 | mg/kg | 03.19.19 23.45 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00200 | 0.00200 | mg/kg | 03.19.19 23.45 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00400 | 0.00400 | mg/kg | 03.19.19 23.45 | U | 1 |
| o-Xylene | 95-47-6 | <0.00200 | 0.00200 | mg/kg | 03.19.19 23.45 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00200 | 0.00200 | mg/kg | 03.19.19 23.45 | U | 1 |
| Total BTEX | | <0.00200 | 0.00200 | mg/kg | 03.19.19 23.45 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | 460-00-4 | 166 | % | 70-130 | 03.19.19 23.45 | ** | |
| 1,4-Difluorobenzene | 540-36-3 | 113 | % | 70-130 | 03.19.19 23.45 | | |



Certificate of Analytical Results 617507



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-11**
Lab Sample Id: 617507-011

Matrix: Soil
Date Collected: 03.06.19 13.32

Date Received: 03.13.19 12.45

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

Analyst: CHE

Date Prep: 03.14.19 12.30

Basis: Wet Weight

Seq Number: 3082248

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 68.0 | 4.97 | mg/kg | 03.15.19 09.26 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

Tech: ARM

% Moisture:

Analyst: ARM

Date Prep: 03.15.19 10.00

Basis: Wet Weight

Seq Number: 3082335

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|--------|------|-------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | mg/kg | 03.15.19 21.02 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | mg/kg | 03.15.19 21.02 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | mg/kg | 03.15.19 21.02 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | mg/kg | 03.15.19 21.02 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|----------------|------------|------------|-------|--------|----------------|------|
| 1-Chlorooctane | 111-85-3 | 94 | % | 70-135 | 03.15.19 21.02 | |
| o-Terphenyl | 84-15-1 | 92 | % | 70-135 | 03.15.19 21.02 | |



Certificate of Analytical Results 617507



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-11**
Lab Sample Id: 617507-011

Matrix: Soil
Date Collected: 03.06.19 13.32

Date Received: 03.13.19 12.45

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SCM

% Moisture:

Analyst: SCM

Date Prep: 03.19.19 13.00

Basis: Wet Weight

Seq Number: 3082733

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00200 | 0.00200 | mg/kg | 03.20.19 00.59 | U | 1 |
| Toluene | 108-88-3 | <0.00200 | 0.00200 | mg/kg | 03.20.19 00.59 | U | 1 |
| Ethylbenzene | 100-41-4 | 0.00275 | 0.00200 | mg/kg | 03.20.19 00.59 | | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00401 | 0.00401 | mg/kg | 03.20.19 00.59 | U | 1 |
| o-Xylene | 95-47-6 | <0.00200 | 0.00200 | mg/kg | 03.20.19 00.59 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00200 | 0.00200 | mg/kg | 03.20.19 00.59 | U | 1 |
| Total BTEX | | 0.00275 | 0.00200 | mg/kg | 03.20.19 00.59 | | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | 540-36-3 | 105 | % | 70-130 | 03.20.19 00.59 | | |
| 4-Bromofluorobenzene | 460-00-4 | 160 | % | 70-130 | 03.20.19 00.59 | ** | |



Certificate of Analytical Results 617507

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-12**
 Lab Sample Id: 617507-012

Matrix: Soil
 Date Collected: 03.06.19 13.34

Date Received: 03.13.19 12.45

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

Analyst: CHE

Date Prep: 03.14.19 12.30

Basis: Wet Weight

Seq Number: 3082248

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 45.8 | 4.98 | mg/kg | 03.15.19 09.32 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

Tech: ARM

% Moisture:

Analyst: ARM

Date Prep: 03.15.19 10.00

Basis: Wet Weight

Seq Number: 3082335

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|--------|------|-------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | mg/kg | 03.15.19 21.22 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | mg/kg | 03.15.19 21.22 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | mg/kg | 03.15.19 21.22 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | mg/kg | 03.15.19 21.22 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|----------------|------------|------------|-------|--------|----------------|------|
| 1-Chlorooctane | 111-85-3 | 93 | % | 70-135 | 03.15.19 21.22 | |
| o-Terphenyl | 84-15-1 | 88 | % | 70-135 | 03.15.19 21.22 | |



Certificate of Analytical Results 617507



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-12**

Matrix: Soil

Date Received: 03.13.19 12.45

Lab Sample Id: 617507-012

Date Collected: 03.06.19 13.34

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SCM

% Moisture:

Analyst: SCM

Date Prep: 03.19.19 13.00

Basis: Wet Weight

Seq Number: 3082733

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00199 | 0.00199 | mg/kg | 03.20.19 01.18 | U | 1 |
| Toluene | 108-88-3 | <0.00199 | 0.00199 | mg/kg | 03.20.19 01.18 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00199 | 0.00199 | mg/kg | 03.20.19 01.18 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00398 | 0.00398 | mg/kg | 03.20.19 01.18 | U | 1 |
| o-Xylene | 95-47-6 | <0.00199 | 0.00199 | mg/kg | 03.20.19 01.18 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00199 | 0.00199 | mg/kg | 03.20.19 01.18 | U | 1 |
| Total BTEX | | <0.00199 | 0.00199 | mg/kg | 03.20.19 01.18 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | 540-36-3 | 111 | % | 70-130 | 03.20.19 01.18 | | |
| 4-Bromofluorobenzene | 460-00-4 | 150 | % | 70-130 | 03.20.19 01.18 | ** | |



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Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-13**
Lab Sample Id: 617507-013

Matrix: Soil
Date Collected: 03.06.19 13.40

Date Received: 03.13.19 12.45

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

Analyst: CHE

Date Prep: 03.14.19 12.30

Basis: Wet Weight

Seq Number: 3082248

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 56.4 | 4.96 | mg/kg | 03.15.19 09.50 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

Tech: ARM

% Moisture:

Analyst: ARM

Date Prep: 03.15.19 10.00

Basis: Wet Weight

Seq Number: 3082335

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|--------|------|-------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | mg/kg | 03.15.19 21.42 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | mg/kg | 03.15.19 21.42 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | mg/kg | 03.15.19 21.42 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | mg/kg | 03.15.19 21.42 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|----------------|------------|------------|-------|--------|----------------|------|
| 1-Chlorooctane | 111-85-3 | 92 | % | 70-135 | 03.15.19 21.42 | |
| o-Terphenyl | 84-15-1 | 88 | % | 70-135 | 03.15.19 21.42 | |



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Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-13**

Matrix: Soil

Date Received: 03.13.19 12.45

Lab Sample Id: 617507-013

Date Collected: 03.06.19 13.40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SCM

% Moisture:

Analyst: SCM

Date Prep: 03.19.19 13.00

Basis: Wet Weight

Seq Number: 3082733

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00200 | 0.00200 | mg/kg | 03.20.19 01.37 | U | 1 |
| Toluene | 108-88-3 | <0.00200 | 0.00200 | mg/kg | 03.20.19 01.37 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00200 | 0.00200 | mg/kg | 03.20.19 01.37 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00399 | 0.00399 | mg/kg | 03.20.19 01.37 | U | 1 |
| o-Xylene | 95-47-6 | <0.00200 | 0.00200 | mg/kg | 03.20.19 01.37 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00200 | 0.00200 | mg/kg | 03.20.19 01.37 | U | 1 |
| Total BTEX | | <0.00200 | 0.00200 | mg/kg | 03.20.19 01.37 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | 460-00-4 | 124 | % | 70-130 | 03.20.19 01.37 | | |
| 1,4-Difluorobenzene | 540-36-3 | 116 | % | 70-130 | 03.20.19 01.37 | | |



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Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-14**
Lab Sample Id: 617507-014

Matrix: Soil
Date Collected: 03.06.19 13.43

Date Received: 03.13.19 12.45

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

Analyst: CHE

Date Prep: 03.14.19 12.30

Basis: Wet Weight

Seq Number: 3082248

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 8.74 | 5.01 | mg/kg | 03.15.19 09.56 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

Tech: ARM

% Moisture:

Analyst: ARM

Date Prep: 03.15.19 10.00

Basis: Wet Weight

Seq Number: 3082335

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|--------|------|-------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <14.9 | 14.9 | mg/kg | 03.15.19 22.01 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <14.9 | 14.9 | mg/kg | 03.15.19 22.01 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <14.9 | 14.9 | mg/kg | 03.15.19 22.01 | U | 1 |
| Total TPH | PHC635 | <14.9 | 14.9 | mg/kg | 03.15.19 22.01 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|----------------|------------|------------|-------|--------|----------------|------|
| 1-Chlorooctane | 111-85-3 | 102 | % | 70-135 | 03.15.19 22.01 | |
| o-Terphenyl | 84-15-1 | 101 | % | 70-135 | 03.15.19 22.01 | |



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Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-14**

Matrix: Soil

Date Received: 03.13.19 12.45

Lab Sample Id: 617507-014

Date Collected: 03.06.19 13.43

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SCM

% Moisture:

Analyst: SCM

Date Prep: 03.19.19 13.00

Basis: Wet Weight

Seq Number: 3082733

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00201 | 0.00201 | mg/kg | 03.20.19 01.56 | U | 1 |
| Toluene | 108-88-3 | <0.00201 | 0.00201 | mg/kg | 03.20.19 01.56 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00201 | 0.00201 | mg/kg | 03.20.19 01.56 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00402 | 0.00402 | mg/kg | 03.20.19 01.56 | U | 1 |
| o-Xylene | 95-47-6 | <0.00201 | 0.00201 | mg/kg | 03.20.19 01.56 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00201 | 0.00201 | mg/kg | 03.20.19 01.56 | U | 1 |
| Total BTEX | | <0.00201 | 0.00201 | mg/kg | 03.20.19 01.56 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | 540-36-3 | 113 | % | 70-130 | 03.20.19 01.56 | | |
| 4-Bromofluorobenzene | 460-00-4 | 119 | % | 70-130 | 03.20.19 01.56 | | |



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Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-15**
Lab Sample Id: 617507-015

Matrix: Soil
Date Collected: 03.06.19 13.45

Date Received: 03.13.19 12.45

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

Analyst: CHE

Date Prep: 03.14.19 12.30

Basis: Wet Weight

Seq Number: 3082248

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 16.4 | 4.97 | mg/kg | 03.15.19 10.02 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

Tech: ARM

% Moisture:

Analyst: ARM

Date Prep: 03.15.19 10.00

Basis: Wet Weight

Seq Number: 3082335

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|--------|------|-------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | mg/kg | 03.15.19 22.21 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | mg/kg | 03.15.19 22.21 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | mg/kg | 03.15.19 22.21 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | mg/kg | 03.15.19 22.21 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|----------------|------------|------------|-------|--------|----------------|------|
| 1-Chlorooctane | 111-85-3 | 91 | % | 70-135 | 03.15.19 22.21 | |
| o-Terphenyl | 84-15-1 | 88 | % | 70-135 | 03.15.19 22.21 | |



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Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-15**
 Lab Sample Id: 617507-015

Matrix: Soil
 Date Collected: 03.06.19 13.45

Date Received: 03.13.19 12.45

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SCM

% Moisture:

Analyst: SCM

Date Prep: 03.19.19 13.00

Basis: Wet Weight

Seq Number: 3082733

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00199 | 0.00199 | mg/kg | 03.20.19 02.15 | U | 1 |
| Toluene | 108-88-3 | <0.00199 | 0.00199 | mg/kg | 03.20.19 02.15 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00199 | 0.00199 | mg/kg | 03.20.19 02.15 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00398 | 0.00398 | mg/kg | 03.20.19 02.15 | U | 1 |
| o-Xylene | 95-47-6 | <0.00199 | 0.00199 | mg/kg | 03.20.19 02.15 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00199 | 0.00199 | mg/kg | 03.20.19 02.15 | U | 1 |
| Total BTEX | | <0.00199 | 0.00199 | mg/kg | 03.20.19 02.15 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | 460-00-4 | 165 | % | 70-130 | 03.20.19 02.15 | ** | |
| 1,4-Difluorobenzene | 540-36-3 | 108 | % | 70-130 | 03.20.19 02.15 | | |



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Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-16**
Lab Sample Id: 617507-016

Matrix: Soil
Date Collected: 03.07.19 10.54

Date Received: 03.13.19 12.45

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

Analyst: CHE

Date Prep: 03.14.19 12.30

Basis: Wet Weight

Seq Number: 3082248

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 280 | 4.97 | mg/kg | 03.15.19 10.08 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

Tech: ARM

% Moisture:

Analyst: ARM

Date Prep: 03.15.19 10.00

Basis: Wet Weight

Seq Number: 3082335

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|--------|------|-------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | mg/kg | 03.15.19 22.40 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | 307 | 15.0 | mg/kg | 03.15.19 22.40 | | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | 309 | 15.0 | mg/kg | 03.15.19 22.40 | | 1 |
| Total TPH | PHC635 | 616 | 15.0 | mg/kg | 03.15.19 22.40 | | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|----------------|------------|------------|-------|--------|----------------|------|
| 1-Chlorooctane | 111-85-3 | 93 | % | 70-135 | 03.15.19 22.40 | |
| o-Terphenyl | 84-15-1 | 93 | % | 70-135 | 03.15.19 22.40 | |



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Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-16**

Matrix: Soil

Date Received: 03.13.19 12.45

Lab Sample Id: 617507-016

Date Collected: 03.07.19 10.54

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SCM

% Moisture:

Analyst: SCM

Date Prep: 03.20.19 13.30

Basis: Wet Weight

Seq Number: 3082772

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00200 | 0.00200 | mg/kg | 03.20.19 22.45 | U | 1 |
| Toluene | 108-88-3 | <0.00200 | 0.00200 | mg/kg | 03.20.19 22.45 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00200 | 0.00200 | mg/kg | 03.20.19 22.45 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00400 | 0.00400 | mg/kg | 03.20.19 22.45 | U | 1 |
| o-Xylene | 95-47-6 | <0.00200 | 0.00200 | mg/kg | 03.20.19 22.45 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00200 | 0.00200 | mg/kg | 03.20.19 22.45 | U | 1 |
| Total BTEX | | <0.00200 | 0.00200 | mg/kg | 03.20.19 22.45 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | 460-00-4 | 125 | % | 70-130 | 03.20.19 22.45 | | |
| 1,4-Difluorobenzene | 540-36-3 | 110 | % | 70-130 | 03.20.19 22.45 | | |



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Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-17**
Lab Sample Id: 617507-017

Matrix: Soil
Date Collected: 03.07.19 10.57

Date Received: 03.13.19 12.45

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

Analyst: CHE

Date Prep: 03.14.19 15.00

Basis: Wet Weight

Seq Number: 3082188

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 113 | 4.97 | mg/kg | 03.14.19 17.48 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

Tech: ARM

% Moisture:

Analyst: ARM

Date Prep: 03.15.19 10.00

Basis: Wet Weight

Seq Number: 3082335

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|--------|------|-------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | mg/kg | 03.15.19 23.00 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | 66.0 | 15.0 | mg/kg | 03.15.19 23.00 | | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | 498 | 15.0 | mg/kg | 03.15.19 23.00 | | 1 |
| Total TPH | PHC635 | 564 | 15.0 | mg/kg | 03.15.19 23.00 | | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|----------------|------------|------------|-------|--------|----------------|------|
| 1-Chlorooctane | 111-85-3 | 93 | % | 70-135 | 03.15.19 23.00 | |
| o-Terphenyl | 84-15-1 | 92 | % | 70-135 | 03.15.19 23.00 | |



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Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-17**

Matrix: Soil

Date Received: 03.13.19 12.45

Lab Sample Id: 617507-017

Date Collected: 03.07.19 10.57

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SCM

% Moisture:

Analyst: SCM

Date Prep: 03.20.19 13.30

Basis: Wet Weight

Seq Number: 3082772

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00200 | 0.00200 | mg/kg | 03.20.19 23.04 | U | 1 |
| Toluene | 108-88-3 | <0.00200 | 0.00200 | mg/kg | 03.20.19 23.04 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00200 | 0.00200 | mg/kg | 03.20.19 23.04 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00401 | 0.00401 | mg/kg | 03.20.19 23.04 | U | 1 |
| o-Xylene | 95-47-6 | <0.00200 | 0.00200 | mg/kg | 03.20.19 23.04 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00200 | 0.00200 | mg/kg | 03.20.19 23.04 | U | 1 |
| Total BTEX | | <0.00200 | 0.00200 | mg/kg | 03.20.19 23.04 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | 460-00-4 | 141 | % | 70-130 | 03.20.19 23.04 | ** | |
| 1,4-Difluorobenzene | 540-36-3 | 110 | % | 70-130 | 03.20.19 23.04 | | |



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Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-18**
Lab Sample Id: 617507-018

Matrix: Soil
Date Collected: 03.07.19 11.01

Date Received: 03.13.19 12.45

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

Analyst: CHE

Date Prep: 03.14.19 15.00

Basis: Wet Weight

Seq Number: 3082188

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 101 | 5.00 | mg/kg | 03.14.19 18.06 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

Tech: ARM

% Moisture:

Analyst: ARM

Date Prep: 03.15.19 10.00

Basis: Wet Weight

Seq Number: 3082335

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|--------|------|-------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | mg/kg | 03.15.19 23.20 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | mg/kg | 03.15.19 23.20 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | mg/kg | 03.15.19 23.20 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | mg/kg | 03.15.19 23.20 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|----------------|------------|------------|-------|--------|----------------|------|
| 1-Chlorooctane | 111-85-3 | 91 | % | 70-135 | 03.15.19 23.20 | |
| o-Terphenyl | 84-15-1 | 89 | % | 70-135 | 03.15.19 23.20 | |



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Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-18**

Matrix: Soil

Date Received: 03.13.19 12.45

Lab Sample Id: 617507-018

Date Collected: 03.07.19 11.01

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SCM

% Moisture:

Analyst: SCM

Date Prep: 03.20.19 13.30

Basis: Wet Weight

Seq Number: 3082772

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00199 | 0.00199 | mg/kg | 03.20.19 23.23 | U | 1 |
| Toluene | 108-88-3 | <0.00199 | 0.00199 | mg/kg | 03.20.19 23.23 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00199 | 0.00199 | mg/kg | 03.20.19 23.23 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00398 | 0.00398 | mg/kg | 03.20.19 23.23 | U | 1 |
| o-Xylene | 95-47-6 | <0.00199 | 0.00199 | mg/kg | 03.20.19 23.23 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00199 | 0.00199 | mg/kg | 03.20.19 23.23 | U | 1 |
| Total BTEX | | <0.00199 | 0.00199 | mg/kg | 03.20.19 23.23 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | 460-00-4 | 113 | % | 70-130 | 03.20.19 23.23 | | |
| 1,4-Difluorobenzene | 540-36-3 | 114 | % | 70-130 | 03.20.19 23.23 | | |



Certificate of Analytical Results 617507



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-19**
Lab Sample Id: 617507-019

Matrix: Soil
Date Collected: 03.07.19 11.03

Date Received: 03.13.19 12.45

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

Analyst: CHE

Date Prep: 03.14.19 15.00

Basis: Wet Weight

Seq Number: 3082188

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 189 | 4.96 | mg/kg | 03.14.19 18.12 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

Tech: ARM

% Moisture:

Analyst: ARM

Date Prep: 03.15.19 10.00

Basis: Wet Weight

Seq Number: 3082335

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|--------|------|-------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | mg/kg | 03.15.19 23.39 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | 116 | 15.0 | mg/kg | 03.15.19 23.39 | | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | 19.5 | 15.0 | mg/kg | 03.15.19 23.39 | | 1 |
| Total TPH | PHC635 | 136 | 15.0 | mg/kg | 03.15.19 23.39 | | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|----------------|------------|------------|-------|--------|----------------|------|
| 1-Chlorooctane | 111-85-3 | 96 | % | 70-135 | 03.15.19 23.39 | |
| o-Terphenyl | 84-15-1 | 96 | % | 70-135 | 03.15.19 23.39 | |



Certificate of Analytical Results 617507



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-19**

Matrix: Soil

Date Received: 03.13.19 12.45

Lab Sample Id: 617507-019

Date Collected: 03.07.19 11.03

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SCM

% Moisture:

Analyst: SCM

Date Prep: 03.20.19 13.30

Basis: Wet Weight

Seq Number: 3082772

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00199 | 0.00199 | mg/kg | 03.20.19 23.42 | U | 1 |
| Toluene | 108-88-3 | <0.00199 | 0.00199 | mg/kg | 03.20.19 23.42 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00199 | 0.00199 | mg/kg | 03.20.19 23.42 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00398 | 0.00398 | mg/kg | 03.20.19 23.42 | U | 1 |
| o-Xylene | 95-47-6 | <0.00199 | 0.00199 | mg/kg | 03.20.19 23.42 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00199 | 0.00199 | mg/kg | 03.20.19 23.42 | U | 1 |
| Total BTEX | | <0.00199 | 0.00199 | mg/kg | 03.20.19 23.42 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | 540-36-3 | 109 | % | 70-130 | 03.20.19 23.42 | | |
| 4-Bromofluorobenzene | 460-00-4 | 147 | % | 70-130 | 03.20.19 23.42 | ** | |



Flagging Criteria



- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F** RPD exceeded lab control limits.
- J** The target analyte was positively identified below the quantitation limit and above the detection limit.
- U** Analyte was not detected.
- L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K** Sample analyzed outside of recommended hold time.
- JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample **BLK** Method Blank

BKS/LCS Blank Spike/Laboratory Control Sample **BKSD/LCSD** Blank Spike Duplicate/Laboratory Control Sample Duplicate

MD/SD Method Duplicate/Sample Duplicate **MS** Matrix Spike **MSD:** Matrix Spike Duplicate

+ NELAC certification not offered for this compound.

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation



Trinity Oilfield Services & Rentals, LLC

Mesa Verde BS Unit #8

Analytical Method: Chloride by EPA 300

Seq Number: 3082186

MB Sample Id: 7673570-1-BLK

Matrix: Solid

LCS Sample Id: 7673570-1-BKS

Prep Method: E300P

Date Prep: 03.14.19

LCSD Sample Id: 7673570-1-BSD

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------|-----------|--------------|------------|----------|-------------|-----------|--------|------|-----------|-------|----------------|------|
| Chloride | <0.858 | 250 | 263 | 105 | 263 | 105 | 90-110 | 0 | 20 | mg/kg | 03.14.19 10:15 | |

Analytical Method: Chloride by EPA 300

Seq Number: 3082248

MB Sample Id: 7673573-1-BLK

Matrix: Solid

LCS Sample Id: 7673573-1-BKS

Prep Method: E300P

Date Prep: 03.14.19

LCSD Sample Id: 7673573-1-BSD

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------|-----------|--------------|------------|----------|-------------|-----------|--------|------|-----------|-------|----------------|------|
| Chloride | <0.858 | 250 | 243 | 97 | 244 | 98 | 90-110 | 0 | 20 | mg/kg | 03.15.19 08:43 | |

Analytical Method: Chloride by EPA 300

Seq Number: 3082188

MB Sample Id: 7673579-1-BLK

Matrix: Solid

LCS Sample Id: 7673579-1-BKS

Prep Method: E300P

Date Prep: 03.14.19

LCSD Sample Id: 7673579-1-BSD

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------|-----------|--------------|------------|----------|-------------|-----------|--------|------|-----------|-------|----------------|------|
| Chloride | <5.00 | 250 | 245 | 98 | 245 | 98 | 90-110 | 0 | 20 | mg/kg | 03.14.19 15:48 | |

Analytical Method: Chloride by EPA 300

Seq Number: 3082186

Parent Sample Id: 617505-006

Matrix: Soil

MS Sample Id: 617505-006 S

Prep Method: E300P

Date Prep: 03.14.19

MSD Sample Id: 617505-006 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------|---------------|--------------|-----------|---------|------------|----------|--------|------|-----------|-------|----------------|------|
| Chloride | 155 | 248 | 415 | 105 | 415 | 105 | 90-110 | 0 | 20 | mg/kg | 03.14.19 12:38 | |

Analytical Method: Chloride by EPA 300

Seq Number: 3082186

Parent Sample Id: 617506-007

Matrix: Soil

MS Sample Id: 617506-007 S

Prep Method: E300P

Date Prep: 03.14.19

MSD Sample Id: 617506-007 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------|---------------|--------------|-----------|---------|------------|----------|--------|------|-----------|-------|----------------|------|
| Chloride | 1.48 | 248 | 276 | 111 | 276 | 111 | 90-110 | 0 | 20 | mg/kg | 03.14.19 15:07 | X |

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec



Trinity Oilfield Services & Rentals, LLC
Mesa Verde BS Unit #8

Analytical Method: Chloride by EPA 300

Seq Number: 3082248

Parent Sample Id: 617507-008

Matrix: Soil

MS Sample Id: 617507-008 S

Prep Method: E300P

Date Prep: 03.14.19

MSD Sample Id: 617507-008 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------|---------------|--------------|-----------|---------|------------|----------|--------|------|-----------|-------|----------------|------|
| Chloride | 10.4 | 251 | 258 | 99 | 259 | 99 | 90-110 | 0 | 20 | mg/kg | 03.15.19 09:01 | |

Analytical Method: Chloride by EPA 300

Seq Number: 3082248

Parent Sample Id: 617561-002

Matrix: Soil

MS Sample Id: 617561-002 S

Prep Method: E300P

Date Prep: 03.14.19

MSD Sample Id: 617561-002 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------|---------------|--------------|-----------|---------|------------|----------|--------|------|-----------|-------|----------------|------|
| Chloride | 2.01 | 248 | 245 | 98 | 245 | 98 | 90-110 | 0 | 20 | mg/kg | 03.15.19 10:45 | |

Analytical Method: Chloride by EPA 300

Seq Number: 3082188

Parent Sample Id: 617631-004

Matrix: Soil

MS Sample Id: 617631-004 S

Prep Method: E300P

Date Prep: 03.14.19

MSD Sample Id: 617631-004 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------|---------------|--------------|-----------|---------|------------|----------|--------|------|-----------|-------|----------------|------|
| Chloride | 5.78 | 250 | 258 | 101 | 259 | 101 | 90-110 | 0 | 20 | mg/kg | 03.14.19 16:06 | |

Analytical Method: Chloride by EPA 300

Seq Number: 3082188

Parent Sample Id: 617687-004

Matrix: Soil

MS Sample Id: 617687-004 S

Prep Method: E300P

Date Prep: 03.14.19

MSD Sample Id: 617687-004 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------|---------------|--------------|-----------|---------|------------|----------|--------|------|-----------|-------|----------------|------|
| Chloride | 7.45 | 248 | 254 | 99 | 253 | 99 | 90-110 | 0 | 20 | mg/kg | 03.14.19 17:30 | |

Analytical Method: TPH By SW8015 Mod

Seq Number: 3082335

MB Sample Id: 7673699-1-BLK

Matrix: Solid

LCS Sample Id: 7673699-1-BKS

Prep Method: TX1005P

Date Prep: 03.15.19

LCSD Sample Id: 7673699-1-BSD

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------------------------------|-----------|--------------|------------|----------|-------------|-----------|--------|------|-----------|-------|----------------|------|
| Gasoline Range Hydrocarbons (GRO) | <8.00 | 1000 | 1030 | 103 | 1100 | 110 | 70-135 | 7 | 20 | mg/kg | 03.15.19 15:51 | |
| Diesel Range Organics (DRO) | <8.13 | 1000 | 1020 | 102 | 1090 | 109 | 70-135 | 7 | 20 | mg/kg | 03.15.19 15:51 | |

Surrogate

| Surrogate | MB %Rec | MB Flag | LCS %Rec | LCS Flag | LCSD %Rec | LCSD Flag | Limits | Units | Analysis Date |
|----------------|---------|---------|----------|----------|-----------|-----------|--------|-------|----------------|
| 1-Chlorooctane | 90 | | 117 | | 129 | | 70-135 | % | 03.15.19 15:51 |
| o-Terphenyl | 91 | | 98 | | 113 | | 70-135 | % | 03.15.19 15:51 |

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C-A) / B$
 $RPD = 200 * |(C-E) / (C+E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec



Trinity Oilfield Services & Rentals, LLC

Mesa Verde BS Unit #8

Analytical Method: TPH By SW8015 Mod

Seq Number: 3082335

Parent Sample Id: 617507-001

Matrix: Soil

MS Sample Id: 617507-001 S

Prep Method: TX1005P

Date Prep: 03.15.19

MSD Sample Id: 617507-001 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------------------------------|---------------|--------------|-----------|---------|------------|----------|--------|------|-----------|-------|----------------|------|
| Gasoline Range Hydrocarbons (GRO) | <7.99 | 998 | 1020 | 102 | 908 | 91 | 70-135 | 12 | 20 | mg/kg | 03.15.19 16:48 | |
| Diesel Range Organics (DRO) | <8.11 | 998 | 1040 | 104 | 917 | 92 | 70-135 | 13 | 20 | mg/kg | 03.15.19 16:48 | |

| Surrogate | MS %Rec | MS Flag | MSD %Rec | MSD Flag | Limits | Units | Analysis Date |
|----------------|---------|---------|----------|----------|--------|-------|----------------|
| 1-Chlorooctane | 115 | | 104 | | 70-135 | % | 03.15.19 16:48 |
| o-Terphenyl | 102 | | 88 | | 70-135 | % | 03.15.19 16:48 |

Analytical Method: BTEX by EPA 8021B

Seq Number: 3082733

MB Sample Id: 7673950-1-BLK

Matrix: Solid

LCS Sample Id: 7673950-1-BKS

Prep Method: SW5030B

Date Prep: 03.19.19

LCSD Sample Id: 7673950-1-BSD

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|--------------|-----------|--------------|------------|----------|-------------|-----------|--------|------|-----------|-------|----------------|------|
| Benzene | <0.00200 | 0.0998 | 0.120 | 120 | 0.121 | 120 | 70-130 | 1 | 35 | mg/kg | 03.19.19 19:02 | |
| Toluene | <0.00200 | 0.0998 | 0.121 | 121 | 0.121 | 120 | 70-130 | 0 | 35 | mg/kg | 03.19.19 19:02 | |
| Ethylbenzene | <0.000564 | 0.0998 | 0.107 | 107 | 0.107 | 106 | 70-130 | 0 | 35 | mg/kg | 03.19.19 19:02 | |
| m,p-Xylenes | <0.00101 | 0.200 | 0.211 | 106 | 0.211 | 105 | 70-130 | 0 | 35 | mg/kg | 03.19.19 19:02 | |
| o-Xylene | <0.00200 | 0.0998 | 0.106 | 106 | 0.106 | 105 | 70-130 | 0 | 35 | mg/kg | 03.19.19 19:02 | |

| Surrogate | MB %Rec | MB Flag | LCS %Rec | LCS Flag | LCSD %Rec | LCSD Flag | Limits | Units | Analysis Date |
|----------------------|---------|---------|----------|----------|-----------|-----------|--------|-------|----------------|
| 1,4-Difluorobenzene | 116 | | 107 | | 109 | | 70-130 | % | 03.19.19 19:02 |
| 4-Bromofluorobenzene | 110 | | 107 | | 108 | | 70-130 | % | 03.19.19 19:02 |

Analytical Method: BTEX by EPA 8021B

Seq Number: 3082772

MB Sample Id: 7673968-1-BLK

Matrix: Solid

LCS Sample Id: 7673968-1-BKS

Prep Method: SW5030B

Date Prep: 03.20.19

LCSD Sample Id: 7673968-1-BSD

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|--------------|-----------|--------------|------------|----------|-------------|-----------|--------|------|-----------|-------|----------------|------|
| Benzene | <0.00200 | 0.100 | 0.113 | 113 | 0.117 | 117 | 70-130 | 3 | 35 | mg/kg | 03.20.19 14:50 | |
| Toluene | <0.00200 | 0.100 | 0.114 | 114 | 0.118 | 118 | 70-130 | 3 | 35 | mg/kg | 03.20.19 14:50 | |
| Ethylbenzene | <0.000565 | 0.100 | 0.101 | 101 | 0.103 | 103 | 70-130 | 2 | 35 | mg/kg | 03.20.19 14:50 | |
| m,p-Xylenes | <0.00101 | 0.200 | 0.198 | 99 | 0.203 | 101 | 70-130 | 2 | 35 | mg/kg | 03.20.19 14:50 | |
| o-Xylene | <0.00200 | 0.100 | 0.0992 | 99 | 0.102 | 102 | 70-130 | 3 | 35 | mg/kg | 03.20.19 14:50 | |

| Surrogate | MB %Rec | MB Flag | LCS %Rec | LCS Flag | LCSD %Rec | LCSD Flag | Limits | Units | Analysis Date |
|----------------------|---------|---------|----------|----------|-----------|-----------|--------|-------|----------------|
| 1,4-Difluorobenzene | 117 | | 108 | | 109 | | 70-130 | % | 03.20.19 14:50 |
| 4-Bromofluorobenzene | 114 | | 105 | | 108 | | 70-130 | % | 03.20.19 14:50 |

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 $\text{Log Diff.} = \text{Log}(\text{Sample Duplicate}) - \text{Log}(\text{Original Sample})$

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec



Trinity Oilfield Services & Rentals, LLC
Mesa Verde BS Unit #8

Analytical Method: BTEX by EPA 8021B

Seq Number: 3082733

Parent Sample Id: 617507-001

Matrix: Soil

MS Sample Id: 617507-001 S

Prep Method: SW5030B

Date Prep: 03.19.19

MSD Sample Id: 617507-001 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|--------------|---------------|--------------|-----------|---------|------------|----------|--------|------|-----------|-------|----------------|------|
| Benzene | <0.00200 | 0.100 | 0.0942 | 94 | 0.108 | 109 | 70-130 | 14 | 35 | mg/kg | 03.19.19 19:40 | |
| Toluene | <0.00200 | 0.100 | 0.111 | 111 | 0.108 | 109 | 70-130 | 3 | 35 | mg/kg | 03.19.19 19:40 | |
| Ethylbenzene | <0.00200 | 0.100 | 0.0953 | 95 | 0.0915 | 92 | 70-130 | 4 | 35 | mg/kg | 03.19.19 19:40 | |
| m,p-Xylenes | 0.00461 | 0.200 | 0.195 | 95 | 0.180 | 88 | 70-130 | 8 | 35 | mg/kg | 03.19.19 19:40 | |
| o-Xylene | <0.00200 | 0.100 | 0.100 | 100 | 0.0915 | 92 | 70-130 | 9 | 35 | mg/kg | 03.19.19 19:40 | |

| Surrogate | MS %Rec | MS Flag | MSD %Rec | MSD Flag | Limits | Units | Analysis Date |
|----------------------|---------|---------|----------|----------|--------|-------|----------------|
| 1,4-Difluorobenzene | 104 | | 109 | | 70-130 | % | 03.19.19 19:40 |
| 4-Bromofluorobenzene | 126 | | 112 | | 70-130 | % | 03.19.19 19:40 |

Analytical Method: BTEX by EPA 8021B

Seq Number: 3082772

Parent Sample Id: 618088-010

Matrix: Soil

MS Sample Id: 618088-010 S

Prep Method: SW5030B

Date Prep: 03.20.19

MSD Sample Id: 618088-010 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|--------------|---------------|--------------|-----------|---------|------------|----------|--------|------|-----------|-------|----------------|------|
| Benzene | <0.00199 | 0.0994 | 0.104 | 105 | 0.107 | 107 | 70-130 | 3 | 35 | mg/kg | 03.20.19 15:32 | |
| Toluene | 0.000601 | 0.0994 | 0.107 | 107 | 0.109 | 108 | 70-130 | 2 | 35 | mg/kg | 03.20.19 15:32 | |
| Ethylbenzene | <0.000561 | 0.0994 | 0.0960 | 97 | 0.0944 | 94 | 70-130 | 2 | 35 | mg/kg | 03.20.19 15:32 | |
| m,p-Xylenes | <0.00101 | 0.199 | 0.189 | 95 | 0.186 | 93 | 70-130 | 2 | 35 | mg/kg | 03.20.19 15:32 | |
| o-Xylene | 0.000391 | 0.0994 | 0.0955 | 96 | 0.0931 | 93 | 70-130 | 3 | 35 | mg/kg | 03.20.19 15:32 | |

| Surrogate | MS %Rec | MS Flag | MSD %Rec | MSD Flag | Limits | Units | Analysis Date |
|----------------------|---------|---------|----------|----------|--------|-------|----------------|
| 1,4-Difluorobenzene | 107 | | 110 | | 70-130 | % | 03.20.19 15:32 |
| 4-Bromofluorobenzene | 113 | | 111 | | 70-130 | % | 03.20.19 15:32 |

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec



CHAIN OF CUSTODY RECORD

Houston: 4143 Greenbriar Dr. Stafford, TX 77477 (281)240-4200 Odessa: 12600 West I-20 East Odessa, TX 79765 (432)563-1800
 ,rool-c

Page 1 of 2

LAB W.O #:

Field billable Hrs :

61 7507

| * Container Type Codes | | | |
|---|--------------------|----|-------------------|
| VA | Vial Amber | ES | Encore Sampler |
| VC | Vial Clear | TS | TerraCore Sampler |
| VP | Vial Pre-preserved | AC | Air Canister |
| GA | Glass Amber | TB | Tedlar Bag |
| GC | Glass Clear | ZB | Zip Lock Bag |
| PA | Plastic Amber | PC | Plastic Clear |
| PC | Plastic Clear | | |
| Other _____ | | | |
| Size(s): 2oz, 4oz, 8oz, 16oz, 32oz, 1Gal, 40ml, 125 ml, 250 ml, 500 ml, 1L, Other _____ | | | |

| | | |
|---|--|----------------------|
| Company: Trinity Oilfield Services & Rentals, LLC | | Phone: (575)390-7208 |
| Address: P.O. Box 2587 | | Fax: |
| City: Hobbs | State: NM | Zip: 88241 |
| PM/Attn: Ben J. Arguijo | Email: wade.dittrich@oxy.com & ben@trinityoilfieldservices.com | |
| Project ID: Mesa Verde BS Unit #8 | PO#: | |
| Invoice To: Oxy - Wade Dittrich (575)390-2828 | Quote #: | |

TAT Work Days = D Need results by: _____ Time: _____

Std (5-7D) 5Hrs 1D 2D 3D 4D 5D 7D 10D 14D Other _____

| ANALYSES REQUESTED | | | | | | | | | |
|--|-----------|------|----------|--|--|--|--|--|--|
| Cont Type VC | GC | GC | GC | | | | | | |
| Pres Type** | I | I | I | | | | | | |
| Example Volatiles by 8260 | TPH 8015M | BTEX | Chloride | | | | | | |
| Hold Sample (CALL) Run PAH Only if _____ | | | | | | | | | |

| ** Preservative Type Codes | | |
|-----------------------------------|--|-------------------|
| A. None | E. HCL | I. Ice |
| B. HNO ₃ | F. MeOH | J. MCAA |
| C. H ₂ SO ₄ | G. Na ₂ S ₂ O ₃ | K. ZnAc&NaOH |
| D. NaOH | H. NaHSO ₄ | L. Asbc Acid&NaOH |
| O. _____ | | |

| ^ Matrix Type Codes | | |
|---------------------|---|---------------------|
| GW Ground Water | S | Soil/Sediment/Solid |
| WW Waste Water | W | Wipe |
| DW Drinking Water | A | Air |
| SW Surface Water | O | Oil |
| OW Ocean/Sea Water | T | Tissue |
| PL Product-Liquid | U | Urine |
| PS Product-Solid | B | Blood |
| SL Sludge | | |
| Other _____ | | |

| Sampler Name: Josh Halcomb | | Circle One Event: Daily Quartely | | Weekly Semi-Annual | Monthly Annual | N/A | | |
|----------------------------|-----------|-------------------------------------|--------------|-----------------------|-------------------|--------------------|-----------------------|--|
| Sample # | Sample ID | Collect Date | Collect Time | Matrix Code ^ | Field Filtered | Integrity OK (Y/N) | Total # of Containers | |
| | | | | | | | | |
| 1 | SP-1 | 3/6/19 | 1150 | S | | | 1 | |
| 2 | SP-2 | 3/6/19 | 1156 | S | | | 1 | |
| 3 | SP-3 | 3/6/19 | 1203 | S | | | 1 | |
| 4 | SP-4 | 3/6/19 | 1208 | S | | | 1 | |
| 5 | SP-5 | 3/6/19 | 1212 | S | | | 1 | |
| 6 | SP-6 | 3/6/19 | 1214 | S | | | 1 | |
| 7 | SP-7 | 3/6/19 | 1217 | S | | | 1 | |
| 8 | SP-8 | 3/6/19 | 1219 | S | | | 1 | |
| 9 | SP-9 | 3/6/19 | 1221 | S | | | 1 | |
| 0 | SP-10 | 3/6/19 | 1329 | S | | | 1 | |

REMARKS

| Reg. Program / Clean-up Std | | | | | STATE for Certs & Regs | | | | | | | | QA/QC Level & Certification | | | | | | | | EDDs | | | COC & Labels | | Coolers Temp °C | | Lab Use Only | | YES | NO | N/A |
|-----------------------------|-----------------|----|-------|-------------|------------------------|----|----|--------|----|----|----|----|-----------------------------|----------|--------|---|------|-------|------|--------|-------------|--------|--------|--------------|--------|-----------------|------------------------------|------------------------------------|-------|------------------------------------|-------|-----|
| CTLs | TRRP | DW | NPDES | LPST DryCln | FL | TX | GA | NC | SC | NJ | PA | OK | 1 | 2 | 3 | 4 | CLP | AFCEE | QAPP | ADaPT | SEDD | ERPIMS | Match | Incomplete | 1-1.82 | 3 | Non-Conformances found? | _____ | | | | |
| Other: | | | | | LA | AL | NM | Other: | | | | | NELAC | DoD-ELAP | Other: | | | | XLS | Other: | | | Absent | Unclear | | | Samples intact upon arrival? | _____ | | | | |
| | Relinquished by | | | | Affiliation | | | | | | | | Date | | | | Time | | | | Received by | | | Affiliation | | Date | | Time | | Received on Wet Ice? | _____ | |
| 1 | Josh Halcomb | | | | Trinity | | | | | | | | 3/12/19 | | | | 9:56 | | | | J Butte | | | MS | | 3/10/19 | | 9:56 | | Labeled with proper preservatives? | _____ | |
| 2 | J Butte | | | | MS | | | | | | | | 3/10/19 | | | | 2:20 | | | | J Butte | | | Xenco | | 3/13/19 | | 12:45 | | Received within holding time? | _____ | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | Custody seals intact? | _____ | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | VOCs rec'd w/o headspace? | _____ | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | Proper containers used? | _____ | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | pH verified-acceptable, excl VOCs? | _____ | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | Received on time to meet HTs? | _____ | | | |

B&A Laboratories: Hobbs 575-392-7550 Dallas 214-902-0300 Houston 281-242-4200 Odessa 432-563-1800 San Antonio 210-509-3334 Phoenix 602-437-0330 C.O.C. Serial #
 FTS Service Centers: Atlanta 770-449-8800 Lakeland 863-646-8526 Tampa 803-543-8099 Philadelphia 610-955-5649 South Carolina 803-543-8099

Execution of this document by client creates a legal and binding agreement between client and Xenco for analytical and testing services provided by Xenco to client under Xenco's standard terms and conditions unless previously agreed in writing. Terms of payment are Net 30 days, and all past due amounts shall accrue interest at 1.5% per month until paid in full. All laboratory analytical data and reports generated by Xenco remain the exclusive property of Xenco until invoices for such data are paid in full. Revision Date: Nov 12, 2009



CHAIN OF CUSTODY RECORD

Page 2 of 2

Houston: 4143 Greenbriar Dr. Stafford, TX 77477 (281)240-4200 Odessa: 12600 West I-20 East Odessa, TX 79765 (432)563-1800

```
;rool-c
```

LAB W.O # :

Field billable Hrs :

* Container Type Codes

| | | | |
|-------|--------------------|----|-------------------|
| VA | Vial Amber | ES | Encore Sampler |
| VC | Vial Clear | TS | TerraCore Sampler |
| VP | Vial Pre-preserved | AC | Air Canister |
| GA | Glass Amber | TB | Tedlar Bag |
| GC | Glass Clear | ZB | Zip Lock Bag |
| PA | Plastic Amber | PC | Plastic Clear |
| PC | Plastic Clear | | |
| Other | | | |

Size(s): 2oz, 4oz, 8oz, 16oz, 32oz, 1Gal
40ml, 125 ml, 250 ml, 500 ml, 1L, Other

** Preservative Type Codes

A. None E. HCL I. Ice
B. HNO₃ F. MeOH J. MCAA
C. H₂SO₄ G. Na₂S₂O₃ K. ZnAc&NaOH
D. NaOH H. NaHSO₄ L. Asbc Acid&NaOH
Q.

^ Matrix Type Codes

| | | | |
|----|-----------------|---|---------------------|
| GW | Ground Water | S | Soil/Sediment/Solid |
| WW | Waste Water | W | Wipe |
| DW | Drinking Water | A | Air |
| SW | Surface Water | O | Oil |
| OW | Ocean/Sea Water | T | Tissue |
| PL | Product-Liquid | U | Urine |
| PS | Product-Solid | B | Blood |
| SL | Sludge | | |

REMARKS

| | |
|---|----------------------|
| Company: Trinity Oilfield Services & Rentals, LLC | Phone: (575)390-7208 |
|---|----------------------|

| | |
|------------------------|------|
| Address: P.O. Box 2587 | Fax: |
|------------------------|------|

| | | |
|-------------|-----------|------------|
| City: Hobbs | State: NM | Zip: 88241 |
|-------------|-----------|------------|

| | |
|-------------------------|--|
| PM/Attn: Ben J. Arguijo | Email: wade.dittrich@oxy.com & ben@trinityoilfieldservices.com |
|-------------------------|--|

| | | |
|-------------|-----------------------|------|
| Project ID: | Mesa Verde BS Unit #8 | PO#: |
|-------------|-----------------------|------|

| | | |
|-------------|----------------------------------|----------|
| Invoice To: | Oxy - Wade Dittich (575)390-2828 | Quote #: |
|-------------|----------------------------------|----------|

| | |
|---------------|--|
| Sampler Name: | Circle One Event: Daily Weekly Monthly |
| Josh Halcomb | Quarterly Semi-Annual Annual N/A |

| Sample # | Sample ID | Collect Date | Collect Time | Matrix Code ¹ | Field Filtered | Integrity OK (Y/N) | Total # of |
|----------|-----------|--------------|--------------|--------------------------|----------------|--------------------|------------|
| 1 | SP-11 | 3/6/19 | 1332 | S | | | 1 |
| 2 | SP-12 | 3/6/19 | 1334 | S | | | 1 |
| 3 | SP-13 | 3/6/19 | 1340 | S | | | 1 |
| 4 | SP-14 | 3/6/19 | 1343 | S | | | 1 |
| 5 | SP-15 | 3/6/19 | 1345 | S | | | 1 |
| 6 | SP-16 | 3/7/19 | 1054 | S | | | 1 |
| 7 | SP-17 | 3/7/19 | 1057 | S | | | 1 |
| 8 | SP-18 | 3/7/19 | 1101 | S | | | 1 |
| 9 | SP-19 | 3/7/19 | 1103 | S | | | 1 |
| 0 | | | | | | | |

TAT Work Days = D Need results by: _____ Time: _____

Std (5-7D) 5Hrs 1D 2D 3D 4D 5D 7D 10D 14D Other

ANALYSES REQUESTED

[illegible]

| | |
|-------------|---------|
| Hold Sample | Run PAH |
| CALL [] | |
| Highest TPH | Only 18 |

| Reg. Program / Clean-up Std | | | | | | STATE for Certs & Regs | | | | | | QA/QC Level & Certification | | | | | | EDDs | | COC & Labels | | Coolers Temp °C | | Lab Use Only | | YES NO NA | |
|--------------------------------|-----------------|--|--|--|--|-------------------------|--|--|--|--|---------|-----------------------------|------|--|-------------|--|-------------|-------------------|---------|------------------|------|-----------------|------------------------------------|------------------------------|--|-----------|--|
| CTLs TRRP DW NPDES LPST DryCln | | | | | | FL TX GA NC SC NJ PA OK | | | | | | 1 2 3 4 CLP AFCEE QAPP | | | | | | ADaPT SEDD ERPIMS | | Match Incomplete | | 1-122 3 | | Non-Conformances found? | | | |
| Other: | | | | | | LA AL NM Other: | | | | | | NELAC DoD-ELAP Other: | | | | | | XLS Other: | | Absent Unclear | | | | Samples intact upon arrival? | | | |
| | Relinquished by | | | | | Affiliation | | | | | Date | | Time | | Received by | | Affiliation | | Date | | Time | | Received on Wet Ice? | | | | |
| 1 | Josh Halcomb | | | | | Trinity | | | | | 3/12/19 | | 9:57 | | X Butte | | MS | | 3/12/19 | | 957 | | Labeled with proper preservatives? | | | | |
| 2 | X Butte | | | | | MS | | | | | 3/12/19 | | 200 | | Butte | | Xenco | | 3/13/19 | | 1345 | | Received within holding time? | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | Custody seals intact? | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | VOCs rec'd w/o headspace? | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | Proper containers used? | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | pH verified-acceptable, excl VOCs? | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | Received on time to meet HTS? | | | | |

B&A Laboratories: Hobbs 575-392-7550 Dallas 214-902-0300 Houston 281-242-4200 Odessa 432-563-1800 San Antonio 210-509-3334 Phoenix 602-437-0330
 FTS Service Centers: Atlanta 770-449-8800 Lakeland 863-646-8526 Tampa 803-543-8099 Philadelphia 610-955-5649 South Carolina 803-543-8099

C.O.C. Serial #

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Revision Date: Nov 12, 2009

Final 1.000

Page 53 of 54

Released to Imaging: 12/14/2023 2:50:20 PM



Prelogin/Nonconformance Report- Sample Log-In

Client: Trinity Oilfield Services & Rentals, LLC

Date/ Time Received: 03/13/2019 12:45:00 PM

Work Order #: 617507

Acceptable Temperature Range: 0 - 6 degC

Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : R8

Sample Receipt Checklist

Comments

| | |
|---|-----|
| #1 *Temperature of cooler(s)? | 1.2 |
| #2 *Shipping container in good condition? | Yes |
| #3 *Samples received on ice? | Yes |
| #4 *Custody Seals intact on shipping container/ cooler? | N/A |
| #5 Custody Seals intact on sample bottles? | N/A |
| #6 *Custody Seals Signed and dated? | N/A |
| #7 *Chain of Custody present? | Yes |
| #8 Any missing/extra samples? | No |
| #9 Chain of Custody signed when relinquished/ received? | Yes |
| #10 Chain of Custody agrees with sample labels/matrix? | Yes |
| #11 Container label(s) legible and intact? | Yes |
| #12 Samples in proper container/ bottle? | Yes |
| #13 Samples properly preserved? | Yes |
| #14 Sample container(s) intact? | Yes |
| #15 Sufficient sample amount for indicated test(s)? | Yes |
| #16 All samples received within hold time? | Yes |
| #17 Subcontract of sample(s)? | N/A |
| #18 Water VOC samples have zero headspace? | N/A |

* Must be completed for after-hours delivery of samples prior to placing in the refrigerator

Analyst:

PH Device/Lot#:

Checklist completed by:

Brianna Teel

Date: 03/13/2019

Checklist reviewed by:

Holly Taylor

Date: 03/15/2019



Certificate of Analysis Summary 620782

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Project Name: Mesa Verde BS Unit #8



Project Id:

Contact: Ben Arguijo

Project Location:

Date Received in Lab: Thu Apr-11-19 11:15 am

Report Date: 23-APR-19

Project Manager: Holly Taylor

| <i>Analysis Requested</i> | <i>Lab Id:</i> | 620782-001 | 620782-002 | 620782-003 | 620782-004 | 620782-005 | 620782-006 |
|------------------------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | <i>Field Id:</i> | SP-1 @ 6" | SP-3 @ 6" | SP-5 @ 6" | SP-7 @ 6" | SP-9 @ 6" | SP-11 @ 6" |
| | <i>Depth:</i> | | | | | | |
| | <i>Matrix:</i> | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| | <i>Sampled:</i> | Apr-09-19 09:58 | Apr-09-19 09:49 | Apr-09-19 09:47 | Apr-09-19 09:43 | Apr-09-19 09:30 | Apr-09-19 09:25 |
| BTEX by EPA 8021B | <i>Extracted:</i> | Apr-16-19 08:30 | Apr-17-19 08:30 | Apr-17-19 08:30 | Apr-17-19 08:30 | Apr-17-19 08:30 | Apr-17-19 08:30 |
| | <i>Analyzed:</i> | Apr-16-19 20:22 | Apr-17-19 23:19 | Apr-17-19 23:38 | Apr-17-19 23:57 | Apr-17-19 12:16 | Apr-17-19 12:35 |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL |
| Benzene | | <0.00199 0.00199 | <0.00201 0.00201 | <0.00199 0.00199 | <0.00200 0.00200 | <0.00200 0.00200 | <0.00202 0.00202 |
| Toluene | | <0.00199 0.00199 | 0.00215 0.00201 | <0.00199 0.00199 | <0.00200 0.00200 | <0.00200 0.00200 | <0.00202 0.00202 |
| Ethylbenzene | | <0.00199 0.00199 | 0.00608 0.00201 | <0.00199 0.00199 | <0.00200 0.00200 | <0.00200 0.00200 | <0.00202 0.00202 |
| m,p-Xylenes | | <0.00398 0.00398 | 0.0494 0.00402 | <0.00398 0.00398 | <0.00400 0.00400 | <0.00400 0.00400 | <0.00404 0.00404 |
| o-Xylene | | <0.00199 0.00199 | 0.0409 0.00201 | <0.00199 0.00199 | <0.00200 0.00200 | <0.00200 0.00200 | <0.00202 0.00202 |
| Total Xylenes | | <0.00199 0.00199 | 0.0903 0.00201 | <0.00199 0.00199 | <0.00200 0.00200 | <0.00200 0.00200 | <0.00202 0.00202 |
| Total BTEX | | <0.00199 0.00199 | 0.0985 0.00201 | <0.00199 0.00199 | <0.00200 0.00200 | <0.00200 0.00200 | <0.00202 0.00202 |
| Chloride by EPA 300 | <i>Extracted:</i> | Apr-17-19 19:00 | Apr-17-19 19:00 | Apr-19-19 09:40 | Apr-19-19 09:40 | Apr-19-19 09:40 | Apr-19-19 09:40 |
| | <i>Analyzed:</i> | Apr-18-19 02:21 | Apr-18-19 02:27 | Apr-19-19 20:31 | Apr-19-19 20:37 | Apr-19-19 20:44 | Apr-19-19 20:50 |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL |
| Chloride | | 2020 24.8 | 279 5.00 | 121 4.98 | 76.6 4.98 | 237 5.01 | 68.4 5.01 |
| TPH By SW8015 Mod | <i>Extracted:</i> | Apr-13-19 09:00 | Apr-13-19 09:00 | Apr-13-19 09:00 | Apr-13-19 09:00 | Apr-13-19 09:00 | Apr-13-19 09:00 |
| | <i>Analyzed:</i> | Apr-13-19 11:13 | Apr-14-19 09:50 | Apr-13-19 12:30 | Apr-13-19 12:50 | Apr-13-19 13:09 | Apr-13-19 13:28 |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL |
| Gasoline Range Hydrocarbons (GRO) | | <15.0 15.0 | 436 74.9 | <14.9 14.9 | <15.0 15.0 | <15.0 15.0 | <15.0 15.0 |
| Diesel Range Organics (DRO) | | 124 15.0 | 5800 74.9 | 68.5 14.9 | 24.4 15.0 | 29.9 15.0 | 19.0 15.0 |
| Motor Oil Range Hydrocarbons (MRO) | | <15.0 15.0 | 925 74.9 | 17.5 14.9 | <15.0 15.0 | <15.0 15.0 | <15.0 15.0 |
| Total TPH | | 124 15.0 | 7160 74.9 | 86.0 14.9 | 24.4 15.0 | 29.9 15.0 | 19.0 15.0 |

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Holly Taylor
Project Manager



Certificate of Analysis Summary 620782

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Project Name: Mesa Verde BS Unit #8



Project Id:

Contact: Ben Arguijo

Project Location:

Date Received in Lab: Thu Apr-11-19 11:15 am

Report Date: 23-APR-19

Project Manager: Holly Taylor

| <i>Analysis Requested</i> | <i>Lab Id:</i> | 620782-007 | 620782-008 | 620782-009 | 620782-010 | 620782-011 | 620782-012 |
|------------------------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | <i>Field Id:</i> | SP-12 @ 6" | SP-13 @ 6" | SP-15 @ 6" | SP-16 @ 6" | SP-17 @ 6" | SP-19 @ 6" |
| | <i>Depth:</i> | | | | | | |
| | <i>Matrix:</i> | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| | <i>Sampled:</i> | Apr-09-19 08:52 | Apr-09-19 08:56 | Apr-09-19 10:09 | Apr-09-19 11:00 | Apr-09-19 10:45 | Apr-09-19 10:30 |
| BTEX by EPA 8021B | <i>Extracted:</i> | Apr-17-19 08:30 | Apr-17-19 08:30 | Apr-17-19 08:30 | Apr-17-19 08:30 | Apr-17-19 08:30 | Apr-17-19 08:30 |
| | <i>Analyzed:</i> | Apr-17-19 12:54 | Apr-17-19 13:13 | Apr-17-19 13:32 | Apr-17-19 13:51 | Apr-17-19 14:10 | Apr-17-19 15:24 |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL |
| Benzene | | <0.00198 0.00198 | <0.00201 0.00201 | <0.00199 0.00199 | <0.00200 0.00200 | <0.00200 0.00200 | <0.00202 0.00202 |
| Toluene | | <0.00198 0.00198 | <0.00201 0.00201 | <0.00199 0.00199 | <0.00200 0.00200 | <0.00200 0.00200 | <0.00202 0.00202 |
| Ethylbenzene | | <0.00198 0.00198 | <0.00201 0.00201 | <0.00199 0.00199 | <0.00200 0.00200 | <0.00200 0.00200 | <0.00202 0.00202 |
| m,p-Xylenes | | <0.00397 0.00397 | <0.00402 0.00402 | <0.00398 0.00398 | <0.00401 0.00401 | <0.00399 0.00399 | <0.00403 0.00403 |
| o-Xylene | | <0.00198 0.00198 | <0.00201 0.00201 | <0.00199 0.00199 | <0.00200 0.00200 | <0.00200 0.00200 | <0.00202 0.00202 |
| Total Xylenes | | <0.00198 0.00198 | <0.00201 0.00201 | <0.00199 0.00199 | <0.00200 0.00200 | <0.00200 0.00200 | <0.00202 0.00202 |
| Total BTEX | | <0.00198 0.00198 | <0.00201 0.00201 | <0.00199 0.00199 | <0.00200 0.00200 | <0.00200 0.00200 | <0.00202 0.00202 |
| Chloride by EPA 300 | <i>Extracted:</i> | Apr-19-19 09:40 | Apr-19-19 09:40 | Apr-19-19 12:00 | Apr-19-19 12:00 | Apr-19-19 12:00 | Apr-19-19 12:00 |
| | <i>Analyzed:</i> | Apr-19-19 20:57 | Apr-19-19 21:03 | Apr-19-19 17:36 | Apr-19-19 17:56 | Apr-19-19 18:02 | Apr-19-19 18:09 |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL |
| Chloride | | 108 5.01 | 682 24.8 | 127 5.00 | 1200 25.2 | 206 4.99 | 1010 25.0 |
| TPH By SW8015 Mod | <i>Extracted:</i> | Apr-13-19 09:00 | Apr-13-19 09:00 | Apr-13-19 09:00 | Apr-13-19 09:00 | Apr-13-19 09:00 | Apr-13-19 09:00 |
| | <i>Analyzed:</i> | Apr-13-19 13:47 | Apr-13-19 14:07 | Apr-13-19 14:26 | Apr-13-19 14:46 | Apr-13-19 15:45 | Apr-13-19 16:04 |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL |
| Gasoline Range Hydrocarbons (GRO) | | <15.0 15.0 | <14.9 14.9 | <14.9 14.9 | <15.0 15.0 | <15.0 15.0 | <15.0 15.0 |
| Diesel Range Organics (DRO) | | 218 15.0 | 217 14.9 | 1060 14.9 | 3230 15.0 | 59.6 15.0 | 706 15.0 |
| Motor Oil Range Hydrocarbons (MRO) | | 32.8 15.0 | 17.1 14.9 | 17.9 14.9 | 1120 E 15.0 | 89.8 15.0 | 130 15.0 |
| Total TPH | | 251 15.0 | 234 14.9 | 1080 14.9 | 4350 15.0 | 149 15.0 | 836 15.0 |

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Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Holly Taylor
Project Manager

Analytical Report 620782

for
Trinity Oilfield Services & Rentals, LLC

Project Manager: Ben Arguijo

Mesa Verde BS Unit #8

23-APR-19

Collected By: Client



1211 W. Florida Ave
Midland TX 79701

Xenco-Houston (EPA Lab Code: TX00122):
Texas (T104704215-18-28), Arizona (AZ0765), Florida (E871002-24), Louisiana (03054)
Oklahoma (2017-142)

Xenco-Dallas (EPA Lab Code: TX01468):
Texas (T104704295-18-17), Arizona (AZ0809), Arkansas (17-063-0)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-18-14)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-18-18)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-18-18)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-18-4)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757)
Xenco-Phoenix Mobile (EPA Lab Code: AZ00901): Arizona (AZM757)
Xenco-Atlanta (LELAP Lab ID #04176)
Xenco-Tampa: Florida (E87429), North Carolina (483)
Xenco-Lakeland: Florida (E84098)



23-APR-19

Project Manager: **Ben Arguijo**
Trinity Oilfield Services & Rentals, LLC
PO BOX 2587
Hobbs, NM 88241

Reference: XENCO Report No(s): **620782**
Mesa Verde BS Unit #8
Project Address:

Ben Arguijo:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 620782. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 620782 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

A handwritten signature in black ink that reads 'Holly Taylor'.

Holly Taylor
Project Manager

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

Certified and approved by numerous States and Agencies.

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Houston - Dallas - Midland - San Antonio - Phoenix - Oklahoma - Latin America



Sample Cross Reference 620782

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

| Sample Id | Matrix | Date Collected | Sample Depth | Lab Sample Id |
|------------|--------|----------------|--------------|---------------|
| SP-1 @ 6" | S | 04-09-19 09:58 | | 620782-001 |
| SP-3 @ 6" | S | 04-09-19 09:49 | | 620782-002 |
| SP-5 @ 6" | S | 04-09-19 09:47 | | 620782-003 |
| SP-7 @ 6" | S | 04-09-19 09:43 | | 620782-004 |
| SP-9 @ 6" | S | 04-09-19 09:30 | | 620782-005 |
| SP-11 @ 6" | S | 04-09-19 09:25 | | 620782-006 |
| SP-12 @ 6" | S | 04-09-19 08:52 | | 620782-007 |
| SP-13 @ 6" | S | 04-09-19 08:56 | | 620782-008 |
| SP-15 @ 6" | S | 04-09-19 10:09 | | 620782-009 |
| SP-16 @ 6" | S | 04-09-19 11:00 | | 620782-010 |
| SP-17 @ 6" | S | 04-09-19 10:45 | | 620782-011 |
| SP-19 @ 6" | S | 04-09-19 10:30 | | 620782-012 |

**CASE NARRATIVE****Client Name: Trinity Oilfield Services & Rentals, LLC****Project Name: Mesa Verde BS Unit #8**Project ID:
Work Order Number(s): 620782Report Date: 23-APR-19
Date Received: 04/11/2019**Sample receipt non conformances and comments:**

Chloride Batch 3086469: MB of 1.39 mg/kg is acceptable as it is below the reporting limit of 5.00 mg/kg.

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3085698 TPH By SW8015 Mod

Surrogate o-Terphenyl recovered above QC limits. Matrix interferences is suspected; data confirmed by re-analysis.

Samples affected are: 620782-002.

Batch: LBA-3085867 BTEX by EPA 8021B

Soil samples were not received in Terracore kits and therefore were prepared by method 5030.

Batch: LBA-3086132 BTEX by EPA 8021B

Toluene Relative Percent Difference (RPD) between matrix spike and duplicate was above quality control limits.

Samples in the analytical batch are: 620782-002, -003, -004, -005, -006, -007, -008, -009, -010, -011, -012
Soil samples were not received in Terracore kits and therefore were prepared by method 5030.Lab Sample ID 620782-002 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD).
Benzene, Ethylbenzene, Toluene, m,p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 620782-002, -003, -004, -005, -006, -007, -008, -009, -010, -011, -012.

The Laboratory Control Sample for Toluene, Benzene, m,p-Xylenes, Ethylbenzene, o-Xylene is within laboratory Control Limits, therefore the data was accepted.

Batch: LBA-3086451 Chloride by EPA 300

Lab Sample ID 621142-003 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD).
Chloride recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 620782-009, -010, -011, -012.

The Laboratory Control Sample for Chloride is within laboratory Control Limits, therefore the data was accepted.



Certificate of Analytical Results 620782

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-1 @ 6"**

Matrix: Soil

Date Received: 04.11.19 11.15

Lab Sample Id: 620782-001

Date Collected: 04.09.19 09.58

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: SPC

% Moisture:

Analyst: SPC

Date Prep: 04.17.19 19.00

Basis: Wet Weight

Seq Number: 3086191

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 2020 | 24.8 | mg/kg | 04.18.19 02.21 | | 5 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

Tech: ARM

% Moisture:

Analyst: ARM

Date Prep: 04.13.19 09.00

Basis: Wet Weight

Seq Number: 3085698

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | mg/kg | 04.13.19 11.13 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | 124 | 15.0 | mg/kg | 04.13.19 11.13 | | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | mg/kg | 04.13.19 11.13 | U | 1 |
| Total TPH | PHC635 | 124 | 15.0 | mg/kg | 04.13.19 11.13 | | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | 111-85-3 | 96 | % | 70-135 | 04.13.19 11.13 | | |
| o-Terphenyl | 84-15-1 | 103 | % | 70-135 | 04.13.19 11.13 | | |



Certificate of Analytical Results 620782

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-1 @ 6"**

Matrix: Soil

Date Received: 04.11.19 11.15

Lab Sample Id: 620782-001

Date Collected: 04.09.19 09.58

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SCM

% Moisture:

Analyst: SCM

Date Prep: 04.16.19 08.30

Basis: Wet Weight

Seq Number: 3085867

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------|-------|----------------|----------------|------|
| Benzene | 71-43-2 | <0.00199 | 0.00199 | mg/kg | 04.16.19 20.22 | U | 1 |
| Toluene | 108-88-3 | <0.00199 | 0.00199 | mg/kg | 04.16.19 20.22 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00199 | 0.00199 | mg/kg | 04.16.19 20.22 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00398 | 0.00398 | mg/kg | 04.16.19 20.22 | U | 1 |
| o-Xylene | 95-47-6 | <0.00199 | 0.00199 | mg/kg | 04.16.19 20.22 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00199 | 0.00199 | mg/kg | 04.16.19 20.22 | U | 1 |
| Total BTEX | | <0.00199 | 0.00199 | mg/kg | 04.16.19 20.22 | U | 1 |
| Surrogate | Cas Number | % Recovery | | Units | Limits | Analysis Date | Flag |
| 4-Bromofluorobenzene | 460-00-4 | 96 | | % | 70-130 | 04.16.19 20.22 | |
| 1,4-Difluorobenzene | 540-36-3 | 101 | | % | 70-130 | 04.16.19 20.22 | |



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Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-3 @ 6"**

Matrix: Soil

Date Received: 04.11.19 11.15

Lab Sample Id: 620782-002

Date Collected: 04.09.19 09.49

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: SPC

% Moisture:

Analyst: SPC

Date Prep: 04.17.19 19.00

Basis: Wet Weight

Seq Number: 3086191

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 279 | 5.00 | mg/kg | 04.18.19 02.27 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

Tech: ARM

% Moisture:

Analyst: ARM

Date Prep: 04.13.19 09.00

Basis: Wet Weight

Seq Number: 3085698

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|--------|------|-------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | 436 | 74.9 | mg/kg | 04.14.19 09.50 | | 5 |
| Diesel Range Organics (DRO) | C10C28DRO | 5800 | 74.9 | mg/kg | 04.14.19 09.50 | | 5 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | 925 | 74.9 | mg/kg | 04.14.19 09.50 | | 5 |
| Total TPH | PHC635 | 7160 | 74.9 | mg/kg | 04.14.19 09.50 | | 5 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|----------------|------------|------------|-------|--------|----------------|------|
| 1-Chlorooctane | 111-85-3 | 124 | % | 70-135 | 04.14.19 09.50 | |
| o-Terphenyl | 84-15-1 | 200 | % | 70-135 | 04.14.19 09.50 | ** |



Certificate of Analytical Results 620782

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-3 @ 6"**

Matrix: Soil

Date Received: 04.11.19 11.15

Lab Sample Id: 620782-002

Date Collected: 04.09.19 09.49

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SCM

% Moisture:

Analyst: SCM

Date Prep: 04.17.19 08.30

Basis: Wet Weight

Seq Number: 3086132

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00201 | 0.00201 | mg/kg | 04.17.19 23.19 | U | 1 |
| Toluene | 108-88-3 | 0.00215 | 0.00201 | mg/kg | 04.17.19 23.19 | | 1 |
| Ethylbenzene | 100-41-4 | 0.00608 | 0.00201 | mg/kg | 04.17.19 23.19 | | 1 |
| m,p-Xylenes | 179601-23-1 | 0.0494 | 0.00402 | mg/kg | 04.17.19 23.19 | | 1 |
| o-Xylene | 95-47-6 | 0.0409 | 0.00201 | mg/kg | 04.17.19 23.19 | | 1 |
| Total Xylenes | 1330-20-7 | 0.0903 | 0.00201 | mg/kg | 04.17.19 23.19 | | 1 |
| Total BTEX | | 0.0985 | 0.00201 | mg/kg | 04.17.19 23.19 | | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | 460-00-4 | 122 | % | 70-130 | 04.17.19 23.19 | | |
| 1,4-Difluorobenzene | 540-36-3 | 99 | % | 70-130 | 04.17.19 23.19 | | |



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Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-5 @ 6"**

Matrix: Soil

Date Received: 04.11.19 11.15

Lab Sample Id: 620782-003

Date Collected: 04.09.19 09.47

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

Analyst: CHE

Date Prep: 04.19.19 09.40

Basis: Wet Weight

Seq Number: 3086469

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 121 | 4.98 | mg/kg | 04.19.19 20.31 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

Tech: ARM

% Moisture:

Analyst: ARM

Date Prep: 04.13.19 09.00

Basis: Wet Weight

Seq Number: 3085698

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|--------|------|-------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <14.9 | 14.9 | mg/kg | 04.13.19 12.30 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | 68.5 | 14.9 | mg/kg | 04.13.19 12.30 | | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | 17.5 | 14.9 | mg/kg | 04.13.19 12.30 | | 1 |
| Total TPH | PHC635 | 86.0 | 14.9 | mg/kg | 04.13.19 12.30 | | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|----------------|------------|------------|-------|--------|----------------|------|
| 1-Chlorooctane | 111-85-3 | 92 | % | 70-135 | 04.13.19 12.30 | |
| o-Terphenyl | 84-15-1 | 91 | % | 70-135 | 04.13.19 12.30 | |



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Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-5 @ 6"**

Matrix: Soil

Date Received: 04.11.19 11.15

Lab Sample Id: 620782-003

Date Collected: 04.09.19 09.47

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SCM

% Moisture:

Analyst: SCM

Date Prep: 04.17.19 08.30

Basis: Wet Weight

Seq Number: 3086132

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------|--------|----------------|---------------|------|
| Benzene | 71-43-2 | <0.00199 | 0.00199 | mg/kg | 04.17.19 23.38 | U | 1 |
| Toluene | 108-88-3 | <0.00199 | 0.00199 | mg/kg | 04.17.19 23.38 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00199 | 0.00199 | mg/kg | 04.17.19 23.38 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00398 | 0.00398 | mg/kg | 04.17.19 23.38 | U | 1 |
| o-Xylene | 95-47-6 | <0.00199 | 0.00199 | mg/kg | 04.17.19 23.38 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00199 | 0.00199 | mg/kg | 04.17.19 23.38 | U | 1 |
| Total BTEX | | <0.00199 | 0.00199 | mg/kg | 04.17.19 23.38 | U | 1 |
| Surrogate | Cas Number | % Recovery | | Units | Limits | Analysis Date | Flag |
| 4-Bromofluorobenzene | 460-00-4 | 96 | % | 70-130 | 04.17.19 23.38 | | |
| 1,4-Difluorobenzene | 540-36-3 | 99 | % | 70-130 | 04.17.19 23.38 | | |



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Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-7 @ 6"**

Matrix: Soil

Date Received: 04.11.19 11.15

Lab Sample Id: 620782-004

Date Collected: 04.09.19 09.43

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

Analyst: CHE

Date Prep: 04.19.19 09.40

Basis: Wet Weight

Seq Number: 3086469

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 76.6 | 4.98 | mg/kg | 04.19.19 20.37 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

Tech: ARM

% Moisture:

Analyst: ARM

Date Prep: 04.13.19 09.00

Basis: Wet Weight

Seq Number: 3085698

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|--------|------|-------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | mg/kg | 04.13.19 12.50 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | 24.4 | 15.0 | mg/kg | 04.13.19 12.50 | | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | mg/kg | 04.13.19 12.50 | U | 1 |
| Total TPH | PHC635 | 24.4 | 15.0 | mg/kg | 04.13.19 12.50 | | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|----------------|------------|------------|-------|--------|----------------|------|
| 1-Chlorooctane | 111-85-3 | 95 | % | 70-135 | 04.13.19 12.50 | |
| o-Terphenyl | 84-15-1 | 94 | % | 70-135 | 04.13.19 12.50 | |



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Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-7 @ 6"**

Matrix: Soil

Date Received: 04.11.19 11.15

Lab Sample Id: 620782-004

Date Collected: 04.09.19 09.43

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SCM

% Moisture:

Analyst: SCM

Date Prep: 04.17.19 08.30

Basis: Wet Weight

Seq Number: 3086132

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00200 | 0.00200 | mg/kg | 04.17.19 23.57 | U | 1 |
| Toluene | 108-88-3 | <0.00200 | 0.00200 | mg/kg | 04.17.19 23.57 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00200 | 0.00200 | mg/kg | 04.17.19 23.57 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00400 | 0.00400 | mg/kg | 04.17.19 23.57 | U | 1 |
| o-Xylene | 95-47-6 | <0.00200 | 0.00200 | mg/kg | 04.17.19 23.57 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00200 | 0.00200 | mg/kg | 04.17.19 23.57 | U | 1 |
| Total BTEX | | <0.00200 | 0.00200 | mg/kg | 04.17.19 23.57 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | 540-36-3 | 101 | % | 70-130 | 04.17.19 23.57 | | |
| 4-Bromofluorobenzene | 460-00-4 | 98 | % | 70-130 | 04.17.19 23.57 | | |



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Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-9 @ 6"**

Matrix: Soil

Date Received: 04.11.19 11.15

Lab Sample Id: 620782-005

Date Collected: 04.09.19 09.30

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

Analyst: CHE

Date Prep: 04.19.19 09.40

Basis: Wet Weight

Seq Number: 3086469

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 237 | 5.01 | mg/kg | 04.19.19 20.44 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

Tech: ARM

% Moisture:

Analyst: ARM

Date Prep: 04.13.19 09.00

Basis: Wet Weight

Seq Number: 3085698

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|-------------|------|-------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | mg/kg | 04.13.19 13.09 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | 29.9 | 15.0 | mg/kg | 04.13.19 13.09 | | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | mg/kg | 04.13.19 13.09 | U | 1 |
| Total TPH | PHC635 | 29.9 | 15.0 | mg/kg | 04.13.19 13.09 | | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|----------------|------------|------------|-------|--------|----------------|------|
| 1-Chlorooctane | 111-85-3 | 97 | % | 70-135 | 04.13.19 13.09 | |
| o-Terphenyl | 84-15-1 | 96 | % | 70-135 | 04.13.19 13.09 | |



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Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-9 @ 6"**

Matrix: Soil

Date Received: 04.11.19 11.15

Lab Sample Id: 620782-005

Date Collected: 04.09.19 09.30

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SCM

% Moisture:

Analyst: SCM

Date Prep: 04.17.19 08.30

Basis: Wet Weight

Seq Number: 3086132

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00200 | 0.00200 | mg/kg | 04.17.19 12.16 | U | 1 |
| Toluene | 108-88-3 | <0.00200 | 0.00200 | mg/kg | 04.17.19 12.16 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00200 | 0.00200 | mg/kg | 04.17.19 12.16 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00400 | 0.00400 | mg/kg | 04.17.19 12.16 | U | 1 |
| o-Xylene | 95-47-6 | <0.00200 | 0.00200 | mg/kg | 04.17.19 12.16 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00200 | 0.00200 | mg/kg | 04.17.19 12.16 | U | 1 |
| Total BTEX | | <0.00200 | 0.00200 | mg/kg | 04.17.19 12.16 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | 540-36-3 | 102 | % | 70-130 | 04.17.19 12.16 | | |
| 4-Bromofluorobenzene | 460-00-4 | 99 | % | 70-130 | 04.17.19 12.16 | | |



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Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-11 @ 6"**

Matrix: Soil

Date Received: 04.11.19 11.15

Lab Sample Id: 620782-006

Date Collected: 04.09.19 09.25

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

Analyst: CHE

Date Prep: 04.19.19 09.40

Basis: Wet Weight

Seq Number: 3086469

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 68.4 | 5.01 | mg/kg | 04.19.19 20.50 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

Tech: ARM

% Moisture:

Analyst: ARM

Date Prep: 04.13.19 09.00

Basis: Wet Weight

Seq Number: 3085698

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | mg/kg | 04.13.19 13.28 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | 19.0 | 15.0 | mg/kg | 04.13.19 13.28 | | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | mg/kg | 04.13.19 13.28 | U | 1 |
| Total TPH | PHC635 | 19.0 | 15.0 | mg/kg | 04.13.19 13.28 | | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | 111-85-3 | 100 | % | 70-135 | 04.13.19 13.28 | | |
| o-Terphenyl | 84-15-1 | 101 | % | 70-135 | 04.13.19 13.28 | | |



Certificate of Analytical Results 620782



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-11 @ 6"**

Matrix: Soil

Date Received: 04.11.19 11.15

Lab Sample Id: 620782-006

Date Collected: 04.09.19 09.25

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SCM

% Moisture:

Analyst: SCM

Date Prep: 04.17.19 08.30

Basis: Wet Weight

Seq Number: 3086132

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------|-------|----------------|----------------|------|
| Benzene | 71-43-2 | <0.00202 | 0.00202 | mg/kg | 04.17.19 12.35 | U | 1 |
| Toluene | 108-88-3 | <0.00202 | 0.00202 | mg/kg | 04.17.19 12.35 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00202 | 0.00202 | mg/kg | 04.17.19 12.35 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00404 | 0.00404 | mg/kg | 04.17.19 12.35 | U | 1 |
| o-Xylene | 95-47-6 | <0.00202 | 0.00202 | mg/kg | 04.17.19 12.35 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00202 | 0.00202 | mg/kg | 04.17.19 12.35 | U | 1 |
| Total BTEX | | <0.00202 | 0.00202 | mg/kg | 04.17.19 12.35 | U | 1 |
| Surrogate | Cas Number | % Recovery | | Units | Limits | Analysis Date | Flag |
| 4-Bromofluorobenzene | 460-00-4 | 97 | | % | 70-130 | 04.17.19 12.35 | |
| 1,4-Difluorobenzene | 540-36-3 | 101 | | % | 70-130 | 04.17.19 12.35 | |



Certificate of Analytical Results 620782



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-12 @ 6"**

Matrix: Soil

Date Received: 04.11.19 11.15

Lab Sample Id: 620782-007

Date Collected: 04.09.19 08.52

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

Analyst: CHE

Date Prep: 04.19.19 09.40

Basis: Wet Weight

Seq Number: 3086469

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 108 | 5.01 | mg/kg | 04.19.19 20.57 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

Tech: ARM

% Moisture:

Analyst: ARM

Date Prep: 04.13.19 09.00

Basis: Wet Weight

Seq Number: 3085698

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|------|-------|----------------|----------------|------|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | mg/kg | 04.13.19 13.47 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | 218 | 15.0 | mg/kg | 04.13.19 13.47 | | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | 32.8 | 15.0 | mg/kg | 04.13.19 13.47 | | 1 |
| Total TPH | PHC635 | 251 | 15.0 | mg/kg | 04.13.19 13.47 | | 1 |
| | | | | | | | |
| Surrogate | Cas Number | % Recovery | | Units | Limits | Analysis Date | Flag |
| 1-Chlorooctane | 111-85-3 | 100 | | % | 70-135 | 04.13.19 13.47 | |
| o-Terphenyl | 84-15-1 | 110 | | % | 70-135 | 04.13.19 13.47 | |



Certificate of Analytical Results 620782



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-12 @ 6"**

Matrix: Soil

Date Received: 04.11.19 11.15

Lab Sample Id: 620782-007

Date Collected: 04.09.19 08.52

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SCM

% Moisture:

Analyst: SCM

Date Prep: 04.17.19 08.30

Basis: Wet Weight

Seq Number: 3086132

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------|-------|----------------|----------------|------|
| Benzene | 71-43-2 | <0.00198 | 0.00198 | mg/kg | 04.17.19 12.54 | U | 1 |
| Toluene | 108-88-3 | <0.00198 | 0.00198 | mg/kg | 04.17.19 12.54 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00198 | 0.00198 | mg/kg | 04.17.19 12.54 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00397 | 0.00397 | mg/kg | 04.17.19 12.54 | U | 1 |
| o-Xylene | 95-47-6 | <0.00198 | 0.00198 | mg/kg | 04.17.19 12.54 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00198 | 0.00198 | mg/kg | 04.17.19 12.54 | U | 1 |
| Total BTEX | | <0.00198 | 0.00198 | mg/kg | 04.17.19 12.54 | U | 1 |
| Surrogate | Cas Number | % Recovery | | Units | Limits | Analysis Date | Flag |
| 1,4-Difluorobenzene | 540-36-3 | 102 | | % | 70-130 | 04.17.19 12.54 | |
| 4-Bromofluorobenzene | 460-00-4 | 97 | | % | 70-130 | 04.17.19 12.54 | |



Certificate of Analytical Results 620782



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-13 @ 6"**

Matrix: Soil

Date Received: 04.11.19 11.15

Lab Sample Id: 620782-008

Date Collected: 04.09.19 08.56

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

Analyst: CHE

Date Prep: 04.19.19 09.40

Basis: Wet Weight

Seq Number: 3086469

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 682 | 24.8 | mg/kg | 04.19.19 21.03 | | 5 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

Tech: ARM

% Moisture:

Analyst: ARM

Date Prep: 04.13.19 09.00

Basis: Wet Weight

Seq Number: 3085698

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <14.9 | 14.9 | mg/kg | 04.13.19 14.07 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | 217 | 14.9 | mg/kg | 04.13.19 14.07 | | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | 17.1 | 14.9 | mg/kg | 04.13.19 14.07 | | 1 |
| Total TPH | PHC635 | 234 | 14.9 | mg/kg | 04.13.19 14.07 | | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | 111-85-3 | 95 | % | 70-135 | 04.13.19 14.07 | | |
| o-Terphenyl | 84-15-1 | 110 | % | 70-135 | 04.13.19 14.07 | | |



Certificate of Analytical Results 620782



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-13 @ 6"**

Matrix: Soil

Date Received: 04.11.19 11.15

Lab Sample Id: 620782-008

Date Collected: 04.09.19 08.56

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SCM

% Moisture:

Analyst: SCM

Date Prep: 04.17.19 08.30

Basis: Wet Weight

Seq Number: 3086132

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------|-------|----------------|----------------|------|
| Benzene | 71-43-2 | <0.00201 | 0.00201 | mg/kg | 04.17.19 13.13 | U | 1 |
| Toluene | 108-88-3 | <0.00201 | 0.00201 | mg/kg | 04.17.19 13.13 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00201 | 0.00201 | mg/kg | 04.17.19 13.13 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00402 | 0.00402 | mg/kg | 04.17.19 13.13 | U | 1 |
| o-Xylene | 95-47-6 | <0.00201 | 0.00201 | mg/kg | 04.17.19 13.13 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00201 | 0.00201 | mg/kg | 04.17.19 13.13 | U | 1 |
| Total BTEX | | <0.00201 | 0.00201 | mg/kg | 04.17.19 13.13 | U | 1 |
| Surrogate | Cas Number | % Recovery | | Units | Limits | Analysis Date | Flag |
| 4-Bromofluorobenzene | 460-00-4 | 98 | | % | 70-130 | 04.17.19 13.13 | |
| 1,4-Difluorobenzene | 540-36-3 | 102 | | % | 70-130 | 04.17.19 13.13 | |



Certificate of Analytical Results 620782



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-15 @ 6"**

Matrix: Soil

Date Received: 04.11.19 11.15

Lab Sample Id: 620782-009

Date Collected: 04.09.19 10.09

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

Analyst: CHE

Date Prep: 04.19.19 12.00

Basis: Wet Weight

Seq Number: 3086451

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 127 | 5.00 | mg/kg | 04.19.19 17.36 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

Tech: ARM

% Moisture:

Analyst: ARM

Date Prep: 04.13.19 09.00

Basis: Wet Weight

Seq Number: 3085698

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|--------|------|-------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <14.9 | 14.9 | mg/kg | 04.13.19 14.26 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | 1060 | 14.9 | mg/kg | 04.13.19 14.26 | | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | 17.9 | 14.9 | mg/kg | 04.13.19 14.26 | | 1 |
| Total TPH | PHC635 | 1080 | 14.9 | mg/kg | 04.13.19 14.26 | | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|----------------|------------|------------|-------|--------|----------------|------|
| 1-Chlorooctane | 111-85-3 | 96 | % | 70-135 | 04.13.19 14.26 | |
| o-Terphenyl | 84-15-1 | 123 | % | 70-135 | 04.13.19 14.26 | |



Certificate of Analytical Results 620782



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-15 @ 6"**

Matrix: Soil

Date Received: 04.11.19 11.15

Lab Sample Id: 620782-009

Date Collected: 04.09.19 10.09

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SCM

% Moisture:

Analyst: SCM

Date Prep: 04.17.19 08.30

Basis: Wet Weight

Seq Number: 3086132

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|---------|--------------|----------------|----------------------|-------------|
| Benzene | 71-43-2 | <0.00199 | 0.00199 | mg/kg | 04.17.19 13.32 | U | 1 |
| Toluene | 108-88-3 | <0.00199 | 0.00199 | mg/kg | 04.17.19 13.32 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00199 | 0.00199 | mg/kg | 04.17.19 13.32 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00398 | 0.00398 | mg/kg | 04.17.19 13.32 | U | 1 |
| o-Xylene | 95-47-6 | <0.00199 | 0.00199 | mg/kg | 04.17.19 13.32 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00199 | 0.00199 | mg/kg | 04.17.19 13.32 | U | 1 |
| Total BTEX | | <0.00199 | 0.00199 | mg/kg | 04.17.19 13.32 | U | 1 |
| | | % Recovery | | | | | |
| Surrogate | Cas Number | | | Units | Limits | Analysis Date | Flag |
| 1,4-Difluorobenzene | 540-36-3 | | 99 | % | 70-130 | 04.17.19 13.32 | |
| 4-Bromofluorobenzene | 460-00-4 | | 93 | % | 70-130 | 04.17.19 13.32 | |



Certificate of Analytical Results 620782



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-16 @ 6"**

Matrix: Soil

Date Received: 04.11.19 11.15

Lab Sample Id: 620782-010

Date Collected: 04.09.19 11.00

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

Analyst: CHE

Date Prep: 04.19.19 12.00

Basis: Wet Weight

Seq Number: 3086451

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 1200 | 25.2 | mg/kg | 04.19.19 17.56 | | 5 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

Tech: ARM

% Moisture:

Analyst: ARM

Date Prep: 04.13.19 09.00

Basis: Wet Weight

Seq Number: 3085698

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|------|-------|----------------|----------------|------|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | mg/kg | 04.13.19 14.46 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | 3230 | 15.0 | mg/kg | 04.13.19 14.46 | | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | 1120 | 15.0 | mg/kg | 04.13.19 14.46 | E | 1 |
| Total TPH | PHC635 | 4350 | 15.0 | mg/kg | 04.13.19 14.46 | | 1 |
| Surrogate | Cas Number | % Recovery | | Units | Limits | Analysis Date | Flag |
| 1-Chlorooctane | 111-85-3 | | 106 | % | 70-135 | 04.13.19 14.46 | |
| o-Terphenyl | 84-15-1 | | 127 | % | 70-135 | 04.13.19 14.46 | |



Certificate of Analytical Results 620782



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-16 @ 6"**

Matrix: Soil

Date Received: 04.11.19 11.15

Lab Sample Id: 620782-010

Date Collected: 04.09.19 11.00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SCM

% Moisture:

Analyst: SCM

Date Prep: 04.17.19 08.30

Basis: Wet Weight

Seq Number: 3086132

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------|-------|----------------|----------------|------|
| Benzene | 71-43-2 | <0.00200 | 0.00200 | mg/kg | 04.17.19 13.51 | U | 1 |
| Toluene | 108-88-3 | <0.00200 | 0.00200 | mg/kg | 04.17.19 13.51 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00200 | 0.00200 | mg/kg | 04.17.19 13.51 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00401 | 0.00401 | mg/kg | 04.17.19 13.51 | U | 1 |
| o-Xylene | 95-47-6 | <0.00200 | 0.00200 | mg/kg | 04.17.19 13.51 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00200 | 0.00200 | mg/kg | 04.17.19 13.51 | U | 1 |
| Total BTEX | | <0.00200 | 0.00200 | mg/kg | 04.17.19 13.51 | U | 1 |
| Surrogate | Cas Number | % Recovery | | Units | Limits | Analysis Date | Flag |
| 4-Bromofluorobenzene | 460-00-4 | 105 | | % | 70-130 | 04.17.19 13.51 | |
| 1,4-Difluorobenzene | 540-36-3 | 105 | | % | 70-130 | 04.17.19 13.51 | |



Certificate of Analytical Results 620782



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-17 @ 6"**

Matrix: Soil

Date Received: 04.11.19 11.15

Lab Sample Id: 620782-011

Date Collected: 04.09.19 10.45

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

Analyst: CHE

Date Prep: 04.19.19 12.00

Basis: Wet Weight

Seq Number: 3086451

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 206 | 4.99 | mg/kg | 04.19.19 18.02 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

Tech: ARM

% Moisture:

Analyst: ARM

Date Prep: 04.13.19 09.00

Basis: Wet Weight

Seq Number: 3085698

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|------|--------|----------------|---------------|------|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | mg/kg | 04.13.19 15.45 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | 59.6 | 15.0 | mg/kg | 04.13.19 15.45 | | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | 89.8 | 15.0 | mg/kg | 04.13.19 15.45 | | 1 |
| Total TPH | PHC635 | 149 | 15.0 | mg/kg | 04.13.19 15.45 | | 1 |
| Surrogate | Cas Number | % Recovery | | Units | Limits | Analysis Date | Flag |
| 1-Chlorooctane | 111-85-3 | 91 | % | 70-135 | 04.13.19 15.45 | | |
| o-Terphenyl | 84-15-1 | 91 | % | 70-135 | 04.13.19 15.45 | | |



Certificate of Analytical Results 620782



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-17 @ 6"**

Matrix: Soil

Date Received: 04.11.19 11.15

Lab Sample Id: 620782-011

Date Collected: 04.09.19 10.45

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SCM

% Moisture:

Analyst: SCM

Date Prep: 04.17.19 08.30

Basis: Wet Weight

Seq Number: 3086132

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------|-------|----------------|----------------|------|
| Benzene | 71-43-2 | <0.00200 | 0.00200 | mg/kg | 04.17.19 14.10 | U | 1 |
| Toluene | 108-88-3 | <0.00200 | 0.00200 | mg/kg | 04.17.19 14.10 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00200 | 0.00200 | mg/kg | 04.17.19 14.10 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00399 | 0.00399 | mg/kg | 04.17.19 14.10 | U | 1 |
| o-Xylene | 95-47-6 | <0.00200 | 0.00200 | mg/kg | 04.17.19 14.10 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00200 | 0.00200 | mg/kg | 04.17.19 14.10 | U | 1 |
| Total BTEX | | <0.00200 | 0.00200 | mg/kg | 04.17.19 14.10 | U | 1 |
| Surrogate | Cas Number | % Recovery | | Units | Limits | Analysis Date | Flag |
| 4-Bromofluorobenzene | 460-00-4 | 102 | | % | 70-130 | 04.17.19 14.10 | |
| 1,4-Difluorobenzene | 540-36-3 | 102 | | % | 70-130 | 04.17.19 14.10 | |



Certificate of Analytical Results 620782



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-19 @ 6"**

Matrix: Soil

Date Received: 04.11.19 11.15

Lab Sample Id: 620782-012

Date Collected: 04.09.19 10.30

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

Analyst: CHE

Date Prep: 04.19.19 12.00

Basis: Wet Weight

Seq Number: 3086451

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 1010 | 25.0 | mg/kg | 04.19.19 18.09 | | 5 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

Tech: ARM

% Moisture:

Analyst: ARM

Date Prep: 04.13.19 09.00

Basis: Wet Weight

Seq Number: 3085698

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|--------|------|-------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | mg/kg | 04.13.19 16.04 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | 706 | 15.0 | mg/kg | 04.13.19 16.04 | | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | 130 | 15.0 | mg/kg | 04.13.19 16.04 | | 1 |
| Total TPH | PHC635 | 836 | 15.0 | mg/kg | 04.13.19 16.04 | | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|----------------|------------|------------|-------|--------|----------------|------|
| 1-Chlorooctane | 111-85-3 | 97 | % | 70-135 | 04.13.19 16.04 | |
| o-Terphenyl | 84-15-1 | 116 | % | 70-135 | 04.13.19 16.04 | |



Certificate of Analytical Results 620782



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: **SP-19 @ 6"**

Matrix: Soil

Date Received: 04.11.19 11.15

Lab Sample Id: 620782-012

Date Collected: 04.09.19 10.30

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SCM

% Moisture:

Analyst: SCM

Date Prep: 04.17.19 08.30

Basis: Wet Weight

Seq Number: 3086132

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------|-------|----------------|----------------|------|
| Benzene | 71-43-2 | <0.00202 | 0.00202 | mg/kg | 04.17.19 15.24 | U | 1 |
| Toluene | 108-88-3 | <0.00202 | 0.00202 | mg/kg | 04.17.19 15.24 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00202 | 0.00202 | mg/kg | 04.17.19 15.24 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00403 | 0.00403 | mg/kg | 04.17.19 15.24 | U | 1 |
| o-Xylene | 95-47-6 | <0.00202 | 0.00202 | mg/kg | 04.17.19 15.24 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00202 | 0.00202 | mg/kg | 04.17.19 15.24 | U | 1 |
| Total BTEX | | <0.00202 | 0.00202 | mg/kg | 04.17.19 15.24 | U | 1 |
| Surrogate | Cas Number | % Recovery | | Units | Limits | Analysis Date | Flag |
| 1,4-Difluorobenzene | 540-36-3 | 100 | | % | 70-130 | 04.17.19 15.24 | |
| 4-Bromofluorobenzene | 460-00-4 | 92 | | % | 70-130 | 04.17.19 15.24 | |



Flagging Criteria



- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F** RPD exceeded lab control limits.
- J** The target analyte was positively identified below the quantitation limit and above the detection limit.
- U** Analyte was not detected.
- L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K** Sample analyzed outside of recommended hold time.
- JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample **BLK** Method Blank

BKS/LCS Blank Spike/Laboratory Control Sample **BKSD/LCSD** Blank Spike Duplicate/Laboratory Control Sample Duplicate

MD/SD Method Duplicate/Sample Duplicate **MS** Matrix Spike **MSD:** Matrix Spike Duplicate

+ NELAC certification not offered for this compound.

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation



Trinity Oilfield Services & Rentals, LLC

Mesa Verde BS Unit #8

Analytical Method: Chloride by EPA 300

Seq Number: 3086191

MB Sample Id: 7676024-1-BLK

Matrix: Solid

LCS Sample Id: 7676024-1-BKS

Prep Method: E300P

Date Prep: 04.17.19

LCSD Sample Id: 7676024-1-BSD

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------|-----------|--------------|------------|----------|-------------|-----------|--------|------|-----------|-------|----------------|------|
| Chloride | <0.858 | 250 | 249 | 100 | 252 | 101 | 90-110 | 1 | 20 | mg/kg | 04.17.19 23:20 | |

Analytical Method: Chloride by EPA 300

Seq Number: 3086469

MB Sample Id: 7676193-1-BLK

Matrix: Solid

LCS Sample Id: 7676193-1-BKS

Prep Method: E300P

Date Prep: 04.19.19

LCSD Sample Id: 7676193-1-BSD

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------|-----------|--------------|------------|----------|-------------|-----------|--------|------|-----------|-------|----------------|------|
| Chloride | 1.39 | 250 | 254 | 102 | 253 | 101 | 90-110 | 0 | 20 | mg/kg | 04.19.19 17:56 | |

Analytical Method: Chloride by EPA 300

Seq Number: 3086451

MB Sample Id: 7676196-1-BLK

Matrix: Solid

LCS Sample Id: 7676196-1-BKS

Prep Method: E300P

Date Prep: 04.19.19

LCSD Sample Id: 7676196-1-BSD

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------|-----------|--------------|------------|----------|-------------|-----------|--------|------|-----------|-------|----------------|------|
| Chloride | <0.858 | 250 | 272 | 109 | 269 | 108 | 90-110 | 1 | 20 | mg/kg | 04.19.19 17:23 | |

Analytical Method: Chloride by EPA 300

Seq Number: 3086191

Parent Sample Id: 620782-002

Matrix: Soil

MS Sample Id: 620782-002 S

Prep Method: E300P

Date Prep: 04.17.19

MSD Sample Id: 620782-002 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------|---------------|--------------|-----------|---------|------------|----------|--------|------|-----------|-------|----------------|------|
| Chloride | 279 | 250 | 514 | 94 | 507 | 91 | 90-110 | 1 | 20 | mg/kg | 04.18.19 17:07 | |

Analytical Method: Chloride by EPA 300

Seq Number: 3086191

Parent Sample Id: 620948-004

Matrix: Soil

MS Sample Id: 620948-004 S

Prep Method: E300P

Date Prep: 04.17.19

MSD Sample Id: 620948-004 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------|---------------|--------------|-----------|---------|------------|----------|--------|------|-----------|-------|----------------|------|
| Chloride | 2.16 | 252 | 254 | 100 | 258 | 102 | 90-110 | 2 | 20 | mg/kg | 04.17.19 23:40 | |

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec



Trinity Oilfield Services & Rentals, LLC

Mesa Verde BS Unit #8

Analytical Method: Chloride by EPA 300

Seq Number: 3086469

Parent Sample Id: 621004-003

Matrix: Soil

MS Sample Id: 621004-003 S

Prep Method: E300P

Date Prep: 04.19.19

MSD Sample Id: 621004-003 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------|---------------|--------------|-----------|---------|------------|----------|--------|------|-----------|-------|----------------|------|
| Chloride | 19.3 | 250 | 196 | 71 | 269 | 100 | 90-110 | 31 | 20 | mg/kg | 04.19.19 18:16 | XF |

Analytical Method: Chloride by EPA 300

Seq Number: 3086469

Parent Sample Id: 621045-001

Matrix: Soil

MS Sample Id: 621045-001 S

Prep Method: E300P

Date Prep: 04.19.19

MSD Sample Id: 621045-001 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------|---------------|--------------|-----------|---------|------------|----------|--------|------|-----------|-------|----------------|------|
| Chloride | 178 | 248 | 256 | 31 | 366 | 76 | 90-110 | 35 | 20 | mg/kg | 04.22.19 11:04 | XF |

Analytical Method: Chloride by EPA 300

Seq Number: 3086451

Parent Sample Id: 620782-009

Matrix: Soil

MS Sample Id: 620782-009 S

Prep Method: E300P

Date Prep: 04.19.19

MSD Sample Id: 620782-009 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------|---------------|--------------|-----------|---------|------------|----------|--------|------|-----------|-------|----------------|------|
| Chloride | 127 | 250 | 339 | 85 | 334 | 83 | 90-110 | 1 | 20 | mg/kg | 04.19.19 17:43 | X |

Analytical Method: Chloride by EPA 300

Seq Number: 3086451

Parent Sample Id: 621142-003

Matrix: Soil

MS Sample Id: 621142-003 S

Prep Method: E300P

Date Prep: 04.19.19

MSD Sample Id: 621142-003 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------|---------------|--------------|-----------|---------|------------|----------|--------|------|-----------|-------|----------------|------|
| Chloride | 6.85 | 250 | 279 | 109 | 260 | 101 | 90-110 | 7 | 20 | mg/kg | 04.19.19 19:14 | |

Analytical Method: TPH By SW8015 Mod

Seq Number: 3085698

MB Sample Id: 7675750-1-BLK

Matrix: Solid

LCS Sample Id: 7675750-1-BKS

Prep Method: TX1005P

Date Prep: 04.13.19

LCSD Sample Id: 7675750-1-BSD

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------------------------------|-----------|--------------|------------|----------|-------------|-----------|--------|------|-----------|-------|----------------|------|
| Gasoline Range Hydrocarbons (GRO) | <8.00 | 1000 | 928 | 93 | 966 | 97 | 70-135 | 4 | 20 | mg/kg | 04.13.19 10:34 | |
| Diesel Range Organics (DRO) | <8.13 | 1000 | 965 | 97 | 987 | 99 | 70-135 | 2 | 20 | mg/kg | 04.13.19 10:34 | |

Surrogate

| Surrogate | MB %Rec | MB Flag | LCS %Rec | LCS Flag | LCSD %Rec | LCSD Flag | Limits | Units | Analysis Date |
|----------------|---------|---------|----------|----------|-----------|-----------|--------|-------|----------------|
| 1-Chlorooctane | 106 | | 123 | | 124 | | 70-135 | % | 04.13.19 10:34 |
| o-Terphenyl | 107 | | 120 | | 119 | | 70-135 | % | 04.13.19 10:34 |

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C-A) / B$
 $RPD = 200 * |(C-E) / (C+E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec



Trinity Oilfield Services & Rentals, LLC

Mesa Verde BS Unit #8

Analytical Method: TPH By SW8015 Mod

Seq Number: 3085698

Parent Sample Id: 620782-001

Matrix: Soil

MS Sample Id: 620782-001 S

Prep Method: TX1005P

Date Prep: 04.13.19

MSD Sample Id: 620782-001 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------------------------------|---------------|--------------|-----------|---------|------------|----------|--------|------|-----------|-------|----------------|------|
| Gasoline Range Hydrocarbons (GRO) | <7.99 | 999 | 1010 | 101 | 1040 | 104 | 70-135 | 3 | 20 | mg/kg | 04.13.19 11:32 | |
| Diesel Range Organics (DRO) | 124 | 999 | 1220 | 110 | 1240 | 112 | 70-135 | 2 | 20 | mg/kg | 04.13.19 11:32 | |

| Surrogate | MS %Rec | MS Flag | MSD %Rec | MSD Flag | Limits | Units | Analysis Date |
|----------------|---------|---------|----------|----------|--------|-------|----------------|
| 1-Chlorooctane | 124 | | 128 | | 70-135 | % | 04.13.19 11:32 |
| o-Terphenyl | 116 | | 119 | | 70-135 | % | 04.13.19 11:32 |

Analytical Method: BTEX by EPA 8021B

Seq Number: 3085867

MB Sample Id: 7675871-1-BLK

Matrix: Solid

LCS Sample Id: 7675871-1-BKS

Prep Method: SW5030B

Date Prep: 04.16.19

LCSD Sample Id: 7675871-1-BSD

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|--------------|-----------|--------------|------------|----------|-------------|-----------|--------|------|-----------|-------|----------------|------|
| Benzene | <0.000387 | 0.101 | 0.0990 | 98 | 0.0994 | 100 | 70-130 | 0 | 35 | mg/kg | 04.16.19 08:57 | |
| Toluene | <0.000458 | 0.101 | 0.0996 | 99 | 0.100 | 100 | 70-130 | 0 | 35 | mg/kg | 04.16.19 08:57 | |
| Ethylbenzene | <0.000568 | 0.101 | 0.0914 | 90 | 0.0918 | 92 | 70-130 | 0 | 35 | mg/kg | 04.16.19 08:57 | |
| m,p-Xylenes | <0.00102 | 0.201 | 0.182 | 91 | 0.182 | 91 | 70-130 | 0 | 35 | mg/kg | 04.16.19 08:57 | |
| o-Xylene | <0.000346 | 0.101 | 0.0919 | 91 | 0.0921 | 92 | 70-130 | 0 | 35 | mg/kg | 04.16.19 08:57 | |

| Surrogate | MB %Rec | MB Flag | LCS %Rec | LCS Flag | LCSD %Rec | LCSD Flag | Limits | Units | Analysis Date |
|----------------------|---------|---------|----------|----------|-----------|-----------|--------|-------|----------------|
| 1,4-Difluorobenzene | 90 | | 100 | | 101 | | 70-130 | % | 04.16.19 08:57 |
| 4-Bromofluorobenzene | 82 | | 95 | | 96 | | 70-130 | % | 04.16.19 08:57 |

Analytical Method: BTEX by EPA 8021B

Seq Number: 3086132

MB Sample Id: 7676055-1-BLK

Matrix: Solid

LCS Sample Id: 7676055-1-BKS

Prep Method: SW5030B

Date Prep: 04.17.19

LCSD Sample Id: 7676055-1-BSD

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|--------------|-----------|--------------|------------|----------|-------------|-----------|--------|------|-----------|-------|----------------|------|
| Benzene | <0.000383 | 0.0994 | 0.0929 | 93 | 0.0939 | 94 | 70-130 | 1 | 35 | mg/kg | 04.17.19 09:27 | |
| Toluene | <0.000453 | 0.0994 | 0.0930 | 94 | 0.0943 | 94 | 70-130 | 1 | 35 | mg/kg | 04.17.19 09:27 | |
| Ethylbenzene | <0.000561 | 0.0994 | 0.0858 | 86 | 0.0868 | 87 | 70-130 | 1 | 35 | mg/kg | 04.17.19 09:27 | |
| m,p-Xylenes | <0.00101 | 0.199 | 0.169 | 85 | 0.172 | 86 | 70-130 | 2 | 35 | mg/kg | 04.17.19 09:27 | |
| o-Xylene | <0.000342 | 0.0994 | 0.0856 | 86 | 0.0871 | 87 | 70-130 | 2 | 35 | mg/kg | 04.17.19 09:27 | |

| Surrogate | MB %Rec | MB Flag | LCS %Rec | LCS Flag | LCSD %Rec | LCSD Flag | Limits | Units | Analysis Date |
|----------------------|---------|---------|----------|----------|-----------|-----------|--------|-------|----------------|
| 1,4-Difluorobenzene | 92 | | 100 | | 100 | | 70-130 | % | 04.17.19 09:27 |
| 4-Bromofluorobenzene | 86 | | 95 | | 94 | | 70-130 | % | 04.17.19 09:27 |

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

[D] = 100*(C-A) / B
RPD = 200* |(C-E) / (C+E)|
[D] = 100 * (C) / [B]
Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec



Trinity Oilfield Services & Rentals, LLC
Mesa Verde BS Unit #8

Analytical Method: BTEX by EPA 8021B

Seq Number: 3085867

Parent Sample Id: 621040-001

Matrix: Soil

MS Sample Id: 621040-001 S

Prep Method: SW5030B

Date Prep: 04.16.19

MSD Sample Id: 621040-001 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|--------------|---------------|--------------|-----------|---------|------------|----------|--------|------|-----------|-------|----------------|------|
| Benzene | <0.000383 | 0.0994 | 0.0887 | 89 | 0.0929 | 93 | 70-130 | 5 | 35 | mg/kg | 04.16.19 09:35 | |
| Toluene | <0.000453 | 0.0994 | 0.0894 | 90 | 0.0929 | 93 | 70-130 | 4 | 35 | mg/kg | 04.16.19 09:35 | |
| Ethylbenzene | <0.000561 | 0.0994 | 0.0827 | 83 | 0.0842 | 84 | 70-130 | 2 | 35 | mg/kg | 04.16.19 09:35 | |
| m,p-Xylenes | <0.00101 | 0.199 | 0.163 | 82 | 0.167 | 84 | 70-130 | 2 | 35 | mg/kg | 04.16.19 09:35 | |
| o-Xylene | <0.000342 | 0.0994 | 0.0831 | 84 | 0.0850 | 85 | 70-130 | 2 | 35 | mg/kg | 04.16.19 09:35 | |

| Surrogate | MS %Rec | MS Flag | MSD %Rec | MSD Flag | Limits | Units | Analysis Date |
|----------------------|---------|---------|----------|----------|--------|-------|----------------|
| 1,4-Difluorobenzene | 101 | | 102 | | 70-130 | % | 04.16.19 09:35 |
| 4-Bromofluorobenzene | 97 | | 102 | | 70-130 | % | 04.16.19 09:35 |

Analytical Method: BTEX by EPA 8021B

Seq Number: 3086132

Parent Sample Id: 620782-002

Matrix: Soil

MS Sample Id: 620782-002 S

Prep Method: SW5030B

Date Prep: 04.17.19

MSD Sample Id: 620782-002 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|--------------|---------------|--------------|-----------|---------|------------|----------|--------|------|-----------|-------|----------------|------|
| Benzene | <0.000384 | 0.0998 | 0.0658 | 66 | 0.0470 | 47 | 70-130 | 33 | 35 | mg/kg | 04.17.19 22:05 | X |
| Toluene | 0.00215 | 0.0998 | 0.0531 | 51 | 0.0364 | 34 | 70-130 | 37 | 35 | mg/kg | 04.17.19 22:05 | XF |
| Ethylbenzene | 0.00608 | 0.0998 | 0.0434 | 37 | 0.0311 | 25 | 70-130 | 33 | 35 | mg/kg | 04.17.19 22:05 | X |
| m,p-Xylenes | 0.0494 | 0.200 | 0.115 | 33 | 0.0956 | 23 | 70-130 | 18 | 35 | mg/kg | 04.17.19 22:05 | X |
| o-Xylene | 0.0409 | 0.0998 | 0.0732 | 32 | 0.0643 | 23 | 70-130 | 13 | 35 | mg/kg | 04.17.19 22:05 | X |

| Surrogate | MS %Rec | MS Flag | MSD %Rec | MSD Flag | Limits | Units | Analysis Date |
|----------------------|---------|---------|----------|----------|--------|-------|----------------|
| 1,4-Difluorobenzene | 104 | | 105 | | 70-130 | % | 04.17.19 22:05 |
| 4-Bromofluorobenzene | 126 | | 126 | | 70-130 | % | 04.17.19 22:05 |

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec

Page 121 of 225
Received by OCD: 12/11/2023 12:16:33 PM
Released to Imaging: 12/14/2023 2:50:20 PM



CHAIN OF CUSTODY RECORD

Houston: 4143 Greenbriar Dr. Stafford, TX 77477 (281)240-4200 Odessa: 12600 West I-20 East Odessa, TX 79765 (432)563-1800

Page 2 of 2
LAB W.O #: 020782
Field billable Hrs :

| * Container Type Codes | | | |
|---|----------------------|--|--|
| VA Vial Amber | ES Encore Sampler | | |
| VC Vial Clear | TS TerraCore Sampler | | |
| VP Vial Pre-preserved | AC Air Canister | | |
| GA Glass Amber | TB Tedlar Bag | | |
| GC Glass Clear | ZB Zip Lock Bag | | |
| PA Plastic Amber | PC Plastic Clear | | |
| PC Plastic Clear | | | |
| Other: _____ | | | |
| Size(s): 2oz, 4oz, 8oz, 16oz, 32oz, 1Gal, 40ml, 125 ml, 250 ml, 500 ml, 1L, Other | | | |

| | |
|---|---|
| Company: Trinity Oilfield Services & Rentals, LLC | Phone: (575)390-7208 |
| Address: P.O. Box 2587 | Fax: |
| City: Hobbs | State: NM Zip: 88241 |
| PM/Attn: Ben J. Arguijo | Email: wade.dittrich@oxy.com & ben@trinityoilfieldservices.com |
| Project ID: Mesa Verde BS Unit #8 | PO#: |
| Invoice To: Oxy - Wade Dittrich (575)390-2828 | Quote #: |
| Sampler Name: Daniel Rasler | Circle One Event: Daily Weekly Monthly Quarterly Semi-Annual Annual N/A |

TAT Work Days = D Need results by: _____ Time: _____
Std (5-7D) 5Hrs 1D 2D 3D 4D 5D 7D 10D 14D Other _____

| ANALYSES REQUESTED | | | | | | | | | | | |
|---------------------------|-----------|------|----------|--|--|--|--|--|--|--|--|
| Cont Type * VC | GC | GC | GC | | | | | | | | |
| Pres Type ** | I | I | I | | | | | | | | |
| Example Volatiles by 8260 | TPH 8015M | BTEX | Chloride | | | | | | | | |
| # Cont | Lab Only: | | | | | | | | | | |
| 1 | X | X | X | | | | | | | | |
| 2 | X | X | X | | | | | | | | |
| 3 | | | | | | | | | | | |
| 4 | | | | | | | | | | | |
| 5 | | | | | | | | | | | |
| 6 | | | | | | | | | | | |
| 7 | | | | | | | | | | | |
| 8 | | | | | | | | | | | |
| 9 | | | | | | | | | | | |
| 0 | | | | | | | | | | | |

| ** Preservative Type Codes | | |
|-----------------------------------|--|-------------------|
| A. None | E. HCL | I. Ice |
| B. HNO ₃ | F. MeOH | J. MCAA |
| C. H ₂ SO ₄ | G. Na ₂ S ₂ O ₃ | K. ZnAc&NaOH |
| D. NaOH | H. NaHSO ₄ | L. Asbc Acid&NaOH |
| O. _____ | | |

| ^ Matrix Type Codes | | |
|---------------------|-----------------------|--|
| GW Ground Water | S Soil/Sediment/Solid | |
| WW Waste Water | W Wipe | |
| DW Drinking Water | A Air | |
| SW Surface Water | O Oil | |
| OW Ocean/Sea Water | T Tissue | |
| PL Product-Liquid | U Urine | |
| PS Product-Solid | B Blood | |
| SL Sludge | | |
| Other: _____ | | |

REMARKS

| Reg. Program / Clean-up Std | | | | | STATE for Certs & Regs | | | | | QA/QC Level & Certification | | | | | EDDs | | | COC & Labels | | Coolers Temp °C | | | | | | | | | | |
|-----------------------------|---------------|----|-------|------|------------------------|---------|----|----|--------|-----------------------------|----------|----|----|-------|----------|--------|---|--------------|-------|-----------------|----------|------|--------|--------|-------------|-------|---|---|--|--|
| CTLs | TRRP | DW | NPDES | LPST | DryCln | FL | TX | GA | NC | SC | NJ | PA | OK | 1 | 2 | 3 | 4 | CLP | AFCEE | QAPP | ADaPT | SEDD | ERPIMS | Match | Incomplete | 1 | 2 | 3 | | |
| Other: | | | | | | LA | AL | NM | Other: | | | | | NELAC | DoD-ELAP | Other: | | | | | | XLS | Other: | Absent | Unclear | | | | | |
| Relinquished by | | | | | Affiliation | | | | | Date | | | | | Time | | | | | Received by | | | | | Affiliation | | | | | |
| 1 | Daniel Rasler | | | | | Trinity | | | | | 04/10/19 | | | | | 8:51 | | | | | J. Butte | | | | | MS | | | | |
| 2 | J. Butte | | | | | MS | | | | | 4/10/19 | | | | | 1000 | | | | | J. Butte | | | | | Xenco | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

B&A Laboratories: Hobbs 575-392-7550 Dallas 214-902-0300 Houston 281-242-4200 Odessa 432-563-1800 San Antonio 210-509-3334 Phoenix 602-437-0330 C.O.C. Serial #
FTS Service Centers: Atlanta 770-449-8800 Lakeland 863-646-8526 Tampa 803-543-8099 Philadelphia 610-955-5649 South Carolina 803-543-8099

Execution of this document by client creates a legal and binding agreement between client and Xenco for analytical and testing services provided by Xenco to client under Xenco's standard terms and conditions unless previously agreed in writing. Terms of payment are Net 30 days, and all past due amounts shall accrue interest at 1.5% per month until paid in full. All laboratory analytical data and reports generated by Xenco remain the exclusive property of Xenco until invoices for such data are paid in full. Revision Date: Nov 12, 2009





Prelogin/Nonconformance Report- Sample Log-In

Client: Trinity Oilfield Services & Rentals, LLC

Date/ Time Received: 04/11/2019 11:15:00 AM

Work Order #: 620782

Acceptable Temperature Range: 0 - 6 degC

Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : R8

Sample Receipt Checklist

Comments

| | |
|---|-----|
| #1 *Temperature of cooler(s)? | 1.9 |
| #2 *Shipping container in good condition? | Yes |
| #3 *Samples received on ice? | Yes |
| #4 *Custody Seals intact on shipping container/ cooler? | N/A |
| #5 Custody Seals intact on sample bottles? | N/A |
| #6 *Custody Seals Signed and dated? | N/A |
| #7 *Chain of Custody present? | Yes |
| #8 Any missing/extra samples? | No |
| #9 Chain of Custody signed when relinquished/ received? | Yes |
| #10 Chain of Custody agrees with sample labels/matrix? | Yes |
| #11 Container label(s) legible and intact? | Yes |
| #12 Samples in proper container/ bottle? | Yes |
| #13 Samples properly preserved? | Yes |
| #14 Sample container(s) intact? | Yes |
| #15 Sufficient sample amount for indicated test(s)? | Yes |
| #16 All samples received within hold time? | Yes |
| #17 Subcontract of sample(s)? | N/A |
| #18 Water VOC samples have zero headspace? | N/A |

* Must be completed for after-hours delivery of samples prior to placing in the refrigerator

Analyst:

PH Device/Lot#:

Checklist completed by:

Brianna Teel

Date: 04/11/2019

Checklist reviewed by:

Holly Taylor

Date: 04/12/2019



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

November 22, 2023

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: MESA VERDE BS UNIT #8

Enclosed are the results of analyses for samples received by the laboratory on 11/20/23 16:33.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 11/20/2023 | Sampling Date: | 11/15/2023 |
| Reported: | 11/22/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: DH-001-01.0-HS-S (H236324-01)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/21/2023 | ND | 1.98 | 98.9 | 2.00 | 0.340 | |
| Toluene* | <0.050 | 0.050 | 11/21/2023 | ND | 2.07 | 103 | 2.00 | 0.873 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/21/2023 | ND | 2.08 | 104 | 2.00 | 0.856 | |
| Total Xylenes* | <0.150 | 0.150 | 11/21/2023 | ND | 6.26 | 104 | 6.00 | 1.04 | |
| Total BTEX | <0.300 | 0.300 | 11/21/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 11/21/2023 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/21/2023 | ND | 198 | 99.1 | 200 | 1.23 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/21/2023 | ND | 217 | 109 | 200 | 2.52 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/21/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 11/20/2023 | Sampling Date: | 11/15/2023 |
| Reported: | 11/22/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: DH-002-01.0-HE-S (H236324-02)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/21/2023 | ND | 1.98 | 98.9 | 2.00 | 0.340 | |
| Toluene* | <0.050 | 0.050 | 11/21/2023 | ND | 2.07 | 103 | 2.00 | 0.873 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/21/2023 | ND | 2.08 | 104 | 2.00 | 0.856 | |
| Total Xylenes* | <0.150 | 0.150 | 11/21/2023 | ND | 6.26 | 104 | 6.00 | 1.04 | |
| Total BTEX | <0.300 | 0.300 | 11/21/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 192 | 16.0 | 11/21/2023 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/21/2023 | ND | 198 | 99.1 | 200 | 1.23 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/21/2023 | ND | 217 | 109 | 200 | 2.52 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/21/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 11/20/2023 | Sampling Date: | 11/15/2023 |
| Reported: | 11/22/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: DH-003-01.0-HN-S (H236324-03)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 11/21/2023 | ND | 1.98 | 98.9 | 2.00 | 0.340 | | |
| Toluene* | <0.050 | 0.050 | 11/21/2023 | ND | 2.07 | 103 | 2.00 | 0.873 | | |
| Ethylbenzene* | <0.050 | 0.050 | 11/21/2023 | ND | 2.08 | 104 | 2.00 | 0.856 | | |
| Total Xylenes* | <0.150 | 0.150 | 11/21/2023 | ND | 6.26 | 104 | 6.00 | 1.04 | | |
| Total BTEx | <0.300 | 0.300 | 11/21/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 128 | 16.0 | 11/21/2023 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/21/2023 | ND | 198 | 99.1 | 200 | 1.23 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/21/2023 | ND | 217 | 109 | 200 | 2.52 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/21/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 11/20/2023 | Sampling Date: | 11/15/2023 |
| Reported: | 11/22/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: DH-004-01.0-HW-S (H236324-04)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 11/21/2023 | ND | 1.98 | 98.9 | 2.00 | 0.340 | | |
| Toluene* | <0.050 | 0.050 | 11/21/2023 | ND | 2.07 | 103 | 2.00 | 0.873 | | |
| Ethylbenzene* | <0.050 | 0.050 | 11/21/2023 | ND | 2.08 | 104 | 2.00 | 0.856 | | |
| Total Xylenes* | <0.150 | 0.150 | 11/21/2023 | ND | 6.26 | 104 | 6.00 | 1.04 | | |
| Total BTEx | <0.300 | 0.300 | 11/21/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 576 | 16.0 | 11/21/2023 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/21/2023 | ND | 216 | 108 | 200 | 1.91 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/21/2023 | ND | 222 | 111 | 200 | 3.68 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/21/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 90.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

| | |
|-----|--|
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report |

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A handwritten signature in black ink, appearing to read "Mike Snyder", is written over a horizontal line.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

Page 7 of 7



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

April 05, 2023

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: MESA VERDE BS UNIT #8

Enclosed are the results of analyses for samples received by the laboratory on 03/31/23 12:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 03/31/2023 | Sampling Date: | 03/30/2023 |
| Reported: | 04/05/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-001-00.5-NA-S (H231494-01)

| BTEX 8021B | | mg/kg | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.09 | 105 | 2.00 | 8.43 | | |
| Toluene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.21 | 110 | 2.00 | 7.04 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.21 | 111 | 2.00 | 8.31 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/03/2023 | ND | 6.90 | 115 | 6.00 | 7.43 | | |
| Total BTEX | <0.300 | 0.300 | 04/03/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1090 | 16.0 | 04/03/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/03/2023 | ND | 195 | 97.3 | 200 | 5.16 | |
| DRO >C10-C28* | 61.5 | 10.0 | 04/03/2023 | ND | 214 | 107 | 200 | 7.46 | |
| EXT DRO >C28-C36 | 12.7 | 10.0 | 04/03/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 03/31/2023 | Sampling Date: | 03/30/2023 |
| Reported: | 04/05/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-002-00.5-NA-S (H231494-02)

| BTEx 8021B | | mg/kg | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.09 | 105 | 2.00 | 8.43 | | |
| Toluene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.21 | 110 | 2.00 | 7.04 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.21 | 111 | 2.00 | 8.31 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/03/2023 | ND | 6.90 | 115 | 6.00 | 7.43 | | |
| Total BTEX | <0.300 | 0.300 | 04/03/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 192 | 16.0 | 04/03/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 04/03/2023 | ND | 195 | 97.3 | 200 | 5.16 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/03/2023 | ND | 214 | 107 | 200 | 7.46 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/03/2023 | ND | | | | | | |

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 03/31/2023 | Sampling Date: | 03/30/2023 |
| Reported: | 04/05/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-003-00.5-NA-S (H231494-03)

| BTEx 8021B | | mg/kg | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.09 | 105 | 2.00 | 8.43 | | |
| Toluene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.21 | 110 | 2.00 | 7.04 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.21 | 111 | 2.00 | 8.31 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/03/2023 | ND | 6.90 | 115 | 6.00 | 7.43 | | |
| Total BTEX | <0.300 | 0.300 | 04/03/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 304 | 16.0 | 04/03/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/03/2023 | ND | 195 | 97.3 | 200 | 5.16 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/03/2023 | ND | 214 | 107 | 200 | 7.46 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/03/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 98.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 03/31/2023 | Sampling Date: | 03/30/2023 |
| Reported: | 04/05/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-004-00.5-NA-S (H231494-04)

| BTEx 8021B | | mg/kg | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.09 | 105 | 2.00 | 8.43 | | |
| Toluene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.21 | 110 | 2.00 | 7.04 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.21 | 111 | 2.00 | 8.31 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/03/2023 | ND | 6.90 | 115 | 6.00 | 7.43 | | |
| Total BTEX | <0.300 | 0.300 | 04/03/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 320 | 16.0 | 04/03/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/03/2023 | ND | 195 | 97.3 | 200 | 5.16 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/03/2023 | ND | 214 | 107 | 200 | 7.46 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/03/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 03/31/2023 | Sampling Date: | 03/30/2023 |
| Reported: | 04/05/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-005-00.3-NA-S (H231494-05)

| BTX 8021B | | mg/kg | | Analyzed By: JH/ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.09 | 105 | 2.00 | 8.43 | |
| Toluene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.21 | 110 | 2.00 | 7.04 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.21 | 111 | 2.00 | 8.31 | |
| Total Xylenes* | <0.150 | 0.150 | 04/03/2023 | ND | 6.90 | 115 | 6.00 | 7.43 | |
| Total BTX | <0.300 | 0.300 | 04/03/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 192 | 16.0 | 04/03/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/03/2023 | ND | 195 | 97.3 | 200 | 5.16 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/03/2023 | ND | 214 | 107 | 200 | 7.46 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/03/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 03/31/2023 | Sampling Date: | 03/30/2023 |
| Reported: | 04/05/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-006-00.3-NA-S (H231494-06)

| BTEx 8021B | | mg/kg | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.09 | 105 | 2.00 | 8.43 | | |
| Toluene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.21 | 110 | 2.00 | 7.04 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.21 | 111 | 2.00 | 8.31 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/03/2023 | ND | 6.90 | 115 | 6.00 | 7.43 | | |
| Total BTEX | <0.300 | 0.300 | 04/03/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 208 | 16.0 | 04/03/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/03/2023 | ND | 195 | 97.3 | 200 | 5.16 | |
| DRO >C10-C28* | 55.1 | 10.0 | 04/03/2023 | ND | 214 | 107 | 200 | 7.46 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/03/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 03/31/2023
 Reported: 04/05/2023
 Project Name: MESA VERDE BS UNIT #8
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 03/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-007-00.3-NA-S (H231494-07)

| BTX 8021B | | mg/kg | | Analyzed By: JH/ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.09 | 105 | 2.00 | 8.43 | |
| Toluene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.21 | 110 | 2.00 | 7.04 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.21 | 111 | 2.00 | 8.31 | |
| Total Xylenes* | <0.150 | 0.150 | 04/03/2023 | ND | 6.90 | 115 | 6.00 | 7.43 | |
| Total BTX | <0.300 | 0.300 | 04/03/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 240 | 16.0 | 04/03/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/03/2023 | ND | 195 | 97.3 | 200 | 5.16 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/03/2023 | ND | 214 | 107 | 200 | 7.46 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/03/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 98.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 03/31/2023 | Sampling Date: | 03/30/2023 |
| Reported: | 04/05/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-008-00.3-NA-S (H231494-08)

| BTEx 8021B | | mg/kg | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.09 | 105 | 2.00 | 8.43 | | |
| Toluene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.21 | 110 | 2.00 | 7.04 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.21 | 111 | 2.00 | 8.31 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/03/2023 | ND | 6.90 | 115 | 6.00 | 7.43 | | |
| Total BTEX | <0.300 | 0.300 | 04/03/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 640 | 16.0 | 04/03/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/03/2023 | ND | 195 | 97.3 | 200 | 5.16 | |
| DRO >C10-C28* | 16.3 | 10.0 | 04/03/2023 | ND | 214 | 107 | 200 | 7.46 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/03/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 03/31/2023 | Sampling Date: | 03/30/2023 |
| Reported: | 04/05/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-013-00.3-NA-S (H231494-09)

| BTEx 8021B | | mg/kg | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.09 | 105 | 2.00 | 8.43 | | |
| Toluene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.21 | 110 | 2.00 | 7.04 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.21 | 111 | 2.00 | 8.31 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/03/2023 | ND | 6.90 | 115 | 6.00 | 7.43 | | |
| Total BTEX | <0.300 | 0.300 | 04/03/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 192 | 16.0 | 04/03/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 04/03/2023 | ND | 195 | 97.3 | 200 | 5.16 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/03/2023 | ND | 214 | 107 | 200 | 7.46 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/03/2023 | ND | | | | | | |

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.3 % 49.1-148

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 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 03/31/2023 | Sampling Date: | 03/30/2023 |
| Reported: | 04/05/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-014-00.3-NA-S (H231494-10)

| BTEx 8021B | | mg/kg | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.09 | 105 | 2.00 | 8.43 | | |
| Toluene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.21 | 110 | 2.00 | 7.04 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.21 | 111 | 2.00 | 8.31 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/03/2023 | ND | 6.90 | 115 | 6.00 | 7.43 | | |
| Total BTEX | <0.300 | 0.300 | 04/03/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 160 | 16.0 | 04/03/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/03/2023 | ND | 192 | 96.0 | 200 | 5.55 | QM-07 |
| DRO >C10-C28* | 48.2 | 10.0 | 04/03/2023 | ND | 216 | 108 | 200 | 5.63 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/03/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 67.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.8 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 03/31/2023 | Sampling Date: | 03/30/2023 |
| Reported: | 04/05/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-015-00.3-NA-S (H231494-11)

| BTEx 8021B | | mg/kg | | Analyzed By: JH/ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.09 | 105 | 2.00 | 8.43 | |
| Toluene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.21 | 110 | 2.00 | 7.04 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.21 | 111 | 2.00 | 8.31 | |
| Total Xylenes* | <0.150 | 0.150 | 04/03/2023 | ND | 6.90 | 115 | 6.00 | 7.43 | |
| Total BTEx | <0.300 | 0.300 | 04/03/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 128 | 16.0 | 04/03/2023 | ND | 416 | 104 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/03/2023 | ND | 192 | 96.0 | 200 | 5.55 | |
| DRO >C10-C28* | 32.3 | 10.0 | 04/03/2023 | ND | 216 | 108 | 200 | 5.63 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/03/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 90.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.6 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 03/31/2023 | Sampling Date: | 03/30/2023 |
| Reported: | 04/05/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-016-00.3-NA-S (H231494-12)

| BTEx 8021B | | mg/kg | | Analyzed By: JH/ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.09 | 105 | 2.00 | 8.43 | |
| Toluene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.21 | 110 | 2.00 | 7.04 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.21 | 111 | 2.00 | 8.31 | |
| Total Xylenes* | <0.150 | 0.150 | 04/03/2023 | ND | 6.90 | 115 | 6.00 | 7.43 | |
| Total BTEx | <0.300 | 0.300 | 04/03/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 80.0 | 16.0 | 04/03/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/03/2023 | ND | 192 | 96.0 | 200 | 5.55 | |
| DRO >C10-C28* | 21.1 | 10.0 | 04/03/2023 | ND | 216 | 108 | 200 | 5.63 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/03/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 96.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.0 % 49.1-148

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 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 03/31/2023 | Sampling Date: | 03/30/2023 |
| Reported: | 04/05/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-017-00.3-NA-S (H231494-13)

| BTEx 8021B | | mg/kg | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.09 | 105 | 2.00 | 8.43 | | |
| Toluene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.21 | 110 | 2.00 | 7.04 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.21 | 111 | 2.00 | 8.31 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/03/2023 | ND | 6.90 | 115 | 6.00 | 7.43 | | |
| Total BTEX | <0.300 | 0.300 | 04/03/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 04/03/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 04/03/2023 | ND | 192 | 96.0 | 200 | 5.55 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/03/2023 | ND | 216 | 108 | 200 | 5.63 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/03/2023 | ND | | | | | | |

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 03/31/2023
 Reported: 04/05/2023
 Project Name: MESA VERDE BS UNIT #8
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 03/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-018-00.3-NA-S (H231494-14)

| BTEx 8021B | | mg/kg | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.09 | 105 | 2.00 | 8.43 | | |
| Toluene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.21 | 110 | 2.00 | 7.04 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.21 | 111 | 2.00 | 8.31 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/03/2023 | ND | 6.90 | 115 | 6.00 | 7.43 | | |
| Total BTEX | <0.300 | 0.300 | 04/03/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 288 | 16.0 | 04/03/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/03/2023 | ND | 192 | 96.0 | 200 | 5.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/03/2023 | ND | 216 | 108 | 200 | 5.63 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/03/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 86.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.4 % 49.1-148

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Analytical Results For:

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 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 03/31/2023 | Sampling Date: | 03/30/2023 |
| Reported: | 04/05/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-024-00.3-NA-S (H231494-15)

| BTX 8021B | | mg/kg | | Analyzed By: JH/ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.09 | 105 | 2.00 | 8.43 | |
| Toluene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.21 | 110 | 2.00 | 7.04 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.21 | 111 | 2.00 | 8.31 | |
| Total Xylenes* | <0.150 | 0.150 | 04/03/2023 | ND | 6.90 | 115 | 6.00 | 7.43 | |
| Total BTX | <0.300 | 0.300 | 04/03/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 240 | 16.0 | 04/03/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/03/2023 | ND | 192 | 96.0 | 200 | 5.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/03/2023 | ND | 216 | 108 | 200 | 5.63 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/03/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 83.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.2 % 49.1-148

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Analytical Results For:

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 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 03/31/2023 | Sampling Date: | 03/30/2023 |
| Reported: | 04/05/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-025-00.3-NA-S (H231494-16)

| BTEx 8021B | | mg/kg | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.09 | 105 | 2.00 | 8.43 | | |
| Toluene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.21 | 110 | 2.00 | 7.04 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.21 | 111 | 2.00 | 8.31 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/03/2023 | ND | 6.90 | 115 | 6.00 | 7.43 | | |
| Total BTEX | <0.300 | 0.300 | 04/03/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 160 | 16.0 | 04/03/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 04/03/2023 | ND | 192 | 96.0 | 200 | 5.55 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/03/2023 | ND | 216 | 108 | 200 | 5.63 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/03/2023 | ND | | | | | | |

Surrogate: 1-Chlorooctane 95.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.5 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 03/31/2023 | Sampling Date: | 03/30/2023 |
| Reported: | 04/05/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-026-00.3-NA-S (H231494-17)

| BTEx 8021B | | mg/kg | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.09 | 105 | 2.00 | 8.43 | | |
| Toluene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.21 | 110 | 2.00 | 7.04 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/03/2023 | ND | 2.21 | 111 | 2.00 | 8.31 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/03/2023 | ND | 6.90 | 115 | 6.00 | 7.43 | | |
| Total BTEX | <0.300 | 0.300 | 04/03/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 160 | 16.0 | 04/03/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/03/2023 | ND | 192 | 96.0 | 200 | 5.55 | |
| DRO >C10-C28* | 194 | 10.0 | 04/03/2023 | ND | 216 | 108 | 200 | 5.63 | |
| EXT DRO >C28-C36 | 65.3 | 10.0 | 04/03/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 90.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 03/31/2023
 Reported: 04/05/2023
 Project Name: MESA VERDE BS UNIT #8
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 03/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-027-00.3-NA-S (H231494-18)

| BTEx 8021B | | mg/kg | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/03/2023 | ND | 1.80 | 89.9 | 2.00 | 1.77 | | |
| Toluene* | <0.050 | 0.050 | 04/03/2023 | ND | 1.90 | 95.1 | 2.00 | 2.07 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/03/2023 | ND | 1.96 | 98.1 | 2.00 | 0.600 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/03/2023 | ND | 5.96 | 99.3 | 6.00 | 0.684 | | |
| Total BTEx | <0.300 | 0.300 | 04/03/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 80.0 | 16.0 | 04/03/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/03/2023 | ND | 192 | 96.0 | 200 | 5.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/03/2023 | ND | 216 | 108 | 200 | 5.63 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/03/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.9 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 03/31/2023 | Sampling Date: | 03/30/2023 |
| Reported: | 04/05/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-028-00.3-NA-S (H231494-19)

| BTEx 8021B | | mg/kg | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/03/2023 | ND | 1.80 | 89.9 | 2.00 | 1.77 | | |
| Toluene* | <0.050 | 0.050 | 04/03/2023 | ND | 1.90 | 95.1 | 2.00 | 2.07 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/03/2023 | ND | 1.96 | 98.1 | 2.00 | 0.600 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/03/2023 | ND | 5.96 | 99.3 | 6.00 | 0.684 | | |
| Total BTEX | <0.300 | 0.300 | 04/03/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 112 | 16.0 | 04/03/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/03/2023 | ND | 192 | 96.0 | 200 | 5.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/03/2023 | ND | 216 | 108 | 200 | 5.63 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/03/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 93.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.0 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 03/31/2023 | Sampling Date: | 03/30/2023 |
| Reported: | 04/05/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-030-00.3-NA-S (H231494-20)

| BTEX 8021B | | mg/kg | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/03/2023 | ND | 1.80 | 89.9 | 2.00 | 1.77 | | |
| Toluene* | <0.050 | 0.050 | 04/03/2023 | ND | 1.90 | 95.1 | 2.00 | 2.07 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/03/2023 | ND | 1.96 | 98.1 | 2.00 | 0.600 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/03/2023 | ND | 5.96 | 99.3 | 6.00 | 0.684 | | |
| Total BTEX | <0.300 | 0.300 | 04/03/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 208 | 16.0 | 04/03/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/03/2023 | ND | 192 | 96.0 | 200 | 5.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/03/2023 | ND | 216 | 108 | 200 | 5.63 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/03/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 86.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.6 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 03/31/2023
 Reported: 04/05/2023
 Project Name: MESA VERDE BS UNIT #8
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 03/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-031-00.3-NA-S (H231494-21)

| BTEx 8021B | | mg/kg | | Analyzed By: JH/ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/03/2023 | ND | 1.80 | 89.9 | 2.00 | 1.77 | |
| Toluene* | <0.050 | 0.050 | 04/03/2023 | ND | 1.90 | 95.1 | 2.00 | 2.07 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/03/2023 | ND | 1.96 | 98.1 | 2.00 | 0.600 | |
| Total Xylenes* | <0.150 | 0.150 | 04/03/2023 | ND | 5.96 | 99.3 | 6.00 | 0.684 | |
| Total BTEX | <0.300 | 0.300 | 04/03/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 176 | 16.0 | 04/03/2023 | ND | 416 | 104 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/03/2023 | ND | 192 | 96.0 | 200 | 5.55 | |
| DRO >C10-C28* | 48.1 | 10.0 | 04/03/2023 | ND | 216 | 108 | 200 | 5.63 | |
| EXT DRO >C28-C36 | 11.9 | 10.0 | 04/03/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.3 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 03/31/2023
 Reported: 04/05/2023
 Project Name: MESA VERDE BS UNIT #8
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 03/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-032-00.3-NA-S (H231494-22)

| BTX 8021B | | mg/kg | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/03/2023 | ND | 1.80 | 89.9 | 2.00 | 1.77 | | |
| Toluene* | <0.050 | 0.050 | 04/03/2023 | ND | 1.90 | 95.1 | 2.00 | 2.07 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/03/2023 | ND | 1.96 | 98.1 | 2.00 | 0.600 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/03/2023 | ND | 5.96 | 99.3 | 6.00 | 0.684 | | |
| Total BTX | <0.300 | 0.300 | 04/03/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 272 | 16.0 | 04/03/2023 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/03/2023 | ND | 192 | 96.0 | 200 | 5.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/03/2023 | ND | 216 | 108 | 200 | 5.63 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/03/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 84.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.8 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 03/31/2023 | Sampling Date: | 03/30/2023 |
| Reported: | 04/05/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-033-00.3-NA-S (H231494-23)

| BTX 8021B | | mg/kg | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/03/2023 | ND | 1.80 | 89.9 | 2.00 | 1.77 | | |
| Toluene* | <0.050 | 0.050 | 04/03/2023 | ND | 1.90 | 95.1 | 2.00 | 2.07 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/03/2023 | ND | 1.96 | 98.1 | 2.00 | 0.600 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/03/2023 | ND | 5.96 | 99.3 | 6.00 | 0.684 | | |
| Total BTX | <0.300 | 0.300 | 04/03/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 208 | 16.0 | 04/03/2023 | ND | 400 | 100 | 400 | 3.92 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/03/2023 | ND | 192 | 96.0 | 200 | 5.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/03/2023 | ND | 216 | 108 | 200 | 5.63 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/03/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 03/31/2023 | Sampling Date: | 03/30/2023 |
| Reported: | 04/05/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-034-00.3-NA-S (H231494-24)

| BTEx 8021B | | mg/kg | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/03/2023 | ND | 1.80 | 89.9 | 2.00 | 1.77 | | |
| Toluene* | <0.050 | 0.050 | 04/03/2023 | ND | 1.90 | 95.1 | 2.00 | 2.07 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/03/2023 | ND | 1.96 | 98.1 | 2.00 | 0.600 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/03/2023 | ND | 5.96 | 99.3 | 6.00 | 0.684 | | |
| Total BTEX | <0.300 | 0.300 | 04/03/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 240 | 16.0 | 04/03/2023 | ND | 400 | 100 | 400 | 3.92 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/03/2023 | ND | 192 | 96.0 | 200 | 5.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/03/2023 | ND | 216 | 108 | 200 | 5.63 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/03/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 87.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

| | |
|-------|--|
| QM-07 | The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report |

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

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Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

| | | | | | | |
|-------------------|--|---------------------------|---------------------------------|----------|----------|--------------|
| Company Name: | | Trinity Oilfield Services | | P.O. #: | | |
| Project Manager: | | Dan Dunkelberg | | Company: | | OXY USA Inc. |
| Address: | | 8426 N Dal Paso | | Attn: | | Wade Dittich |
| City: | | Hobbs | State: | NM | Zip: | 88241 |
| Phone #: | | | Fax #: | | Address: | |
| Project #: | | | Project Owner: (see below) | | City: | |
| Project Name: | | Mesa Verde BS Unit #8 | dan@trinityoilfieldservices.com | | State: | Zip: |
| Project Location: | | | Phone #: | | | |
| Sampler Name: | | GM | Fax #: | | | |

| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. # CONTAINERS | MATRIX | | | | | PRESERV. | SAMPLING | DATE | TIME | Chloride | TPH | BTEX | | | | | | |
|----------|------------------|-----------------------------------|-------------|------------|------|-----|--------|----------|--------------------------|-----------|------|----------|-----|------|--|--|--|--|--|--|
| | | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | ACID/BASE: ICE / COOL | | | | | | | | | | | |
| 11 | CF-015-00.3-NA-S | C 1 | X | | | | | | | 3/30/2023 | | X | X | X | | | | | | |
| 12 | CF-016-00.3-NA-S | C 1 | X | | | | | | | 3/30/2023 | | X | X | X | | | | | | |
| 13 | CF-017-00.3-NA-S | C 1 | X | | | | | | | 3/30/2023 | | X | X | X | | | | | | |
| 14 | CF-018-00.3-NA-S | C 1 | X | | | | | | | 3/30/2023 | | X | X | X | | | | | | |
| 15 | CF-024-00.3-NA-S | C 1 | X | | | | | | | 3/30/2023 | | X | X | X | | | | | | |
| 16 | CF-025-00.3-NA-S | C 1 | X | | | | | | | 3/30/2023 | | X | X | X | | | | | | |
| 17 | CF-026-00.3-NA-S | C 1 | X | | | | | | | 3/30/2023 | | X | X | X | | | | | | |
| 18 | CF-027-00.3-NA-S | C 1 | X | | | | | | | 3/30/2023 | | X | X | X | | | | | | |
| 19 | CF-028-00.3-NA-S | C 1 | X | | | | | | | 3/30/2023 | | X | X | X | | | | | | |
| 20 | CF-030-00.3-NA-S | C 1 | X | | | | | | | 3/30/2023 | | X | X | X | | | | | | |

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| | | | | | | |
|------------------|---------------|--------------|--|-----|----|----------------|
| Relinquished By: | Date: 3-31-23 | Received By: | Verbal Result: | Yes | No | Add'l Phone #: |
| Relinquished By: | Date: | Received By: | All Results are emailed. Please provide Email address: | | | |
| REMARKS: | | | | | | |

| | | | | | | |
|------------------------------|--------------------|------------------|------------------------|---------------------------|----------|----------------------------------|
| Delivered By: (Circle One) | Observed Temp. °C | Sample Condition | CHECKED BY: (Initials) | Turnaround Time: | Standard | Bacteria (only) Sample Condition |
| Sampler - UPS - Bus - Other: | Corrected Temp. °C | Cool Intact | | Thermometer ID #113 | Rush | Cool Intact |
| | | Yes No | | Correction Factor -0.5 °C | | Yes No |
| | | | | | | Observed Temp. °C |
| | | | | | | Corrected Temp. °C |

Page 29 of 29



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

April 06, 2023

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: MESA VERDE BS UNIT #8

Enclosed are the results of analyses for samples received by the laboratory on 04/03/23 16:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 04/03/2023 | Sampling Date: | 03/31/2023 |
| Reported: | 04/06/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-053-00.3-NA-S (H231523-01)

| BTX 8021B | | mg/L | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/04/2023 | ND | 1.95 | 97.3 | 2.00 | 3.90 | | |
| Toluene* | <0.050 | 0.050 | 04/04/2023 | ND | 1.99 | 99.4 | 2.00 | 6.52 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.11 | 105 | 2.00 | 10.4 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/04/2023 | ND | 6.40 | 107 | 6.00 | 11.8 | | |
| Total BTX | <0.300 | 0.300 | 04/04/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 90.8 % 77.5-125

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 384 | 16.0 | 04/04/2023 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | S-04 | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2023 | ND | 198 | 98.8 | 200 | 4.78 | |
| DRO >C10-C28* | 1940 | 10.0 | 04/04/2023 | ND | 197 | 98.3 | 200 | 3.18 | |
| EXT DRO >C28-C36 | 502 | 10.0 | 04/04/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 129 % 48.2-134

Surrogate: 1-Chlorooctadecane 199 % 49.1-148

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*=Accredited Analyte

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 04/03/2023 | Sampling Date: | 03/31/2023 |
| Reported: | 04/06/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-054-00.3-NA-S (H231523-02)

| BTX 8021B | | mg/L | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/04/2023 | ND | 1.95 | 97.3 | 2.00 | 3.90 | |
| Toluene* | <0.050 | 0.050 | 04/04/2023 | ND | 1.99 | 99.4 | 2.00 | 6.52 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.11 | 105 | 2.00 | 10.4 | |
| Total Xylenes* | <0.150 | 0.150 | 04/04/2023 | ND | 6.40 | 107 | 6.00 | 11.8 | |
| Total BTX | <0.300 | 0.300 | 04/04/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 77.5-125

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 464 | 16.0 | 04/04/2023 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | S-04 | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/05/2023 | ND | 198 | 98.8 | 200 | 4.78 | |
| DRO >C10-C28* | 103 | 10.0 | 04/05/2023 | ND | 197 | 98.3 | 200 | 3.18 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/05/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 139 % 48.2-134

Surrogate: 1-Chlorooctadecane 151 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 04/03/2023 | Sampling Date: | 03/31/2023 |
| Reported: | 04/06/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-055-00.3-NA-S (H231523-03)

| BTX 8021B | | mg/L | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/04/2023 | ND | 1.95 | 97.3 | 2.00 | 3.90 | | |
| Toluene* | <0.050 | 0.050 | 04/04/2023 | ND | 1.99 | 99.4 | 2.00 | 6.52 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.11 | 105 | 2.00 | 10.4 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/04/2023 | ND | 6.40 | 107 | 6.00 | 11.8 | | |
| Total BTX | <0.300 | 0.300 | 04/04/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 91.8 % 77.5-125

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1760 | 16.0 | 04/04/2023 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | S-04 | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2023 | ND | 198 | 98.8 | 200 | 4.78 | |
| DRO >C10-C28* | 1220 | 10.0 | 04/04/2023 | ND | 197 | 98.3 | 200 | 3.18 | |
| EXT DRO >C28-C36 | 43.3 | 10.0 | 04/04/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 138 % 48.2-134

Surrogate: 1-Chlorooctadecane 195 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 04/03/2023 | Sampling Date: | 03/31/2023 |
| Reported: | 04/06/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-056-00.3-NA-S (H231523-04)

| BTX 8021B | | mg/L | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/04/2023 | ND | 1.95 | 97.3 | 2.00 | 3.90 | |
| Toluene* | <0.050 | 0.050 | 04/04/2023 | ND | 1.99 | 99.4 | 2.00 | 6.52 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.11 | 105 | 2.00 | 10.4 | |
| Total Xylenes* | <0.150 | 0.150 | 04/04/2023 | ND | 6.40 | 107 | 6.00 | 11.8 | |
| Total BTX | <0.300 | 0.300 | 04/04/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 90.8 % 77.5-125

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1220 | 16.0 | 04/04/2023 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | S-04 | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2023 | ND | 198 | 98.8 | 200 | 4.78 | |
| DRO >C10-C28* | 2390 | 10.0 | 04/04/2023 | ND | 197 | 98.3 | 200 | 3.18 | |
| EXT DRO >C28-C36 | 116 | 10.0 | 04/04/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 144 % 48.2-134

Surrogate: 1-Chlorooctadecane 278 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 04/03/2023 | Sampling Date: | 03/31/2023 |
| Reported: | 04/06/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-009-00.3-NA-S (H231523-05)

| BTX 8021B | | mg/L | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/04/2023 | ND | 1.95 | 97.3 | 2.00 | 3.90 | | |
| Toluene* | <0.050 | 0.050 | 04/04/2023 | ND | 1.99 | 99.4 | 2.00 | 6.52 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.11 | 105 | 2.00 | 10.4 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/04/2023 | ND | 6.40 | 107 | 6.00 | 11.8 | | |
| Total BTX | <0.300 | 0.300 | 04/04/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 87.9 % 77.5-125

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 864 | 16.0 | 04/04/2023 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2023 | ND | 198 | 98.8 | 200 | 4.78 | |
| DRO >C10-C28* | 254 | 10.0 | 04/04/2023 | ND | 197 | 98.3 | 200 | 3.18 | |
| EXT DRO >C28-C36 | 116 | 10.0 | 04/04/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 129 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 04/03/2023 | Sampling Date: | 03/31/2023 |
| Reported: | 04/06/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-010-00.3-NA-S (H231523-06)

| BTX 8021B | | mg/L | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/04/2023 | ND | 1.95 | 97.3 | 2.00 | 3.90 | | |
| Toluene* | <0.050 | 0.050 | 04/04/2023 | ND | 1.99 | 99.4 | 2.00 | 6.52 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.11 | 105 | 2.00 | 10.4 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/04/2023 | ND | 6.40 | 107 | 6.00 | 11.8 | | |
| Total BTX | <0.300 | 0.300 | 04/04/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 77.5-125

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 480 | 16.0 | 04/04/2023 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2023 | ND | 174 | 86.8 | 200 | 6.37 | |
| DRO >C10-C28* | 244 | 10.0 | 04/04/2023 | ND | 206 | 103 | 200 | 3.49 | |
| EXT DRO >C28-C36 | 144 | 10.0 | 04/04/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 142 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 04/03/2023 | Sampling Date: | 03/31/2023 |
| Reported: | 04/06/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-011-00.3-NA-S (H231523-07)

| BTX 8021B | | mg/L | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.04 | 102 | 2.00 | 2.92 | | |
| Toluene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.10 | 105 | 2.00 | 4.38 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.06 | 103 | 2.00 | 4.08 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/04/2023 | ND | 6.41 | 107 | 6.00 | 4.05 | | |
| Total BTX | <0.300 | 0.300 | 04/04/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 77.5-125

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 272 | 16.0 | 04/04/2023 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2023 | ND | 174 | 86.8 | 200 | 6.37 | |
| DRO >C10-C28* | 44.1 | 10.0 | 04/04/2023 | ND | 206 | 103 | 200 | 3.49 | |
| EXT DRO >C28-C36 | 22.1 | 10.0 | 04/04/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 129 % 48.2-134

Surrogate: 1-Chlorooctadecane 146 % 49.1-148

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Analytical Results For:

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 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 04/03/2023 | Sampling Date: | 03/31/2023 |
| Reported: | 04/06/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-012-00.3-NA-S (H231523-08)

| BTX 8021B | | mg/L | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.04 | 102 | 2.00 | 2.92 | | |
| Toluene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.10 | 105 | 2.00 | 4.38 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.06 | 103 | 2.00 | 4.08 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/04/2023 | ND | 6.41 | 107 | 6.00 | 4.05 | | |
| Total BTX | <0.300 | 0.300 | 04/04/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 77.5-125

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 496 | 16.0 | 04/04/2023 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2023 | ND | 174 | 86.8 | 200 | 6.37 | |
| DRO >C10-C28* | 28.7 | 10.0 | 04/04/2023 | ND | 206 | 103 | 200 | 3.49 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/04/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 04/03/2023 | Sampling Date: | 03/31/2023 |
| Reported: | 04/06/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-019-00.3-NA-S (H231523-09)

| BTX 8021B | | mg/L | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.04 | 102 | 2.00 | 2.92 | | |
| Toluene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.10 | 105 | 2.00 | 4.38 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.06 | 103 | 2.00 | 4.08 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/04/2023 | ND | 6.41 | 107 | 6.00 | 4.05 | | |
| Total BTX | <0.300 | 0.300 | 04/04/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 77.5-125

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1010 | 16.0 | 04/04/2023 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2023 | ND | 174 | 86.8 | 200 | 6.37 | |
| DRO >C10-C28* | 29.4 | 10.0 | 04/04/2023 | ND | 206 | 103 | 200 | 3.49 | |
| EXT DRO >C28-C36 | 12.3 | 10.0 | 04/04/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 04/03/2023 | Sampling Date: | 03/31/2023 |
| Reported: | 04/06/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-020-00.3-NA-S (H231523-10)

| BTX 8021B | | mg/L | | Analyzed By: JH/ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.04 | 102 | 2.00 | 2.92 | |
| Toluene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.10 | 105 | 2.00 | 4.38 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.06 | 103 | 2.00 | 4.08 | |
| Total Xylenes* | <0.150 | 0.150 | 04/04/2023 | ND | 6.41 | 107 | 6.00 | 4.05 | |
| Total BTX | <0.300 | 0.300 | 04/04/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 77.5-125

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 6960 | 16.0 | 04/04/2023 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2023 | ND | 174 | 86.8 | 200 | 6.37 | |
| DRO >C10-C28* | 75.1 | 10.0 | 04/04/2023 | ND | 206 | 103 | 200 | 3.49 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/04/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 98.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Analytical Results For:

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 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 04/03/2023 | Sampling Date: | 03/31/2023 |
| Reported: | 04/06/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-021-00.3-NA-S (H231523-11)

| BTX 8021B | | mg/L | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.04 | 102 | 2.00 | 2.92 | | |
| Toluene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.10 | 105 | 2.00 | 4.38 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.06 | 103 | 2.00 | 4.08 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/04/2023 | ND | 6.41 | 107 | 6.00 | 4.05 | | |
| Total BTX | <0.300 | 0.300 | 04/04/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 77.5-125

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 4960 | 16.0 | 04/04/2023 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | S-04 | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2023 | ND | 174 | 86.8 | 200 | 6.37 | | |
| DRO >C10-C28* | 123 | 10.0 | 04/04/2023 | ND | 206 | 103 | 200 | 3.49 | | |
| EXT DRO >C28-C36 | 17.7 | 10.0 | 04/04/2023 | ND | | | | | | |

Surrogate: 1-Chlorooctane 136 % 48.2-134

Surrogate: 1-Chlorooctadecane 161 % 49.1-148

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Analytical Results For:

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 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 04/03/2023 | Sampling Date: | 03/31/2023 |
| Reported: | 04/06/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-022-00.3-NA-S (H231523-12)

| BTEx 8021B | | mg/L | | Analyzed By: JH/ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.04 | 102 | 2.00 | 2.92 | |
| Toluene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.10 | 105 | 2.00 | 4.38 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.06 | 103 | 2.00 | 4.08 | |
| Total Xylenes* | <0.150 | 0.150 | 04/04/2023 | ND | 6.41 | 107 | 6.00 | 4.05 | |
| Total BTEX | <0.300 | 0.300 | 04/04/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 77.5-125

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1200 | 16.0 | 04/04/2023 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2023 | ND | 174 | 86.8 | 200 | 6.37 | |
| DRO >C10-C28* | 25.3 | 10.0 | 04/04/2023 | ND | 206 | 103 | 200 | 3.49 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/04/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 04/03/2023 | Sampling Date: | 03/31/2023 |
| Reported: | 04/06/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-023-00.3-NA-S (H231523-13)

| BTX 8021B | | mg/L | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.04 | 102 | 2.00 | 2.92 | | |
| Toluene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.10 | 105 | 2.00 | 4.38 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.06 | 103 | 2.00 | 4.08 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/04/2023 | ND | 6.41 | 107 | 6.00 | 4.05 | | |
| Total BTX | <0.300 | 0.300 | 04/04/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 77.5-125

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 208 | 16.0 | 04/04/2023 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2023 | ND | 174 | 86.8 | 200 | 6.37 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/04/2023 | ND | 206 | 103 | 200 | 3.49 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/04/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 04/03/2023 | Sampling Date: | 03/31/2023 |
| Reported: | 04/06/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-029-00.3-NA-S (H231523-14)

| BTX 8021B | | mg/L | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.04 | 102 | 2.00 | 2.92 | | |
| Toluene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.10 | 105 | 2.00 | 4.38 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.06 | 103 | 2.00 | 4.08 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/04/2023 | ND | 6.41 | 107 | 6.00 | 4.05 | | |
| Total BTX | <0.300 | 0.300 | 04/04/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 77.5-125

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 192 | 16.0 | 04/04/2023 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2023 | ND | 174 | 86.8 | 200 | 6.37 | |
| DRO >C10-C28* | 26.1 | 10.0 | 04/04/2023 | ND | 206 | 103 | 200 | 3.49 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/04/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 04/03/2023 | Sampling Date: | 03/31/2023 |
| Reported: | 04/06/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-035-00.3-NA-S (H231523-15)

| BTX 8021B | | mg/L | | Analyzed By: JH/ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.04 | 102 | 2.00 | 2.92 | |
| Toluene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.10 | 105 | 2.00 | 4.38 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.06 | 103 | 2.00 | 4.08 | |
| Total Xylenes* | <0.150 | 0.150 | 04/04/2023 | ND | 6.41 | 107 | 6.00 | 4.05 | |
| Total BTX | <0.300 | 0.300 | 04/04/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 77.5-125

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 160 | 16.0 | 04/04/2023 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2023 | ND | 174 | 86.8 | 200 | 6.37 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/04/2023 | ND | 206 | 103 | 200 | 3.49 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/04/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 04/03/2023 | Sampling Date: | 03/31/2023 |
| Reported: | 04/06/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-036-00.3-NA-S (H231523-16)

| BTX 8021B | | mg/L | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.04 | 102 | 2.00 | 2.92 | | |
| Toluene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.10 | 105 | 2.00 | 4.38 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.06 | 103 | 2.00 | 4.08 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/04/2023 | ND | 6.41 | 107 | 6.00 | 4.05 | | |
| Total BTX | <0.300 | 0.300 | 04/04/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 77.5-125

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 400 | 16.0 | 04/04/2023 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2023 | ND | 174 | 86.8 | 200 | 6.37 | |
| DRO >C10-C28* | 17.5 | 10.0 | 04/04/2023 | ND | 206 | 103 | 200 | 3.49 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/04/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 127 % 48.2-134

Surrogate: 1-Chlorooctadecane 142 % 49.1-148

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 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 04/03/2023 | Sampling Date: | 03/31/2023 |
| Reported: | 04/06/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-037-00.3-NA-S (H231523-17)

| BTX 8021B | | mg/L | | Analyzed By: JH/ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.04 | 102 | 2.00 | 2.92 | |
| Toluene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.10 | 105 | 2.00 | 4.38 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.06 | 103 | 2.00 | 4.08 | |
| Total Xylenes* | <0.150 | 0.150 | 04/04/2023 | ND | 6.41 | 107 | 6.00 | 4.05 | |
| Total BTX | <0.300 | 0.300 | 04/04/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 77.5-125

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 640 | 16.0 | 04/04/2023 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | S-04 | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2023 | ND | 174 | 86.8 | 200 | 6.37 | |
| DRO >C10-C28* | 124 | 10.0 | 04/04/2023 | ND | 206 | 103 | 200 | 3.49 | |
| EXT DRO >C28-C36 | 57.8 | 10.0 | 04/04/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 132 % 48.2-134

Surrogate: 1-Chlorooctadecane 154 % 49.1-148

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Analytical Results For:

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 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 04/03/2023 | Sampling Date: | 03/31/2023 |
| Reported: | 04/06/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-038-00.3-NA-S (H231523-18)

| BTX 8021B | | mg/L | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.04 | 102 | 2.00 | 2.92 | | |
| Toluene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.10 | 105 | 2.00 | 4.38 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.06 | 103 | 2.00 | 4.08 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/04/2023 | ND | 6.41 | 107 | 6.00 | 4.05 | | |
| Total BTX | <0.300 | 0.300 | 04/04/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 77.5-125

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 4240 | 16.0 | 04/04/2023 | ND | 416 | 104 | 400 | 3.77 | QM-07 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2023 | ND | 174 | 86.8 | 200 | 6.37 | |
| DRO >C10-C28* | 62.6 | 10.0 | 04/04/2023 | ND | 206 | 103 | 200 | 3.49 | |
| EXT DRO >C28-C36 | 19.8 | 10.0 | 04/04/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 136 % 49.1-148

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Analytical Results For:

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 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 04/03/2023 | Sampling Date: | 03/31/2023 |
| Reported: | 04/06/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-039-00.3-NA-S (H231523-19)

| BTX 8021B | | mg/L | | Analyzed By: JH/ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.04 | 102 | 2.00 | 2.92 | |
| Toluene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.10 | 105 | 2.00 | 4.38 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.06 | 103 | 2.00 | 4.08 | |
| Total Xylenes* | <0.150 | 0.150 | 04/04/2023 | ND | 6.41 | 107 | 6.00 | 4.05 | |
| Total BTX | <0.300 | 0.300 | 04/04/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 77.5-125

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 5440 | 16.0 | 04/04/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2023 | ND | 174 | 86.8 | 200 | 6.37 | |
| DRO >C10-C28* | 84.4 | 10.0 | 04/04/2023 | ND | 206 | 103 | 200 | 3.49 | |
| EXT DRO >C28-C36 | 13.0 | 10.0 | 04/04/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 126 % 48.2-134

Surrogate: 1-Chlorooctadecane 144 % 49.1-148

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 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 04/03/2023 | Sampling Date: | 03/31/2023 |
| Reported: | 04/06/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-040-00.3-NA-S (H231523-20)

| BTX 8021B | | mg/L | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.04 | 102 | 2.00 | 2.92 | | |
| Toluene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.10 | 105 | 2.00 | 4.38 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.06 | 103 | 2.00 | 4.08 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/04/2023 | ND | 6.41 | 107 | 6.00 | 4.05 | | |
| Total BTX | <0.300 | 0.300 | 04/04/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 77.5-125

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 2200 | 16.0 | 04/04/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | S-04 | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2023 | ND | 174 | 86.8 | 200 | 6.37 | |
| DRO >C10-C28* | 282 | 10.0 | 04/04/2023 | ND | 206 | 103 | 200 | 3.49 | |
| EXT DRO >C28-C36 | 39.9 | 10.0 | 04/04/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 154 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 04/03/2023 | Sampling Date: | 03/31/2023 |
| Reported: | 04/06/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-041-00.3-NA-S (H231523-21)

| BTX 8021B | | mg/L | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.04 | 102 | 2.00 | 2.92 | | |
| Toluene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.10 | 105 | 2.00 | 4.38 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.06 | 103 | 2.00 | 4.08 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/04/2023 | ND | 6.41 | 107 | 6.00 | 4.05 | | |
| Total BTX | <0.300 | 0.300 | 04/04/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 77.5-125

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 880 | 16.0 | 04/04/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | mg/kg | | Analyzed By: MS | | | | | S-04 | |
|------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2023 | ND | 174 | 86.8 | 200 | 6.37 | |
| DRO >C10-C28* | 655 | 10.0 | 04/04/2023 | ND | 206 | 103 | 200 | 3.49 | |
| EXT DRO >C28-C36 | 176 | 10.0 | 04/04/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 127 % 48.2-134

Surrogate: 1-Chlorooctadecane 181 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 04/03/2023 | Sampling Date: | 03/31/2023 |
| Reported: | 04/06/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-042-00.3-NA-S (H231523-22)

| BTX 8021B | | mg/L | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.04 | 102 | 2.00 | 2.92 | | |
| Toluene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.10 | 105 | 2.00 | 4.38 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.06 | 103 | 2.00 | 4.08 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/04/2023 | ND | 6.41 | 107 | 6.00 | 4.05 | | |
| Total BTX | <0.300 | 0.300 | 04/04/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 77.5-125

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 2240 | 16.0 | 04/04/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | S-04 | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2023 | ND | 174 | 86.8 | 200 | 6.37 | | |
| DRO >C10-C28* | 282 | 10.0 | 04/04/2023 | ND | 206 | 103 | 200 | 3.49 | | |
| EXT DRO >C28-C36 | 49.4 | 10.0 | 04/04/2023 | ND | | | | | | |

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 152 % 49.1-148

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 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 04/03/2023 | Sampling Date: | 03/31/2023 |
| Reported: | 04/06/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-043-00.3-NA-S (H231523-23)

| BTX 8021B | | mg/L | | Analyzed By: JH/ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.04 | 102 | 2.00 | 2.92 | |
| Toluene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.10 | 105 | 2.00 | 4.38 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.06 | 103 | 2.00 | 4.08 | |
| Total Xylenes* | <0.150 | 0.150 | 04/04/2023 | ND | 6.41 | 107 | 6.00 | 4.05 | |
| Total BTX | <0.300 | 0.300 | 04/04/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 77.5-125

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1060 | 16.0 | 04/04/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2023 | ND | 174 | 86.8 | 200 | 6.37 | |
| DRO >C10-C28* | 246 | 10.0 | 04/04/2023 | ND | 206 | 103 | 200 | 3.49 | |
| EXT DRO >C28-C36 | 93.7 | 10.0 | 04/04/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 142 % 49.1-148

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 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 04/03/2023 | Sampling Date: | 03/31/2023 |
| Reported: | 04/06/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-044-00.3-NA-S (H231523-24)

| BTX 8021B | | mg/L | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.04 | 102 | 2.00 | 2.92 | | |
| Toluene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.10 | 105 | 2.00 | 4.38 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.06 | 103 | 2.00 | 4.08 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/04/2023 | ND | 6.41 | 107 | 6.00 | 4.05 | | |
| Total BTX | <0.300 | 0.300 | 04/04/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 77.5-125

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 608 | 16.0 | 04/04/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | mg/kg | | Analyzed By: MS | | | | | S-04 | |
|------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2023 | ND | 174 | 86.8 | 200 | 6.37 | |
| DRO >C10-C28* | 1380 | 10.0 | 04/04/2023 | ND | 206 | 103 | 200 | 3.49 | |
| EXT DRO >C28-C36 | 498 | 10.0 | 04/04/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 186 % 49.1-148

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 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 04/03/2023 | Sampling Date: | 03/31/2023 |
| Reported: | 04/06/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-045-00.3-NA-S (H231523-25)

| BTX 8021B | | mg/L | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.04 | 102 | 2.00 | 2.92 | | |
| Toluene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.10 | 105 | 2.00 | 4.38 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.06 | 103 | 2.00 | 4.08 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/04/2023 | ND | 6.41 | 107 | 6.00 | 4.05 | | |
| Total BTX | <0.300 | 0.300 | 04/04/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 77.5-125

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 320 | 16.0 | 04/04/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | S-04 | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2023 | ND | 174 | 86.8 | 200 | 6.37 | |
| DRO >C10-C28* | 1470 | 10.0 | 04/04/2023 | ND | 206 | 103 | 200 | 3.49 | |
| EXT DRO >C28-C36 | 453 | 10.0 | 04/04/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 196 % 49.1-148

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 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 04/03/2023 | Sampling Date: | 03/31/2023 |
| Reported: | 04/06/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-046-00.3-NA-S (H231523-26)

| BTX 8021B | | mg/L | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.04 | 102 | 2.00 | 2.92 | | |
| Toluene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.10 | 105 | 2.00 | 4.38 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.06 | 103 | 2.00 | 4.08 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/04/2023 | ND | 6.41 | 107 | 6.00 | 4.05 | | |
| Total BTX | <0.300 | 0.300 | 04/04/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 77.5-125

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 320 | 16.0 | 04/04/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2023 | ND | 201 | 101 | 200 | 1.10 | |
| DRO >C10-C28* | 488 | 10.0 | 04/04/2023 | ND | 187 | 93.4 | 200 | 4.17 | QM-07 |
| EXT DRO >C28-C36 | 179 | 10.0 | 04/04/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 143 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/03/2023
 Reported: 04/06/2023
 Project Name: MESA VERDE BS UNIT #8
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 03/31/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-047-00.3-NA-S (H231523-27)

| BTEx 8021B | | mg/L | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.06 | 103 | 2.00 | 5.81 | | |
| Toluene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.11 | 106 | 2.00 | 4.16 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.09 | 105 | 2.00 | 4.73 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/04/2023 | ND | 6.30 | 105 | 6.00 | 5.30 | | |
| Total BTEX | <0.300 | 0.300 | 04/04/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 77.5-125

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 160 | 16.0 | 04/04/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | S-04 | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2023 | ND | 201 | 101 | 200 | 1.10 | |
| DRO >C10-C28* | 1530 | 10.0 | 04/04/2023 | ND | 187 | 93.4 | 200 | 4.17 | |
| EXT DRO >C28-C36 | 544 | 10.0 | 04/04/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 170 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 04/03/2023 | Sampling Date: | 03/31/2023 |
| Reported: | 04/06/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-048-00.3-NA-S (H231523-28)

| BTX 8021B | | mg/L | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.06 | 103 | 2.00 | 5.81 | | |
| Toluene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.11 | 106 | 2.00 | 4.16 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.09 | 105 | 2.00 | 4.73 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/04/2023 | ND | 6.30 | 105 | 6.00 | 5.30 | | |
| Total BTX | <0.300 | 0.300 | 04/04/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 77.5-125

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 240 | 16.0 | 04/04/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | S-04 | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2023 | ND | 201 | 101 | 200 | 1.10 | |
| DRO >C10-C28* | 1240 | 10.0 | 04/04/2023 | ND | 187 | 93.4 | 200 | 4.17 | |
| EXT DRO >C28-C36 | 336 | 10.0 | 04/04/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 171 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 04/03/2023 | Sampling Date: | 03/31/2023 |
| Reported: | 04/06/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-049-00.3-NA-S (H231523-29)

| BTX 8021B | | mg/L | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.06 | 103 | 2.00 | 5.81 | | |
| Toluene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.11 | 106 | 2.00 | 4.16 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.09 | 105 | 2.00 | 4.73 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/04/2023 | ND | 6.30 | 105 | 6.00 | 5.30 | | |
| Total BTX | <0.300 | 0.300 | 04/04/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 77.5-125

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 336 | 16.0 | 04/04/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | S-04 | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2023 | ND | 201 | 101 | 200 | 1.10 | |
| DRO >C10-C28* | 954 | 10.0 | 04/04/2023 | ND | 187 | 93.4 | 200 | 4.17 | |
| EXT DRO >C28-C36 | 415 | 10.0 | 04/04/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 156 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 04/03/2023 | Sampling Date: | 03/31/2023 |
| Reported: | 04/06/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-050-00.3-NA-S (H231523-30)

| BTX 8021B | | mg/L | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.06 | 103 | 2.00 | 5.81 | | |
| Toluene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.11 | 106 | 2.00 | 4.16 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.09 | 105 | 2.00 | 4.73 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/04/2023 | ND | 6.30 | 105 | 6.00 | 5.30 | | |
| Total BTX | <0.300 | 0.300 | 04/04/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 77.5-125

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 384 | 16.0 | 04/04/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | mg/kg | | Analyzed By: MS | | | | | S-04 | |
|------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2023 | ND | 201 | 101 | 200 | 1.10 | |
| DRO >C10-C28* | 771 | 10.0 | 04/04/2023 | ND | 187 | 93.4 | 200 | 4.17 | |
| EXT DRO >C28-C36 | 280 | 10.0 | 04/04/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 151 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 04/03/2023 | Sampling Date: | 03/31/2023 |
| Reported: | 04/06/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-051-00.3-NA-S (H231523-31)

| BTEx 8021B | | mg/L | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.06 | 103 | 2.00 | 5.81 | | |
| Toluene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.11 | 106 | 2.00 | 4.16 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.09 | 105 | 2.00 | 4.73 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/04/2023 | ND | 6.30 | 105 | 6.00 | 5.30 | | |
| Total BTEX | <0.300 | 0.300 | 04/04/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 77.5-125

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 384 | 16.0 | 04/04/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | S-04 | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2023 | ND | 201 | 101 | 200 | 1.10 | |
| DRO >C10-C28* | 1050 | 10.0 | 04/04/2023 | ND | 187 | 93.4 | 200 | 4.17 | |
| EXT DRO >C28-C36 | 370 | 10.0 | 04/04/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 171 % 49.1-148

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Analytical Results For:

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 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 04/03/2023 | Sampling Date: | 03/31/2023 |
| Reported: | 04/06/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-052-00.3-NA-S (H231523-32)

| BTX 8021B | | mg/L | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.06 | 103 | 2.00 | 5.81 | | |
| Toluene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.11 | 106 | 2.00 | 4.16 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/04/2023 | ND | 2.09 | 105 | 2.00 | 4.73 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/04/2023 | ND | 6.30 | 105 | 6.00 | 5.30 | | |
| Total BTX | <0.300 | 0.300 | 04/04/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 77.5-125

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 400 | 16.0 | 04/04/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | S-04 | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/04/2023 | ND | 201 | 101 | 200 | 1.10 | |
| DRO >C10-C28* | 1530 | 10.0 | 04/04/2023 | ND | 187 | 93.4 | 200 | 4.17 | |
| EXT DRO >C28-C36 | 440 | 10.0 | 04/04/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 179 % 49.1-148

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Notes and Definitions

| | |
|-------|--|
| S-04 | The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. |
| QR-04 | The RPD for the BS/BSD was outside of historical limits. |
| QM-07 | The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C |
| | Samples reported on an as received basis (wet) unless otherwise noted on report |

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Page 35 of 38

| | | | | | |
|--|--|--|--|--|--|
| CARDINAL Laboratories | | 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 | | CHAIN-OF-CUSTODY AND ANALYSIS REQUEST | |
| Company Name: Trinity Oilfield Services | | | | BILL TO | |
| Project Manager: Dan Dunkelberg | | | | P.O. #: | |
| Address: 8426 N Dal Paso | | | | Company: OXY USA Inc. | |
| City: Hobbs | | | | Attn: Wade Dittich | |
| State: NM Zip: 88241 | | | | Address: | |
| Phone #: | | | | City: | |
| Project #: | | | | State: | |
| Project Name: Mesa Verde BS Unit #8 | | | | Zip: | |
| Project Location: | | | | Phone #: | |
| Sampler Name: GM | | | | Fax #: | |
| FOR LAB USE ONLY | | | | SAMPLING | |
| Lab I.D. | | Sample I.D. | | DATE | |
| H23/523 | | 21 | | 3/31/2023 | |
| CF-041-00.3-NA-S | | C 1 | | X | |
| CF-042-00.3-NA-S | | C 1 | | X | |
| CF-043-00.3-NA-S | | C 1 | | X | |
| CF-044-00.3-NA-S | | C 1 | | X | |
| CF-045-00.3-NA-S | | C 1 | | X | |
| CF-046-00.3-NA-S | | C 1 | | X | |
| CF-047-00.3-NA-S | | C 1 | | X | |
| CF-048-00.3-NA-S | | C 1 | | X | |
| CF-049-00.3-NA-S | | C 1 | | X | |
| CF-050-00.3-NA-S | | C 1 | | X | |
| 30 | | 3/31/2023 | | X | |
| 31 | | 3/31/2023 | | X | |
| 32 | | 3/31/2023 | | X | |
| 33 | | 3/31/2023 | | X | |
| 34 | | 3/31/2023 | | X | |
| 35 | | 3/31/2023 | | X | |
| 36 | | 3/31/2023 | | X | |
| 37 | | 3/31/2023 | | X | |
| 38 | | 3/31/2023 | | X | |
| 39 | | 3/31/2023 | | X | |
| 40 | | 3/31/2023 | | X | |
| 41 | | 3/31/2023 | | X | |
| 42 | | 3/31/2023 | | X | |
| 43 | | 3/31/2023 | | X | |
| 44 | | 3/31/2023 | | X | |
| 45 | | 3/31/2023 | | X | |
| 46 | | 3/31/2023 | | X | |
| 47 | | 3/31/2023 | | X | |
| 48 | | 3/31/2023 | | X | |
| 49 | | 3/31/2023 | | X | |
| 50 | | 3/31/2023 | | X | |
| 51 | | 3/31/2023 | | X | |
| 52 | | 3/31/2023 | | X | |
| 53 | | 3/31/2023 | | X | |
| 54 | | 3/31/2023 | | X | |
| 55 | | 3/31/2023 | | X | |
| 56 | | 3/31/2023 | | X | |
| 57 | | 3/31/2023 | | X | |
| 58 | | 3/31/2023 | | X | |
| 59 | | 3/31/2023 | | X | |
| 60 | | 3/31/2023 | | X | |
| 61 | | 3/31/2023 | | X | |
| 62 | | 3/31/2023 | | X | |
| 63 | | 3/31/2023 | | X | |
| 64 | | 3/31/2023 | | X | |
| 65 | | 3/31/2023 | | X | |
| 66 | | 3/31/2023 | | X | |
| 67 | | 3/31/2023 | | X | |
| 68 | | 3/31/2023 | | X | |
| 69 | | 3/31/2023 | | X | |
| 70 | | 3/31/2023 | | X | |
| 71 | | 3/31/2023 | | X | |
| 72 | | 3/31/2023 | | X | |
| 73 | | 3/31/2023 | | X | |
| 74 | | 3/31/2023 | | X | |
| 75 | | 3/31/2023 | | X | |
| 76 | | 3/31/2023 | | X | |
| 77 | | 3/31/2023 | | X | |
| 78 | | 3/31/2023 | | X | |
| 79 | | 3/31/2023 | | X | |
| 80 | | 3/31/2023 | | X | |
| 81 | | 3/31/2023 | | X | |
| 82 | | 3/31/2023 | | X | |
| 83 | | 3/31/2023 | | X | |
| 84 | | 3/31/2023 | | X | |
| 85 | | 3/31/2023 | | X | |
| 86 | | 3/31/2023 | | X | |
| 87 | | 3/31/2023 | | X | |
| 88 | | 3/31/2023 | | X | |
| 89 | | 3/31/2023 | | X | |
| 90 | | 3/31/2023 | | X | |
| 91 | | 3/31/2023 | | X | |
| 92 | | 3/31/2023 | | X | |
| 93 | | 3/31/2023 | | X | |
| 94 | | 3/31/2023 | | X | |
| 95 | | 3/31/2023 | | X | |
| 96 | | 3/31/2023 | | X | |
| 97 | | 3/31/2023 | | X | |
| 98 | | 3/31/2023 | | X | |
| 99 | | 3/31/2023 | | X | |
| 100 | | 3/31/2023 | | X | |
| 101 | | 3/31/2023 | | X | |
| 102 | | 3/31/2023 | | X | |
| 103 | | 3/31/2023 | | X | |
| 104 | | 3/31/2023 | | X | |
| 105 | | 3/31/2023 | | X | |
| 106 | | 3/31/2023 | | X | |
| 107 | | 3/31/2023 | | X | |
| 108 | | 3/31/2023 | | X | |
| 109 | | 3/31/2023 | | X | |
| 110 | | 3/31/2023 | | X | |
| 111 | | 3/31/2023 | | X | |
| 112 | | 3/31/2023 | | X | |
| 113 | | 3/31/2023 | | X | |
| 114 | | 3/31/2023 | | X | |
| 115 | | 3/31/2023 | | X | |
| 116 | | 3/31/2023 | | X | |
| 117 | | 3/31/2023 | | X | |
| 118 | | 3/31/2023 | | X | |
| 119 | | 3/31/2023 | | X | |
| 120 | | 3/31/2023 | | X | |
| 121 | | 3/31/2023 | | X | |
| 122 | | 3/31/2023 | | X | |
| 123 | | 3/31/2023 | | X | |
| 124 | | 3/31/2023 | | X | |
| 125 | | 3/31/2023 | | X | |
| 126 | | 3/31/2023 | | X | |
| 127 | | 3/31/2023 | | X | |
| 128 | | 3/31/2023 | | X | |
| 129 | | 3/31/2023 | | X | |
| 130 | | 3/31/2023 | | X | |
| 131 | | 3/31/2023 | | X | |
| 132 | | 3/31/2023 | | X | |
| 133 | | 3/31/2023 | | X | |
| 134 | | 3/31/2023 | | X | |
| 135 | | 3/31/2023 | | X | |
| 136 | | 3/31/2023 | | X | |
| 137 | | 3/31/2023 | | X | |
| 138 | | 3/31/2023 | | X | |
| 139 | | 3/31/2023 | | X | |
| 140 | | 3/31/2023 | | X | |
| 141 | | 3/31/2023 | | X | |
| 142 | | 3/31/2023 | | X | |
| 143 | | 3/31/2023 | | X | |
| 144 | | 3/31/2023 | | X | |
| 145 | | 3/31/2023 | | X | |
| 146 | | 3/31/2023 | | X | |
| 147 | | 3/31/2023 | | X | |
| 148 | | 3/31/2023 | | X | |
| 149 | | 3/31/2023 | | X | |
| 150 | | 3/31/2023 | | X | |
| 151 | | 3/31/2023 | | X | |
| 152 | | 3/31/2023 | | X | |
| 153 | | 3/31/2023 | | X | |
| 154 | | 3/31/2023 | | X | |
| 155 | | 3/31/2023 | | X | |
| 156 | | 3/31/2023 | | X | |
| 157 | | 3/31/2023 | | X | |
| 158 | | 3/31/2023 | | X | |
| 159 | | 3/31/2023 | | X | |
| 160 | | 3/31/2023 | | X | |
| 161 | | 3/31/2023 | | X | |
| 162 | | 3/31/2023 | | X | |
| 163 | | 3/31/2023 | | X | |
| 164 | | 3/31/2023 | | X | |
| 165 | | 3/31/2023 | | X | |
| 166 | | 3/31/2023 | | X | |
| 167 | | 3/31/2023 | | X | |
| 168 | | 3/31/2023 | | X | |
| 169 | | 3/31/2023 | | X | |
| 170 | | 3/31/2023 | | X | |
| 171 | | 3/31/2023 | | X | |
| 172 | | 3/31/2023 | | X | |
| 173 | | 3/31/2023 | | X | |
| 174 | | 3/31/2023 | | X | |
| 175 | | 3/31/2023 | | X | |
| 176 | | 3/31/2023 | | X | |
| 177 | | 3/31/2023 | | X | |
| 178 | | 3/31/2023 | | X | |
| 179 | | 3/31/2023 | | X | |
| 180 | | 3/31/2023 | | X | |
| 181 | | 3/31/2023 | | X | |
| 182 | | 3/31/2023 | | X | |
| 183 | | 3/31/2023 | | X | |
| 184 | | 3/31/2023 | | X | |
| 185 | | 3/31/2023 | | X | |
| 186 | | 3/31/2023 | | X | |
| 187 | | 3/31/2023 | | X | |
| 188 | | 3/31/2023 | | X | |
| 189 | | 3/31/2023 | | X | |
| 190 | | 3/31/2023 | | X | |
| 191 | | 3/31/2023 | | X | |
| 192 | | 3/31/2023 | | X | |
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| 194 | | 3/31/2023 | | X | |
| 195 | | 3/31/2023 | | X | |
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| 200 | | 3/31/2023 | | X | |
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| 202 | | 3/31/2023 | | X | |
| 203 | | 3/31/2023 | | X | |
| 204 | | 3/31/2023 | | X | |
| 205 | | 3/31/2023 | | X | |
| 206 | | 3/31/2023 | | X | |
| 207 | | 3/31/2023 | | X | |
| 208 | | 3/31/2023 | | X | |
| 209 | | 3/31/2023 | | X | |
| 210 | | 3/31/2023 | | X | |
| 211 | | 3/31/2023 | | X | |
| 212 | | 3/31/2023 | | X | |
| 213 | | 3/31/2023 | | X | |
| 214 | | 3/31/2023 | | X | |
| 215 | | 3/31/2023 | | X | |
| 216 | | 3/31/2023 | | X | |
| 217 | | 3/31/2023 | | X | |
| 218 | | 3/31/2023 | | X | |
| 219 | | 3/31/2023 | | X | |
| 220 | | 3/31/2023 | | X | |
| 221 | | 3/31/2023 | | X | |
| 222 | | 3/31/2023 | | X | |
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| 224 | | 3/31/2023 | | X | |
| 225 | | 3/31/2023 | | X | |
| 226 | | 3/31/2023 | | X | |
| 227 | | 3/31/2023 | | X | |
| 228 | | 3/31/2023 | | X | |
| 229 | | 3/31/2023 | | X | |
| 230 | | 3/31/2023 | | X | |
| 231 | | 3/31/2023 | | X | |
| 232 | | 3/31/2023 | | X | |
| 233 | | 3/31/2023 | | X | |
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| 235 | | 3/31/2023 | | X | |
| 236 | | 3/31/2023 | | X | |
| 237 | | 3/31/2023 | | X | |
| 238 | | 3/31/2023 | | X | |
| 239 | | 3/31/2023 | | X | |
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| 245 | | 3/31/2023 | | X | |
| 246 | | 3/31/2023 | | X | |
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| 251 | | 3/31/2023 | | X | |
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| 253 | | 3/31/2023 | | X | |
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| 255 | | 3/31/2023 | | X | |
| 256 | | 3/31/2023 | | X | |
| 257 | | 3/31/2023 | | X | |
| 258 | | 3/31/2023 | | X | |
| 259 | | 3/31/2023 | | X | |
| 260 | | 3/31/2023 | | X | |
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| 262 | | 3/31/2023 | | X | |
| 263 | | 3/31/2023 | | X | |
| 264 | | 3/31/2023 | | X | |
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| 266 | | 3/31/2023 | | X | |
| 267 | | 3/31/2023 | | X | |
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| 269 | | 3/31/2023 | | X | |
| 270 | | 3/31/2023 | | X | |
| 271 | | 3/31/2023 | | X | |
| 272 | | 3/31/2023 | | X | |
| 273 | | 3/31/2023 | | X | |
| 274 | | 3/31/2023 | | X | |
| 275 | | 3/31/2023 | | X | |
| 276 | | 3/31/2023 | | X | |
| 277 | | 3/31/2023 | | X | |
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| 279 | | 3/31/2023 | | X | |
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| 281 | | 3/31/2023 | | X | |
| 282 | | 3/31/2023 | | X | |
| 283 | | 3/31/2023 | | X | |
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| 285 | | 3/31/2023 | | X | |
| 286 | | 3/31/2023 | | X | |
| 287 | | 3/31/2023 | | X | |
| 288 | | 3/31/2023 | | X | |
| 289 | | 3/31/2023 | | X | |
| 290 | | 3/31/2023 | | X | |
| 291 | | 3/31/2023 | | X | |
| 292 | | 3/31/2023 | | X | |
| 293 | | 3/31/2023 | | X | |
| 294 | | 3/31/2023 | | X | |
| 295 | | 3/31/2023 | | X | |
| 296 | | 3/31/2023 | | X | |
| 297 | | 3/31/2023 | | X | |
| 298 | | 3/31/2023 | | X | |
| 299 | | 3/31/2023 | | X | |
| 300 | | 3/31/2023 | | X | |
| 301 | | 3/31/2023 | | X | |
| 302 | | 3/31/2023 | | X | |
| 303 | | 3/31/2023 | | X | |
| 304 | | 3/31/2023 | | X | |
| 305 | | | | | |

[illegible]



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

April 20, 2023

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: MESA VERDE BS UNIT #8

Enclosed are the results of analyses for samples received by the laboratory on 04/14/23 14:58.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 04/14/2023 | Sampling Date: | 04/14/2023 |
| Reported: | 04/20/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-044-01.0-NA-S (H231813-01)

| BTEx 8021B | | mg/kg | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/19/2023 | ND | 2.03 | 101 | 2.00 | 7.37 | | |
| Toluene* | <0.050 | 0.050 | 04/19/2023 | ND | 2.13 | 106 | 2.00 | 7.23 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/19/2023 | ND | 2.09 | 105 | 2.00 | 7.68 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/19/2023 | ND | 6.49 | 108 | 6.00 | 8.22 | | |
| Total BTEx | <0.300 | 0.300 | 04/19/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 160 | 16.0 | 04/19/2023 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/19/2023 | ND | 179 | 89.6 | 200 | 2.79 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/19/2023 | ND | 175 | 87.4 | 200 | 2.11 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/19/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 99.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 04/14/2023 | Sampling Date: | 04/14/2023 |
| Reported: | 04/20/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-045-01.0-NA-S (H231813-02)

| BTX 8021B | | | mg/kg | | Analyzed By: JH | | | | |
|----------------|--------|-----------------|------------|--------------|-----------------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/19/2023 | ND | 1.81 | 90.4 | 2.00 | 15.9 | QR-03 |
| Toluene* | <0.050 | 0.050 | 04/19/2023 | ND | 1.87 | 93.6 | 2.00 | 16.7 | QR-03 |
| Ethylbenzene* | <0.050 | 0.050 | 04/19/2023 | ND | 1.90 | 95.1 | 2.00 | 16.1 | QR-03 |
| Total Xylenes* | <0.150 | 0.150 | 04/19/2023 | ND | 5.83 | 97.2 | 6.00 | 14.8 | QR-03 |
| Total BTX | <0.300 | 0.300 | 04/19/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500CI-B | | | mg/kg | | Analyzed By: AC | | | | |
|----------------------|--------|-----------------|------------|--------------|-----------------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 160 | 16.0 | 04/19/2023 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | | mg/kg | | Analyzed By: MS | | | | |
|------------------|--------|-----------------|------------|--------------|-----------------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/19/2023 | ND | 179 | 89.6 | 200 | 2.79 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/19/2023 | ND | 175 | 87.4 | 200 | 2.11 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/19/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 99.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/14/2023
 Reported: 04/20/2023
 Project Name: MESA VERDE BS UNIT #8
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 04/14/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-047-01.0-NA-S (H231813-03)

| BTX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/19/2023 | ND | 1.81 | 90.4 | 2.00 | 15.9 | | |
| Toluene* | <0.050 | 0.050 | 04/19/2023 | ND | 1.87 | 93.6 | 2.00 | 16.7 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/19/2023 | ND | 1.90 | 95.1 | 2.00 | 16.1 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/19/2023 | ND | 5.83 | 97.2 | 6.00 | 14.8 | | |
| Total BTX | <0.300 | 0.300 | 04/19/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 04/19/2023 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/19/2023 | ND | 179 | 89.6 | 200 | 2.79 | |
| DRO >C10-C28* | 543 | 10.0 | 04/19/2023 | ND | 175 | 87.4 | 200 | 2.11 | |
| EXT DRO >C28-C36 | 113 | 10.0 | 04/19/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 93.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 04/14/2023 | Sampling Date: | 04/14/2023 |
| Reported: | 04/20/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-048-01.0-NA-S (H231813-04)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/19/2023 | ND | 1.81 | 90.4 | 2.00 | 15.9 | | |
| Toluene* | <0.050 | 0.050 | 04/19/2023 | ND | 1.87 | 93.6 | 2.00 | 16.7 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/19/2023 | ND | 1.90 | 95.1 | 2.00 | 16.1 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/19/2023 | ND | 5.83 | 97.2 | 6.00 | 14.8 | | |
| Total BTEX | <0.300 | 0.300 | 04/19/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 144 | 16.0 | 04/19/2023 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/19/2023 | ND | 179 | 89.6 | 200 | 2.79 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/19/2023 | ND | 175 | 87.4 | 200 | 2.11 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/19/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 04/14/2023 | Sampling Date: | 04/14/2023 |
| Reported: | 04/20/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-051-01.0-NA-S (H231813-05)

| BTX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/19/2023 | ND | 1.81 | 90.4 | 2.00 | 15.9 | | |
| Toluene* | <0.050 | 0.050 | 04/19/2023 | ND | 1.87 | 93.6 | 2.00 | 16.7 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/19/2023 | ND | 1.90 | 95.1 | 2.00 | 16.1 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/19/2023 | ND | 5.83 | 97.2 | 6.00 | 14.8 | | |
| Total BTX | <0.300 | 0.300 | 04/19/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 144 | 16.0 | 04/19/2023 | ND | 400 | 100 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/19/2023 | ND | 179 | 89.6 | 200 | 2.79 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/19/2023 | ND | 175 | 87.4 | 200 | 2.11 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/19/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 99.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 04/14/2023 | Sampling Date: | 04/14/2023 |
| Reported: | 04/20/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-052-01.0-NA-S (H231813-06)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/19/2023 | ND | 1.81 | 90.4 | 2.00 | 15.9 | | |
| Toluene* | <0.050 | 0.050 | 04/19/2023 | ND | 1.87 | 93.6 | 2.00 | 16.7 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/19/2023 | ND | 1.90 | 95.1 | 2.00 | 16.1 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/19/2023 | ND | 5.83 | 97.2 | 6.00 | 14.8 | | |
| Total BTEX | <0.300 | 0.300 | 04/19/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 160 | 16.0 | 04/19/2023 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/19/2023 | ND | 179 | 89.6 | 200 | 2.79 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/19/2023 | ND | 175 | 87.4 | 200 | 2.11 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/19/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 96.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 04/14/2023 | Sampling Date: | 04/14/2023 |
| Reported: | 04/20/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-053-01.0-NA-S (H231813-07)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/19/2023 | ND | 1.81 | 90.4 | 2.00 | 15.9 | | |
| Toluene* | <0.050 | 0.050 | 04/19/2023 | ND | 1.87 | 93.6 | 2.00 | 16.7 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/19/2023 | ND | 1.90 | 95.1 | 2.00 | 16.1 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/19/2023 | ND | 5.83 | 97.2 | 6.00 | 14.8 | | |
| Total BTEX | <0.300 | 0.300 | 04/19/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 160 | 16.0 | 04/19/2023 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/19/2023 | ND | 179 | 89.6 | 200 | 2.79 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/19/2023 | ND | 175 | 87.4 | 200 | 2.11 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/19/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 04/14/2023 | Sampling Date: | 04/14/2023 |
| Reported: | 04/20/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-055-01.0-NA-S (H231813-08)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/19/2023 | ND | 1.81 | 90.4 | 2.00 | 15.9 | | |
| Toluene* | <0.050 | 0.050 | 04/19/2023 | ND | 1.87 | 93.6 | 2.00 | 16.7 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/19/2023 | ND | 1.90 | 95.1 | 2.00 | 16.1 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/19/2023 | ND | 5.83 | 97.2 | 6.00 | 14.8 | | |
| Total BTEx | <0.300 | 0.300 | 04/19/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 04/19/2023 | ND | 400 | 100 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/19/2023 | ND | 179 | 89.6 | 200 | 2.79 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/19/2023 | ND | 175 | 87.4 | 200 | 2.11 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/19/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 86.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.4 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

| | | | |
|-------------------|-----------------------|---------------------|----------------|
| Received: | 04/14/2023 | Sampling Date: | 04/14/2023 |
| Reported: | 04/20/2023 | Sampling Type: | Soil |
| Project Name: | MESA VERDE BS UNIT #8 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - LEA CO NM | | |

Sample ID: CF-056-01.0-NA-S (H231813-09)

| BTX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/19/2023 | ND | 1.81 | 90.4 | 2.00 | 15.9 | | |
| Toluene* | <0.050 | 0.050 | 04/19/2023 | ND | 1.87 | 93.6 | 2.00 | 16.7 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/19/2023 | ND | 1.90 | 95.1 | 2.00 | 16.1 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/19/2023 | ND | 5.83 | 97.2 | 6.00 | 14.8 | | |
| Total BTX | <0.300 | 0.300 | 04/19/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 04/19/2023 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/19/2023 | ND | 179 | 89.6 | 200 | 2.79 | |
| DRO >C10-C28* | 554 | 10.0 | 04/19/2023 | ND | 175 | 87.4 | 200 | 2.11 | |
| EXT DRO >C28-C36 | 113 | 10.0 | 04/19/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 97.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Notes and Definitions

| | |
|-------|---|
| QR-04 | The RPD for the BS/BSD was outside of historical limits. |
| QR-03 | The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values. |
| BS-3 | Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report |

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Page 12 of 12

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

October 19, 2023

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: MESA VERDE BS UNIT #8

Enclosed are the results of analyses for samples received by the laboratory on 10/02/23 15:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at

www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|--------------------------------|
| Method EPA 552.2 | Total Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

| | |
|------------------|---|
| Method SM 9223-B | Total Coliform and E. coli (Colilert MMO-MUG) |
| Method EPA 524.2 | Regulated VOCs and Total Trihalomethanes (TTHM) |
| Method EPA 552.2 | Total Haloacetic Acids (HAA-5) |

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: MESA VERDE BS UNIT #8
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
19-Oct-23 09:02

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|--------------|---------------|
|-----------|---------------|--------|--------------|---------------|

| | | | | |
|-----------------|------------|------|-----------------|-----------------|
| CW-001.0-00.0-S | H235364-01 | Soil | 29-Sep-23 00:00 | 02-Oct-23 15:45 |
|-----------------|------------|------|-----------------|-----------------|

10/19/23 - Client changed the sample ID (see COC). This is the revised report and will replace the one sent on 10/09/23.

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: MESA VERDE BS UNIT #8
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
19-Oct-23 09:02

CW-001.0-00.0-S
H235364-01 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 1040 | | 16.0 | mg/kg | 4 | 3100503 | AC | 05-Oct-23 | 4500-Cl-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 3100338 | JH | 06-Oct-23 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 3100338 | JH | 06-Oct-23 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 3100338 | JH | 06-Oct-23 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 3100338 | JH | 06-Oct-23 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 3100338 | JH | 06-Oct-23 | 8021B | |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134 3100338 JH 06-Oct-23 8021B

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 3100331 | MS | 04-Oct-23 | 8015B | |
| DRO >C10-C28* | 117 | | 10.0 | mg/kg | 1 | 3100331 | MS | 04-Oct-23 | 8015B | |
| EXT DRO >C28-C36 | 10.7 | | 10.0 | mg/kg | 1 | 3100331 | MS | 04-Oct-23 | 8015B | |

Surrogate: 1-Chlorooctane 94.0 % 48.2-134 3100331 MS 04-Oct-23 8015B

Surrogate: 1-Chlorooctadecane 111 % 49.1-148 3100331 MS 04-Oct-23 8015B

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: MESA VERDE BS UNIT #8
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
19-Oct-23 09:02

Inorganic Compounds - Quality Control**Cardinal Laboratories**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC Limits | RPD | RPD Limit | Notes |
|-------------------------------------|--------|--------------------|-------|--------------------------------|------------------|----------------|--------|--------------|-------|
| Batch 3100503 - 1:4 DI Water | | | | | | | | | |
| Blank (3100503-BLK1) | | | | Prepared & Analyzed: 05-Oct-23 | | | | | |
| Chloride | ND | 16.0 | mg/kg | | | | | | |
| LCS (3100503-BS1) | | | | Prepared & Analyzed: 05-Oct-23 | | | | | |
| Chloride | 432 | 16.0 | mg/kg | 400 | | 108 | 80-120 | | |
| LCS Dup (3100503-BSD1) | | | | Prepared & Analyzed: 05-Oct-23 | | | | | |
| Chloride | 432 | 16.0 | mg/kg | 400 | | 108 | 80-120 | 0.00 | 20 |

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: MESA VERDE BS UNIT #8
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
19-Oct-23 09:02

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch 3100338 - Volatiles**Blank (3100338-BLK1)**

Prepared: 03-Oct-23 Analyzed: 06-Oct-23

| | | | | | | | | | | |
|---------------------------------------|--------|-------|-------|--------|--|-----|----------|--|--|--|
| Benzene | ND | 0.050 | mg/kg | | | | | | | |
| Toluene | ND | 0.050 | mg/kg | | | | | | | |
| Ethylbenzene | ND | 0.050 | mg/kg | | | | | | | |
| Total Xylenes | ND | 0.150 | mg/kg | | | | | | | |
| Total BTEX | ND | 0.300 | mg/kg | | | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0562 | | mg/kg | 0.0500 | | 112 | 71.5-134 | | | |

LCS (3100338-BS1)

Prepared: 03-Oct-23 Analyzed: 06-Oct-23

| | | | | | | | | | | |
|---------------------------------------|--------|-------|-------|--------|--|-----|----------|--|--|--|
| Benzene | 2.16 | 0.050 | mg/kg | 2.00 | | 108 | 82.8-130 | | | |
| Toluene | 2.16 | 0.050 | mg/kg | 2.00 | | 108 | 86-128 | | | |
| Ethylbenzene | 2.28 | 0.050 | mg/kg | 2.00 | | 114 | 85.9-128 | | | |
| m,p-Xylene | 4.59 | 0.100 | mg/kg | 4.00 | | 115 | 89-129 | | | |
| o-Xylene | 2.31 | 0.050 | mg/kg | 2.00 | | 115 | 86.1-125 | | | |
| Total Xylenes | 6.90 | 0.150 | mg/kg | 6.00 | | 115 | 88.2-128 | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0538 | | mg/kg | 0.0500 | | 108 | 71.5-134 | | | |

LCS Dup (3100338-BSD1)

Prepared: 03-Oct-23 Analyzed: 06-Oct-23

| | | | | | | | | | | |
|---------------------------------------|--------|-------|-------|--------|--|-----|----------|-------|------|--|
| Benzene | 2.07 | 0.050 | mg/kg | 2.00 | | 103 | 82.8-130 | 4.20 | 15.8 | |
| Toluene | 2.12 | 0.050 | mg/kg | 2.00 | | 106 | 86-128 | 1.69 | 15.9 | |
| Ethylbenzene | 2.26 | 0.050 | mg/kg | 2.00 | | 113 | 85.9-128 | 0.671 | 16 | |
| m,p-Xylene | 4.56 | 0.100 | mg/kg | 4.00 | | 114 | 89-129 | 0.575 | 16.2 | |
| o-Xylene | 2.29 | 0.050 | mg/kg | 2.00 | | 115 | 86.1-125 | 0.488 | 16.7 | |
| Total Xylenes | 6.86 | 0.150 | mg/kg | 6.00 | | 114 | 88.2-128 | 0.546 | 16.3 | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0552 | | mg/kg | 0.0500 | | 110 | 71.5-134 | | | |

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: MESA VERDE BS UNIT #8
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
19-Oct-23 09:02

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

Batch 3100331 - General Prep - Organics**Blank (3100331-BLK1)**

Prepared & Analyzed: 03-Oct-23

| | | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|-----|----------|--|--|--|
| GRO C6-C10 | ND | 10.0 | mg/kg | | | | | | | |
| DRO >C10-C28 | ND | 10.0 | mg/kg | | | | | | | |
| EXT DRO >C28-C36 | ND | 10.0 | mg/kg | | | | | | | |
| Surrogate: 1-Chlorooctane | 51.8 | | mg/kg | 50.0 | | 104 | 48.2-134 | | | |
| Surrogate: 1-Chlorooctadecane | 61.8 | | mg/kg | 50.0 | | 124 | 49.1-148 | | | |

LCS (3100331-BS1)

Prepared & Analyzed: 03-Oct-23

| | | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|-----|----------|--|--|--|
| GRO C6-C10 | 213 | 10.0 | mg/kg | 200 | | 106 | 66.4-123 | | | |
| DRO >C10-C28 | 213 | 10.0 | mg/kg | 200 | | 107 | 66.5-118 | | | |
| Total TPH C6-C28 | 426 | 10.0 | mg/kg | 400 | | 107 | 77.6-123 | | | |
| Surrogate: 1-Chlorooctane | 54.7 | | mg/kg | 50.0 | | 109 | 48.2-134 | | | |
| Surrogate: 1-Chlorooctadecane | 60.9 | | mg/kg | 50.0 | | 122 | 49.1-148 | | | |

LCS Dup (3100331-BSD1)

Prepared & Analyzed: 03-Oct-23

| | | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|------|----------|------|------|--|
| GRO C6-C10 | 199 | 10.0 | mg/kg | 200 | | 99.6 | 66.4-123 | 6.64 | 17.7 | |
| DRO >C10-C28 | 203 | 10.0 | mg/kg | 200 | | 101 | 66.5-118 | 5.09 | 21 | |
| Total TPH C6-C28 | 402 | 10.0 | mg/kg | 400 | | 100 | 77.6-123 | 5.86 | 18.5 | |
| Surrogate: 1-Chlorooctane | 51.0 | | mg/kg | 50.0 | | 102 | 48.2-134 | | | |
| Surrogate: 1-Chlorooctadecane | 57.3 | | mg/kg | 50.0 | | 115 | 49.1-148 | | | |

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Notes and Definitions

| | |
|-----|--|
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report |

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Page 8 of 8

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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 292669

QUESTIONS

| | |
|--|----------------|
| Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294 | OGRID: |
| | 16696 |
| | Action Number: |
| | 292669 |
| Action Type: | |
| [C-141] Remediation Closure Request C-141 (C-141-v-Closure) | |

QUESTIONS

| Prerequisites | |
|------------------|--|
| Incident ID (n#) | nOY1807332612 |
| Incident Name | NOY1807332612 MESA VERDE BONE SPRING UNIT #008H @ 30-025-44184 |
| Incident Type | Release Other |
| Incident Status | Remediation Closure Report Received |
| Incident Well | [30-025-44184] MESA VERDE BONE SPRING UNIT #008H |

Location of Release Source

Please answer all the questions in this group.

| | |
|-------------------------|-----------------------------------|
| Site Name | MESA VERDE BONE SPRING UNIT #008H |
| Date Release Discovered | 02/27/2018 |
| Surface Owner | Federal |

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

| | |
|--|--|
| Crude Oil Released (bbls) Details | Not answered. |
| Produced Water Released (bbls) Details | Not answered. |
| Is the concentration of chloride in the produced water >10,000 mg/l | Not answered. |
| Condensate Released (bbls) Details | Not answered. |
| Natural Gas Vented (Mcf) Details | Not answered. |
| Natural Gas Flared (Mcf) Details | Not answered. |
| Other Released Details | Cause: Equipment Failure Tank (Any) Diesel Released: 7 BBL Recovered: 0 BBL Lost: 7 BBL. |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts) | Not answered. |

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
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Santa Fe, NM 87505

QUESTIONS, Page 2

Action 292669

QUESTIONS (continued)

| | |
|--|----------------|
| Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294 | OGRID: |
| | 16696 |
| | Action Number: |
| | 292669 |
| 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 | <i>Unavailable.</i> |
| <i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i> | |

Initial Response

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

| | |
|--|----------------------|
| The source of the release has been stopped | True |
| The impacted area has been secured to protect human health and the environment | True |
| Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices | True |
| All free liquids and recoverable materials have been removed and managed appropriately | True |
| If all the actions described above have not been undertaken, explain why | <i>Not answered.</i> |

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

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

| | |
|--|--|
| I hereby agree and sign off to the above statement | Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 12/08/2023 |
|--|--|

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QUESTIONS, Page 3

Action 292669

QUESTIONS (continued)

| | | |
|--|----------------|---|
| Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294 | OGRID: | 16696 |
| | Action Number: | 292669 |
| | 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 | Direct Measurement |
| 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 | Greater than 5 (mi.) |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) | Between ½ and 1 (mi.) |
| An occupied permanent residence, school, hospital, institution, or church | Greater than 5 (mi.) |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes | Between 1 and 5 (mi.) |
| Any other fresh water well or spring | Greater than 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 | Low |
| A 100-year floodplain | Greater than 5 (mi.) |
| Did the release impact areas not on an exploration, development, production, or storage site | No |

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

| | |
|---|-----|
| Requesting a remediation plan approval with this submission | Yes |
| Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC. | |
| Have the lateral and vertical extents of contamination been fully delineated | Yes |
| Was this release entirely contained within a lined containment area | No |

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

| | | |
|-------------------|------------------------------------|------|
| Chloride | (EPA 300.0 or SM4500 Cl B) | 2020 |
| TPH (GRO+DRO+MRO) | (EPA SW-846 Method 8015M) | 7160 |
| GRO+DRO | (EPA SW-846 Method 8015M) | 6236 |
| BTEX | (EPA SW-846 Method 8021B or 8260B) | 0.1 |
| Benzene | (EPA SW-846 Method 8021B or 8260B) | 0 |

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

| | |
|---|------------|
| On what estimated date will the remediation commence | 03/30/2023 |
| On what date will (or did) the final sampling or liner inspection occur | 03/30/2023 |
| On what date will (or was) the remediation complete(d) | 04/14/2023 |
| What is the estimated surface area (in square feet) that will be reclaimed | 0 |
| What is the estimated volume (in cubic yards) that will be reclaimed | 0 |
| What is the estimated surface area (in square feet) that will be remediated | 11108 |
| What is the estimated volume (in cubic yards) that will be remediated | 176 |

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

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

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QUESTIONS, Page 4

Action 292669

QUESTIONS (continued)

| | | |
|--|----------------|---|
| Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294 | OGRID: | 16696 |
| | Action Number: | 292669 |
| | 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 | LEA LAND LANDFILL [fEEM0112342028] |
| 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 | Not answered. |
| (Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms) | Not answered. |
| (In Situ) Soil Vapor Extraction | Not answered. |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.) | Not answered. |
| (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.) | Not answered. |
| (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.) | Not answered. |
| Ground Water Abatement pursuant to 19.15.30 NMAC | Not answered. |
| OTHER (Non-listed remedial process) | Not answered. |

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

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

| | |
|--|---|
| I hereby agree and sign off to the above statement | Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 12/08/2023 |
|--|---|

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
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
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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 292669

QUESTIONS (continued)

| | |
|--|---|
| Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294 | OGRID: 16696 |
| | Action Number: 292669 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| | |
|---|----|
| Deferral Requests Only | |
| <i>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.</i> | |
| Requesting a deferral of the remediation closure due date with the approval of this submission | No |

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QUESTIONS, Page 6

Action 292669

QUESTIONS (continued)

| | | |
|--|----------------|---|
| Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294 | OGRID: | 16696 |
| | Action Number: | 292669 |
| | Action Type: | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
| | | |

QUESTIONS

| Sampling Event Information | |
|---|------------|
| Last sampling notification (C-141N) recorded | 292764 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 12/13/2023 |
| What was the (estimated) number of samples that were to be gathered | 57 |
| What was the sampling surface area in square feet | 11108 |

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

| | |
|--|-------|
| Requesting a remediation closure approval with this submission | Yes |
| Have the lateral and vertical extents of contamination been fully delineated | Yes |
| Was this release entirely contained within a lined containment area | No |
| All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion | Yes |
| What was the total surface area (in square feet) remediated | 11108 |
| What was the total volume (cubic yards) remediated | 176 |
| 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 | 11108 |
| What was the total volume (in cubic yards) reclaimed | 176 |
| Summarize any additional remediation activities not included by answers (above) | NA |

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

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

| | |
|--|---|
| I hereby agree and sign off to the above statement | Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 12/11/2023 |
|--|---|

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QUESTIONS, Page 7

Action 292669

QUESTIONS (continued)

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|--|---|
| Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294 | OGRID: 16696 |
| | Action Number: 292669 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
| | |

QUESTIONS

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

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CONDITIONS

Action 292669

CONDITIONS

| | |
|--|---|
| Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294 | OGRID: 16696 |
| | Action Number: 292669 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|--|----------------|
| amaxwell | Remediation Closure approved. All areas not reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as practical. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed. A report for reclamation and revegetation will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete". | 12/14/2023 |