

Trinity Oilfield Services & Rentals, LLC

Environmental Site Summary & Backfill Request



Company: Mewbourne Oil Company Address: P.O. Box 5270, Hobbs, NM 88241 Telephone #: (575)393-5905

Site Name: Merit 32 DM St. Com #1H NMOCD Reference#: 1RP-4724

Surface Owner: State of New Mexico Mineral Owner: State of New Mexico

Unit Letter: "D" (NW/NW) Section: 32 Township: 18S Range: 35E County: Lea GPS Coordinates: 32.7105675N -103.487175 W

Depth to Ground Water: 58' - 60' Distance to Surface Water Body: <200' 200' - 1,000' >1,000'

Wellhead Protection Area: <1,000' from Water Source or <200' from Domestic Water Source? Y N

NMOCD Ranking Score: 10 Soil Remediation Levels (mg/kg): Benzene: 10 BTEX: 50 TPH: 100 1,000 5,000 Chloride: 250 500 1,000

Date/Time of Release: 6/9/2017 Type of Release: Produced Water & Crude Oil Approximate Volume of Release: 130 bbls

Background Information:

On June 9, 2017, Mewbourne Oil Company (Mewbourne) discovered a release at the Merit 32 DM St. Com #1H (Merit 32) tank battery. Lightning struck the tank battery, resulting in a fire and the release of a total of approximately 130 barrels (bbls) of crude oil and produced water. During initial response activities, the well was shut-in, and all separation equipment was isolated from the transfer system. Vacuum trucks were utilized to recover approximately 10 bbls of crude oil and 120 bbls of produced water. Heavily impacted, visibly stained soil was scraped up and stockpiled on-site, pending final disposition.

The release impacted approximately 18,500 square feet (ft²) of the tank battery pad and commingled with an existing historical, non-reportable (i.e., <5 bbls) release. Overspray from the release impacted an area of the adjacent pastureland measuring approximately 2,000 ft².

The release was immediately reported to the New Mexico Oil Conservation Division's (NMOCD) Hobbs District Office. The NMOCD "Release Notification & Corrective Action" (Form C-141) is provided as Appendix A. General photographs of the release site are provided in Appendix B. A "Site Location Map" is provided as Figure 1.

Summary of Field Activities:

On June 15, 2017, one (1) hand-augered borehole (AH-1) was advanced at the site to investigate the vertical extent of impacted soil. The auger hole was located in the approximate center of the containment area of the former tank battery and was advanced to the hard rock layer running underneath the site (approximately 2 feet below ground surface). Representative soil samples were field-screened with a chloride test kit, and the results indicated additional vertical delineation was required.

On June 19, 2017, four (4) delineation trenches were advanced to further investigate the vertical extent of impacted soil in the containment area of the former tank battery. Trenches SP-4 and SP-5 were advanced at the western and eastern extents, respectively, of the containment area. Trench SP-6 was advanced along the flow path of the release. A delineation trench was also advanced in the area represented by auger hole AH-1. The trenches were advanced to the hard rock layer running underneath the site: approximately 2 feet below ground surface (bgs). Representative soil samples were field-screened with a chloride test kit, and confirmation samples were submitted to Cardinal Laboratories in Hobbs, New Mexico, for analysis of chloride, total petroleum hydrocarbons (TPH), and/or benzene, toluene, ethylbenzene, and total xylenes (BTEX) concentrations using Environmental Protection Agency (EPA) Methods 300, SW 846-8021b, and SW 846-8015M, respectively. Laboratory analytical results and field tests indicated vertical delineation was achieved in the eastern and western extents of the former containment area, but additional vertical delineation was required in the areas represented by auger hole AH-1 and Trench SP-6. However, further vertical advancement into the hard rock layer was deemed impracticable without specialized equipment.

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Summary of Field Activities (cont.):

On June 21, 2017, a mechanical auger was utilized to advance a borehole (AH-2) in the primary pooling area of the release. The auger hole was advanced to the extent practicable: approximately 5 feet bgs. Representative soil samples were field-screened with a chloride test kit, and a confirmation sample was submitted to the laboratory for analysis of chloride, TPH, and BTEX concentrations. Laboratory analytical results and field screens indicated vertical delineation of the pooling area had been achieved.

On June 27, 2017, a mechanical auger was utilized to advance borehole AH-1 to approximately 2.75 feet bgs. An additional borehole (AH-3) was advanced in the area represented by delineation trench SP-6 to a total depth of approximately 4 feet bgs. Representative soil samples were field-screened with a chloride test kit, and confirmation samples were submitted to the laboratory for analysis of chloride, TPH, and BTEX concentrations. Laboratory analytical results and field screens indicated vertical delineation of the release had been achieved.

Based on laboratory analytical results, and pursuant to the "Environmental Site Summary & Spill Remediation Proposal" (Work Plan) dated July 10, 2017, the excavation was advanced vertically to the hard rock layer running underneath the site, which is commonly encountered at approximately 2 feet bgs. Excavated soil was transferred to R360 (NMOCD Permit #NM-01-00061) for disposal.

On July 21, 2017, pursuant to NMOCD request, additional vertical delineation was conducted in the areas represented by auger holes AH-1 through AH-3 and sample locations SP-2 through SP-5. A mechanical auger was utilized to re-enter and advance existing boreholes AH-1 through AH-3 to depths ranging from 8 feet bgs (AH-1) to 10 feet bgs (AH-2). Boreholes were advanced in the areas represented by samples SP-2 through SP-5 to depths ranging from approximately 5 feet bgs (SP-2 and SP-3) to 7 feet bgs (SP-4 and SP-5). An additional borehole (AH-4) was advanced to approximately 7 feet bgs in the pooling area at the terminus of the flow path of the release. Representative soil samples were field-screened with a chloride test kit, and confirmation samples were submitted to the laboratory for analysis of chloride, TPH, and BTEX concentrations. Laboratory analytical results and field screens confirmed that vertical delineation of the release had been achieved.

On July 26, 2017, a series of delineation trenches were advanced at the site to determine the horizontal extent of impacted soil. The delineation trenches were spaced approximately 40 feet apart along the walls of the excavation and were advanced horizontally (to the extent practicable) in increments ranging from 1 foot to 20 feet, based on the results of concurrent chloride field tests (beginning with sample "Wall #Xa" collected from the existing sidewall and progressing through the alphabet with each subsequent field screen: i.e., Wall #Xb, Wall #Xc, etc.). The trenches were advanced vertically to the hard rock layer running underneath the site (approximately 2 feet bgs). Confirmation samples (Wall #1 through Wall #20) collected from the terminus of each delineation trench were submitted to the laboratory for analysis of chloride, TPH, and BTEX concentrations. Soil samples were also collected from the floor of the excavation and the overspray area to the south. Laboratory analytical results indicated horizontal delineation of the release had been achieved in most areas. However, additional delineation would be required in the areas represented by soil samples Wall #3, Wall #12, and Wall #20. Further delineation and/or excavation in the areas represented by soil samples Wall #11 and Wall #15 was precluded by the presence of a backfilled drilling pit (Wall #11) and a transfer pump and associated pipes, appurtenances, and electrical lines (Wall #15). Further delineation of the area represented by soil sample Wall #6 was deemed unnecessary, as the delineation trench would ultimately intersect the delineation trench for the area represented by Wall #5.

Based on field screens, the excavation sidewalls were advanced to the areas represented by soil samples Wall #4, Wall #5, Wall #7 through Wall #10, Wall #12, Wall #13, Wall #16, Wall #17, and Wall #19.

On August 11 and 14, 2017, based on laboratory analytical results, the excavation was advanced in the areas represented by soil samples Wall #3, Wall #12, and Wall #20, and confirmation soil samples were submitted to the laboratory for analysis of chloride, TPH, and/or BTEX concentrations. Laboratory analytical results indicated horizontal delineation in those areas had been achieved.

Locations of the soil samples, boreholes, and delineation trenches are depicted in Figure 2, "Sample Location Map". Laboratory analytical results are summarized in Table 1, and field screen results are provided in Table 2. Laboratory analytical reports are provided in Appendix C.

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Backfill Request:

Soil samples collected from the sidewalls of the excavation were analyzed by an NMOCD-approved laboratory, and concentrations of chloride, TPH, and BTEX were below the RRALs established for the site, with the exceptions of soil samples Wall #11 and Wall #15, as detailed above. Based on these analytical results, Mewbourne hereby requests permission from the NMOCD and NM State Land Office (NMSLO) to install a 20-mil liner and backfill the excavation with locally acquired, non-impacted material, as described in the Work Plan dated July 10, 2017. Following backfilling, a "Remediation Summary" will be submitted to the NMOCD and NMSLO.

Proposed Soil Boring/Monitor Well Locations:

| N/A | N | N/A | W |
|-----|---|-----|---|
| | N | | W |
| | N | | W |
| | N | | W |
| | N | | W |
| | N | | W |

Name/Description:

| N/A |
|-----|
| |
| |
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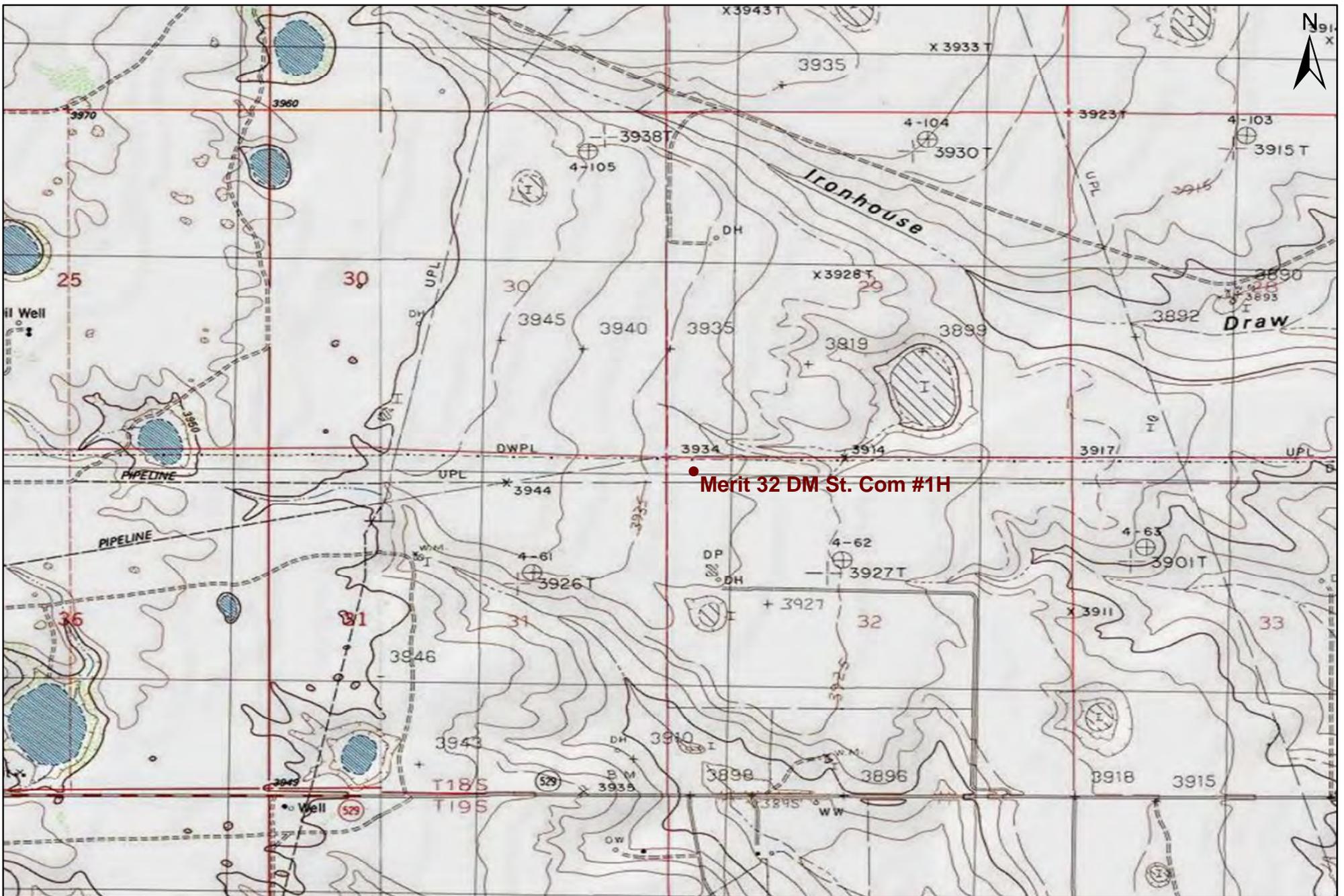
Enclosures:

- Figure 1: Site Location Map
- Figure 2: Site & Sample Location Map
- Table 1: Concentrations of Benzene, BTEX, TPH & Chloride in Soil
- Table 2: Chloride Field Tests
- Appendix A: Release Notification & Corrective Action (Form C-141)
- Appendix B: Photographs
- Appendix C: Laboratory Analytical Results


Ben J. Arguijo
Project Manager

8/25/2017

Figures



Merit 32 DM St. Com #1H

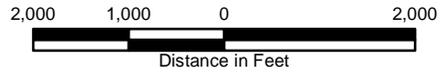
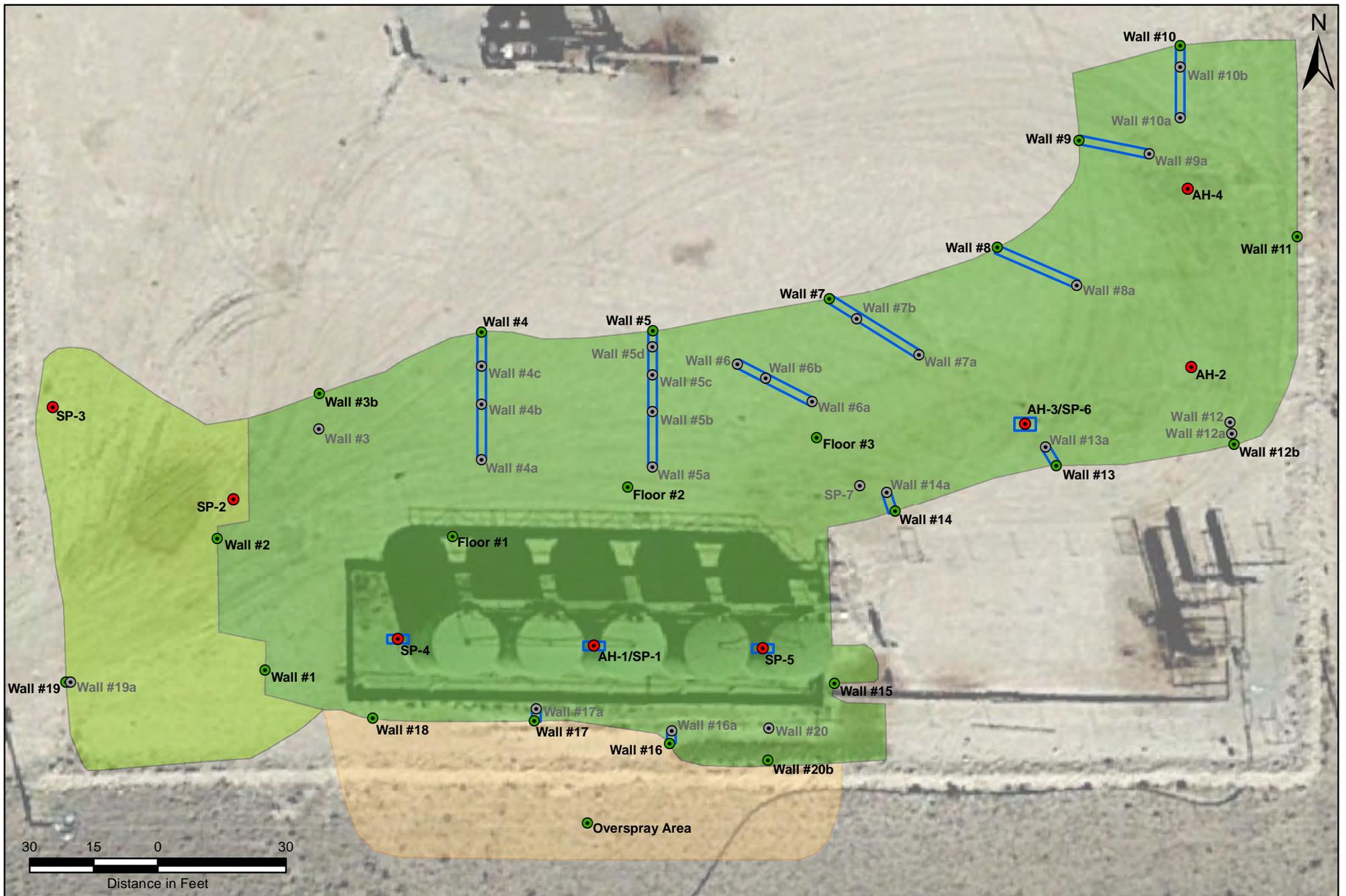


Figure 1
Site Location Map
Mewbourne Oil Company
Merit 32 DM St. Com #1H
Lea County, New Mexico
NMOCD Reference #: 1RP-4724



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

| | |
|---------------|--------------------|
| Drawn By: BJA | Checked By: CTR |
| June 14, 2017 | Scale: 1" = 2,000' |



| Legend | |
|--|---|
| Excavation - 6" - 9" bgs | Auger Hole |
| Excavation - 2' bgs | Sample Location |
| Overspray | Excavated Sample |
| Delineation Trench | |

Figure 2
Sample Location Map
Mewbourne Oil Company
Merit 32 DM St. Com #1H
Lea County, New Mexico
NMOCD Reference #: 1RP-4724



| | |
|--|-----------------|
| Trinity Oilfield Services & Rentals, LLC P.O. Box 2587 Hobbs, NM 88241 | |
| Drawn By: BJA | Checked By: CTR |
| August 25, 2017 | Scale: 1" = 30' |

Tables

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

**MEWBOURNE OIL COMPANY
MERIT 32 DM ST. COM #1H
LEA COUNTY, NEW MEXICO
NMOCD REF. #: 1RP-4724**



| SAMPLE LOCATION | SAMPLE DEPTH (BGS) | SAMPLE DATE | SOIL STATUS | METHOD: EPA SW 846-8021B, 5030 | | | | | METHOD: 8015M | | | | 300.0 |
|--|--------------------|-------------|-------------|--------------------------------|-----------------|-----------------------|-----------------------|--------------------|---|--|--|---|------------------|
| | | | | BENZENE (mg/Kg) | TOLUENE (mg/Kg) | ETHYL-BENZENE (mg/Kg) | TOTAL XYLENES (mg/Kg) | TOTAL BTEX (mg/Kg) | GRO C ₆ -C ₁₂ (mg/Kg) | DRO C ₁₂ -C ₂₈ (mg/Kg) | EXT DRO C ₂₈ -C ₃₅ (mg/Kg) | TPH C ₆ -C ₃₅ (mg/Kg) | CHLORIDE (mg/Kg) |
| NMOCD Recommended Remediation Action Levels (RRALs) | | | | 10 | NE | NE | NE | 50 | NE | NE | NE | 1,000 | 500 |
| SP-4 @ 2' | 2' | 6/19/2017 | In-Situ | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 56.5 |
| SP-5 @ 2' | 2' | 6/19/2017 | In-Situ | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 155 |
| AH-2 @ 5' | 5' | 6/21/2017 | In-Situ | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 206 |
| AH-1 @ 2.75' | 2.75' | 6/27/2017 | In-Situ | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 12.0 | 14.6 | 26.6 | 137 |
| AH-3 @ 4' | 4' | 6/27/2017 | In-Situ | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 206 |
| AH-1 @ 8' | 8' | 7/21/2017 | In-Situ | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 27.1 |
| AH-2 @ 10' | 10' | 7/21/2017 | In-Situ | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 132 |
| AH-3 @ 9' | 9' | 7/21/2017 | In-Situ | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 109 |
| AH-4 @ 2' | 2' | 7/21/2017 | In-Situ | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 235 |
| AH-4 @ 7' | 7' | 7/21/2017 | In-Situ | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 70.9 |
| SP-2 @ 5' | 5' | 7/21/2017 | In-Situ | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 34.9 |
| SP-3 @ 5' | 5' | 7/21/2017 | In-Situ | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 50.5 |
| SP-4 @ 7' | 7' | 7/21/2017 | In-Situ | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| SP-5 @ 7' | 7' | 7/21/2017 | In-Situ | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 19.7 |
| Wall #1 | 1' | 7/26/2017 | In-Situ | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 99.6 |
| Wall #2 | 1' | 7/26/2017 | In-Situ | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 38.3 | 45.8 | 84.1 | 464 |
| Wall #3 | 1' | 7/26/2017 | Excavated | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 557 |
| Wall #4 | 1' | 7/26/2017 | In-Situ | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 199 |
| Wall #5 | 1' | 7/26/2017 | In-Situ | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 192 |
| Wall #6 | 1' | 7/26/2017 | Excavated | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 896 |
| Wall #7 | 1' | 7/26/2017 | In-Situ | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 253 |
| Wall #8 | 1' | 7/26/2017 | In-Situ | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 116 |
| Wall #9 | 1' | 7/26/2017 | In-Situ | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 245 |
| Wall #10 | 1' | 7/26/2017 | In-Situ | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 130 |
| Wall #11 | 1' | 7/26/2017 | In-Situ | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 1,290 |
| Wall #12 | 1' | 7/26/2017 | Excavated | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 612 |
| Wall #13 | 1' | 7/26/2017 | In-Situ | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 70.4 |
| Wall #14 | 1' | 7/26/2017 | In-Situ | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 166 |
| Wall #15 | 1' | 7/26/2017 | In-Situ | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 75.7 | 64.9 | 141 | 10,700 |
| Wall #16 | 1' | 7/26/2017 | In-Situ | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 104 |
| Wall #17 | 1' | 7/26/2017 | In-Situ | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 27.1 |
| Wall #18 | 1' | 7/26/2017 | In-Situ | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 14.7 | 11.3 | 26.0 | 31.7 |

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

**MEWBOURNE OIL COMPANY
MERIT 32 DM ST. COM #1H
LEA COUNTY, NEW MEXICO
NMOCD REF. #: 1RP-4724**



| SAMPLE LOCATION | SAMPLE DEPTH (BGS) | SAMPLE DATE | SOIL STATUS | METHOD: EPA SW 846-8021B, 5030 | | | | | METHOD: 8015M | | | | 300.0 |
|--|--------------------|-------------|-------------|--------------------------------|-----------------|-----------------------|-----------------------|--------------------|---|--|--|---|------------------|
| | | | | BENZENE (mg/Kg) | TOLUENE (mg/Kg) | ETHYL-BENZENE (mg/Kg) | TOTAL XYLENES (mg/Kg) | TOTAL BTEX (mg/Kg) | GRO C ₆ -C ₁₂ (mg/Kg) | DRO C ₁₂ -C ₂₈ (mg/Kg) | EXT DRO C ₂₈ -C ₃₅ (mg/Kg) | TPH C ₆ -C ₃₅ (mg/Kg) | CHLORIDE (mg/Kg) |
| NMOCD Recommended Remediation Action Levels (RRALs) | | | | 10 | NE | NE | NE | 50 | NE | NE | NE | 1,000 | 500 |
| Wall #19 | 1' | 7/26/2017 | In-Situ | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 193 |
| Wall #20 | 1' | 7/26/2017 | Excavated | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 918 | 253 | 1,171 | 187 |
| Floor #1 | 2' | 7/26/2017 | In-Situ | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | 15.3 | 15.3 | 41.9 |
| Floor #2 | 2' | 7/26/2017 | In-Situ | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 6,480 |
| Floor #3 | 2' | 7/26/2017 | In-Situ | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 55.2 | 21.0 | 76.2 | 4,660 |
| Overspray Area | 0.5' | 7/26/2017 | In-Situ | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 24.0 |
| Wall #3b | 1' | 8/11/2017 | In-Situ | - | - | - | - | - | - | - | - | - | 144 |
| Wall #20b | 1' | 8/11/2017 | In-Situ | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | - |
| Wall #12b | 1' | 8/14/2017 | In-Situ | - | - | - | - | - | - | - | - | - | 305 |

NE = Not established

- = Not analyzed

Concentrations in BOLD exceed NMOCD RRALs

TABLE 2
CHLORIDE FIELD TESTS

MEWBOURNE OIL COMPANY
MERIT 32 DM ST. COM #1H
LEA COUNTY, NEW MEXICO
NMOCD REF. #: 1RP-4724



| SAMPLE LOCATION | SAMPLE DEPTH (BGS) | SAMPLE DATE | SOIL STATUS | HACH QUANTAB |
|---|--------------------|-------------|-------------|------------------|
| | | | | CHLORIDE (mg/Kg) |
| NMOCD Recommended Remediation Action Level (RRAL) | | | | 500 |
| AH-1 @ 1' | 1' | 6/15/2017 | Excavated | 2,088 |
| AH-1 @ 2' | 2' | 6/20/2017 | In-Situ | 2,728 |
| AH-1 @ 2.75' * | 2.75' | 6/27/2017 | In-Situ | 140 |
| AH-1 @ 8' * | 8' | 7/21/2017 | In-Situ | <116 |
| AH-2 @ 2' | 2' | 6/21/2017 | In-Situ | 3,272 |
| AH-2 @ 3' | 3' | 6/21/2017 | In-Situ | 360 |
| AH-2 @ 5' * | 5' | 6/21/2017 | In-Situ | 176 |
| AH-2 @ 10' * | 10' | 7/21/2017 | In-Situ | 144 |
| AH-3 @ 0.5' | 0.5' | 6/19/2017 | Excavated | 7,944 |
| AH-3 @ 1' | 1' | 6/19/2017 | Excavated | 9,420 |
| AH-3 @ 2' | 2' | 6/20/2017 | In-Situ | 5,312 |
| AH-3 @ 4' * | 4' | 6/27/2017 | In-Situ | 280 |
| AH-3 @ 9' * | 9' | 7/21/2017 | In-Situ | 144 |
| AH-4 @ 2' * | 2' | 7/21/2017 | In-Situ | 176 |
| AH-4 @ 5' | 5' | 7/21/2017 | In-Situ | <116 |
| AH-4 @ 7' * | 7' | 7/21/2017 | In-Situ | <116 |
| SP-2 @ 0.5' | 0.5' | 6/15/2017 | In-Situ | 180 |
| SP-2 @ 5' * | 5' | 7/21/2017 | In-Situ | <116 |
| SP-3 @ 0.5' | 0.5' | 6/15/2017 | In-Situ | 380 |
| SP-3 @ 5' * | 5' | 7/21/2017 | In-Situ | 144 |
| SP-4 @ Surface | Surface | 6/16/2017 | Excavated | 4,548 |
| SP-4 @ 1' | 1' | 6/19/2017 | Excavated | 724 |
| SP-4 @ 2' * | 2' | 6/19/2017 | In-Situ | <116 |
| SP-4 @ 7' * | 7' | 7/21/2017 | In-Situ | <116 |
| SP-5 @ Surface | Surface | 6/16/2017 | Excavated | 6,788 |
| SP-5 @ 1' | 1' | 6/19/2017 | Excavated | 724 |
| SP-5 @ 2' * | 2' | 6/19/2017 | In-Situ | 208 |
| SP-5 @ 7' * | 7' | 7/21/2017 | In-Situ | <116 |
| SP-7 @ 1' | 1' | 6/20/2017 | Excavated | 7,312 |
| Wall #1* | 1' | 7/26/2017 | In-Situ | 144 |
| Wall #2* | 1' | 7/26/2017 | In-Situ | 408 |
| Wall #3* | 1' | 7/26/2017 | Excavated | 408 |
| Wall #4a | 1' | 7/26/2017 | Excavated | 10,280 |
| Wall #4b | 1' | 7/26/2017 | Excavated | 1,784 |
| Wall #4c | 1' | 7/26/2017 | Excavated | 1,256 |
| Wall #4* | 1' | 7/26/2017 | In-Situ | 336 |
| Wall #5a | 1' | 7/26/2017 | Excavated | 3,272 |
| Wall #5b | 1' | 7/26/2017 | Excavated | 2,388 |
| Wall #5c | 1' | 7/26/2017 | Excavated | 1,256 |
| Wall #5d | 1' | 7/26/2017 | Excavated | 696 |
| Wall #5* | 1' | 7/26/2017 | In-Situ | 236 |

Concentrations in BOLD exceed the NMOCD RRAL

*Sample submitted to laboratory

TABLE 2
CHLORIDE FIELD TESTS

MEWBOURNE OIL COMPANY
MERIT 32 DM ST. COM #1H
LEA COUNTY, NEW MEXICO
NMOCD REF. #: 1RP-4724



| SAMPLE LOCATION | SAMPLE DEPTH (BGS) | SAMPLE DATE | SOIL STATUS | HACH QUANTAB |
|---|--------------------|-------------|-------------|------------------|
| | | | | CHLORIDE (mg/Kg) |
| NMOCD Recommended Remediation Action Level (RRAL) | | | | 500 |
| Wall #6a | 1' | 7/26/2017 | Excavated | 13,460 |
| Wall #6b | 1' | 7/26/2017 | Excavated | 544 |
| Wall #6* | 1' | 7/26/2017 | Excavated | 592 |
| Wall #7a | 1' | 7/26/2017 | Excavated | 8,676 |
| Wall #7b | 1' | 7/26/2017 | Excavated | 592 |
| Wall #7* | 1' | 7/26/2017 | In-Situ | 304 |
| Wall #8a | 1' | 7/26/2017 | Excavated | 16,352 |
| Wall #8* | 1' | 7/26/2017 | In-Situ | 236 |
| Wall #9a | 1' | 7/26/2017 | Excavated | 22,748 |
| Wall #9* | 1' | 7/26/2017 | In-Situ | 236 |
| Wall #10a | 1' | 7/26/2017 | Excavated | 4,196 |
| Wall #10b | 1' | 7/26/2017 | Excavated | 696 |
| Wall #10* | 1' | 7/26/2017 | In-Situ | 304 |
| Wall #11* | 1' | 7/26/2017 | In-Situ | 592 |
| Wall #12* | 1' | 7/26/2017 | Excavated | 456 |
| Wall #12a | 1' | 8/14/2017 | Excavated | 592 |
| Wall #12b* | 1' | 8/14/2017 | In-Situ | 268 |
| Wall #13a | 1' | 7/26/2017 | Excavated | 1,172 |
| Wall #13* | 1' | 7/26/2017 | In-Situ | 180 |
| Wall #14* | 1' | 7/26/2017 | In-Situ | 4,548 |
| Wall #15* | 1' | 7/26/2017 | In-Situ | 13,460 |
| Wall #16a | 1' | 7/26/2017 | Excavated | 812 |
| Wall #16* | 1' | 7/26/2017 | In-Situ | 180 |
| Wall #17a | 1' | 7/26/2017 | Excavated | 1,016 |
| Wall #17* | 1' | 7/26/2017 | In-Situ | 304 |
| Wall #18* | 1' | 7/26/2017 | In-Situ | 208 |
| Wall #19a | 1' | 7/26/2017 | Excavated | 544 |
| Wall #19* | 1' | 7/26/2017 | In-Situ | 336 |
| Wall #20* | 1' | 7/26/2017 | Excavated | 268 |

Concentrations in BOLD exceed the NMOCD RRAL
*Sample submitted to laboratory

Appendices

Appendix A
Release Notification &
Corrective Action (Form C-141)

District I
1625 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

Form C-141
Revised August 8, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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: Mewbourne Oil Company | Contact: Zack Thomas |
| Address: PO Box 5270 Hobbs NM 88241 | Telephone No. 575-393-5905 |
| Facility Name: Merit 32 DM St. com #1H | Facility Type: Producing Oil Well |
| Surface Owner: State | Mineral Owner: |
| API No. 30-025-40836 | |

LOCATION OF RELEASE

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|--------|
| D | 32 | 18S | 35E | 245' | North | 330' | West | Lea |

Latitude 32.7105675 Longitude -103.487175

NATURE OF RELEASE

| | | |
|--|---|--|
| Type of Release: Oil/produced water | Volume of Release: estimated 130 bbls | Volume Recovered: 10 bbls oil/ 120 bbls pw |
| Source of Release: Tank Battery | Date and Hour of Occurrence: 6-9-17 5:00 am | Date and Hour of Discovery: 6-9-17 5:00 am |
| Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom? Mark Whitaker; NMOCD | |
| By Whom? Zack Thomas | Date and Hour 6-9-17 12:40 pm | |
| 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.*

Describe Cause of Problem and Remedial Action Taken.*

Lightning struck tank battery causing fire. Well was shut-in and all separation equipment isolated. Monument and Hobbs Fire Departments were dispatched to put out fire.

Describe Area Affected and Cleanup Action Taken.*

Affected area- Pad surface Northwest of tank containment. Vacuum truck used to recover all standing fluid.

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: Zack Thomas | Approved by Environmental Specialist:  | |
| Title: Environmental Rep. | Approval Date: 6/15/2017 | Expiration Date: |
| E-mail Address: zthomas@mewbourne.com | Conditions of Approval: see attached directive | Attached <input checked="" type="checkbox"/> |
| Date: 6-12-17 | Phone: 575-602-2188 | |

* Attach Additional Sheets If Necessary

1RP-4724

nOY1716634012

pOY1716634836

Appendix B

Photographs



Merit 32 DM St. Com #1H - Release (Looking East)



Merit 32 DM St. Com #1H - Release (Looking East)



Merit 32 DM St. Com #1H – Release (Looking South)



Merit 32 DM St. Com #1H – Release (Looking Southwest)



Merit 32 DM St. Com #1H – Release (Looking South)



Merit 32 DM St. Com #1H – Release (Looking South-Southwest)



Merit 32 DM St. Com #1H – Release (Looking Northwest)



Merit 32 DM St. Com #1H – Release (Looking West)



Merit 32 DM St. Com #1H – Release (Looking Northwest)



Merit 32 DM St. Com #1H – Release (Looking North)



Merit 32 DM St. Com #1H – Overspray Area (Looking Southwest)



Merit 32 DM St. Com #1H - Excavation (Looking East)



Merit 32 DM St. Com #1H – Excavation (Looking South)



Merit 32 DM St. Com #1H – Excavation (Looking West)



Merit 32 DM St. Com #1H – Excavation (Looking East)



Merit 32 DM St. Com #1H – Excavation (Looking East)



Merit 32 DM St. Com #1H – Excavation (Looking Southeast)



Merit 32 DM St. Com #1H – Excavation (Looking Southeast)



Merit 32 DM St. Com #1H – Excavation (Looking Southeast)



Merit 32 DM St. Com #1H – Excavation (Looking East-Southeast)



Merit 32 DM St. Com #1H – Excavation (Looking Southeast)

Appendix C
Laboratory Analytical Reports



July 05, 2017

BEN ARGUIJO

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: MERIT 32 DM ST. COM #1H

Enclosed are the results of analyses for samples received by the laboratory on 06/20/17 16:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-17-9. 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,

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: DM ST. COM #1H
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 05-Jul-17 10:00

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|-----------------|-----------------|
| SP-4 @2' | H701600-01 | Soil | 19-Jun-17 12:10 | 20-Jun-17 16:25 |
| SP-5 @2' | H701600-02 | Soil | 19-Jun-17 12:15 | 20-Jun-17 16:25 |

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: DM ST. COM #1H
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 05-Jul-17 10:00

SP-4 @2'
H701600-01 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|--|--------|--|-------|--------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 7062201 | MS | 22-Jun-17 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 7062201 | MS | 22-Jun-17 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 7062201 | MS | 22-Jun-17 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 7062201 | MS | 22-Jun-17 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 7062201 | MS | 22-Jun-17 | 8021B | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 107 % | 72-148 | | 7062201 | MS | 22-Jun-17 | 8021B | |

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|--------------------------------------|-------|--|-------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 7062104 | MS | 03-Jul-17 | 8015B | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 7062104 | MS | 03-Jul-17 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 7062104 | MS | 03-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctane</i> | | | 101 % | 28.3-164 | | 7062104 | MS | 03-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 108 % | 34.7-157 | | 7062104 | MS | 03-Jul-17 | 8015B | |

Green Analytical Laboratories
Soluble (DI Water Extraction)

| | | | | | | | | | | |
|----------|------|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 56.5 | | 10.0 | mg/kg wet | 10 | B706277 | JDA | 30-Jun-17 | EPA300.0 | |
|----------|------|--|------|-----------|----|---------|-----|-----------|----------|--|

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: DM ST. COM #1H
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 05-Jul-17 10:00

SP-5 @2'
H701600-02 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|--|--------|--|-------|--------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 7062201 | MS | 22-Jun-17 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 7062201 | MS | 22-Jun-17 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 7062201 | MS | 22-Jun-17 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 7062201 | MS | 22-Jun-17 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 7062201 | MS | 22-Jun-17 | 8021B | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 103 % | 72-148 | | 7062201 | MS | 22-Jun-17 | 8021B | |

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|--------------------------------------|-------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 7062104 | MS | 22-Jun-17 | 8015B | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 7062104 | MS | 22-Jun-17 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 7062104 | MS | 22-Jun-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctane</i> | | | 83.1 % | 28.3-164 | | 7062104 | MS | 22-Jun-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 72.6 % | 34.7-157 | | 7062104 | MS | 22-Jun-17 | 8015B | |

Green Analytical Laboratories
Soluble (DI Water Extraction)

| | | | | | | | | | | |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 155 | | 10.0 | mg/kg wet | 10 | B706277 | JDA | 30-Jun-17 | EPA300.0 | |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: DM ST. COM #1H
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 05-Jul-17 10:00

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 7062201 - Volatiles
Blank (7062201-BLK1)

Prepared & Analyzed: 22-Jun-17

| | | | | | | | | | | |
|---------------------------------------|----|-------|-------|--------|--|------|--------|--|--|--|
| 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) | ND | | mg/kg | 0.0500 | | 98.6 | 72-148 | | | |

LCS (7062201-BS1)

Prepared & Analyzed: 22-Jun-17

| | | | | | | | | | | |
|---------------------------------------|--------|-------|-------|--------|--|------|----------|--|--|--|
| Benzene | 2.17 | 0.050 | mg/kg | 2.00 | | 109 | 79.5-124 | | | |
| Toluene | 2.00 | 0.050 | mg/kg | 2.00 | | 99.8 | 75.5-127 | | | |
| Ethylbenzene | 2.03 | 0.050 | mg/kg | 2.00 | | 101 | 77.7-125 | | | |
| Total Xylenes | 5.87 | 0.150 | mg/kg | 6.00 | | 97.9 | 70.9-124 | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0495 | | mg/kg | 0.0500 | | 98.9 | 72-148 | | | |

LCS Dup (7062201-BSD1)

Prepared & Analyzed: 22-Jun-17

| | | | | | | | | | | |
|---------------------------------------|--------|-------|-------|--------|--|------|----------|------|------|--|
| Benzene | 2.20 | 0.050 | mg/kg | 2.00 | | 110 | 79.5-124 | 1.21 | 6.5 | |
| Toluene | 2.03 | 0.050 | mg/kg | 2.00 | | 101 | 75.5-127 | 1.55 | 7.02 | |
| Ethylbenzene | 2.09 | 0.050 | mg/kg | 2.00 | | 105 | 77.7-125 | 3.17 | 7.83 | |
| Total Xylenes | 6.06 | 0.150 | mg/kg | 6.00 | | 101 | 70.9-124 | 3.22 | 7.78 | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0498 | | mg/kg | 0.0500 | | 99.6 | 72-148 | | | |

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: DM ST. COM #1H
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 05-Jul-17 10:00

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 7062104 - General Prep - Organics
Blank (7062104-BLK1)

Prepared & Analyzed: 21-Jun-17

| | | | | | | | | | | |
|--------------------------------------|------|------|-------|------|--|------|----------|--|--|--|
| GRO C6-C10 | ND | 10.0 | mg/kg | | | | | | | |
| DRO >C10-C28 | ND | 10.0 | mg/kg | | | | | | | |
| EXT DRO >C28-C35 | ND | 10.0 | mg/kg | | | | | | | |
| EXT DRO >C28-C36 | ND | 10.0 | mg/kg | | | | | | | |
| Total TPH C6-C28 | ND | 10.0 | mg/kg | | | | | | | |
| <i>Surrogate: 1-Chlorooctane</i> | 45.2 | | mg/kg | 50.0 | | 90.4 | 28.3-164 | | | |
| <i>Surrogate: 1-Chlorooctadecane</i> | 40.0 | | mg/kg | 50.0 | | 80.1 | 34.7-157 | | | |

LCS (7062104-BS1)

Prepared & Analyzed: 21-Jun-17

| | | | | | | | | | | |
|--------------------------------------|------|------|-------|------|--|------|----------|--|--|--|
| GRO C6-C10 | 177 | 10.0 | mg/kg | 200 | | 88.6 | 76.6-119 | | | |
| DRO >C10-C28 | 182 | 10.0 | mg/kg | 200 | | 90.9 | 81.4-124 | | | |
| Total TPH C6-C28 | 359 | 10.0 | mg/kg | 400 | | 89.8 | 79.4-121 | | | |
| <i>Surrogate: 1-Chlorooctane</i> | 48.8 | | mg/kg | 50.0 | | 97.6 | 28.3-164 | | | |
| <i>Surrogate: 1-Chlorooctadecane</i> | 43.6 | | mg/kg | 50.0 | | 87.1 | 34.7-157 | | | |

LCS Dup (7062104-BSD1)

Prepared & Analyzed: 21-Jun-17

| | | | | | | | | | | |
|--------------------------------------|------|------|-------|------|--|------|----------|------|------|--|
| GRO C6-C10 | 183 | 10.0 | mg/kg | 200 | | 91.4 | 76.6-119 | 3.03 | 7.94 | |
| DRO >C10-C28 | 186 | 10.0 | mg/kg | 200 | | 92.9 | 81.4-124 | 2.24 | 9.83 | |
| Total TPH C6-C28 | 369 | 10.0 | mg/kg | 400 | | 92.1 | 79.4-121 | 2.63 | 8.57 | |
| <i>Surrogate: 1-Chlorooctane</i> | 50.7 | | mg/kg | 50.0 | | 101 | 28.3-164 | | | |
| <i>Surrogate: 1-Chlorooctadecane</i> | 42.0 | | mg/kg | 50.0 | | 84.0 | 34.7-157 | | | |

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: DM ST. COM #1H
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 05-Jul-17 10:00

Soluble (DI Water Extraction) - Quality Control
Green Analytical Laboratories

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B706277 - General Prep - Wet Chem
Blank (B706277-BLK1)

Prepared & Analyzed: 30-Jun-17

Chloride ND 1.00 mg/kg wet

LCS (B706277-BS1)

Prepared & Analyzed: 30-Jun-17

Chloride 238 10.0 mg/kg wet 250 95.0 85-115

LCS Dup (B706277-BSD1)

Prepared & Analyzed: 30-Jun-17

Chloride 239 10.0 mg/kg wet 250 95.4 85-115 0.433 20

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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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Celey D. Keene, Lab Director/Quality Manager

July 03, 2017

BEN ARGUIJO

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: MERIT 32 DM ST. COM #1H

Enclosed are the results of analyses for samples received by the laboratory on 06/23/17 14:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-17-9. 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,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241Project: MERIT 32 DM ST. COM #1H
Project Number: MEWBOURNE
Project Manager: BEN ARGUIJO
Fax To: NONEReported:
03-Jul-17 16:18

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|-----------------|-----------------|
| AH-2 @ 5' | H701652-01 | Soil | 21-Jun-17 10:30 | 23-Jun-17 14:05 |

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 03-Jul-17 16:18

AH-2 @ 5'
H701652-01 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|---------------------------------------|--------|--|-------|--------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 7062603 | MS | 27-Jun-17 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 7062603 | MS | 27-Jun-17 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 7062603 | MS | 27-Jun-17 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 7062603 | MS | 27-Jun-17 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 7062603 | MS | 27-Jun-17 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 101 % | 72-148 | | 7062603 | MS | 27-Jun-17 | 8021B | |

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|-------------------------------|-------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 7062604 | MS | 26-Jun-17 | 8015B | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 7062604 | MS | 26-Jun-17 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 7062604 | MS | 26-Jun-17 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 81.4 % | 28.3-164 | | 7062604 | MS | 26-Jun-17 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 82.4 % | 34.7-157 | | 7062604 | MS | 26-Jun-17 | 8015B | |

Green Analytical Laboratories
Soluble (DI Water Extraction)

| | | | | | | | | | | |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 206 | | 10.0 | mg/kg wet | 10 | B706277 | JDA | 30-Jun-17 | EPA300.0 | |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 03-Jul-17 16:18

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 7062603 - Volatiles | | | | | | | | | | |
| Blank (7062603-BLK1) | | | | | | | | | | |
| Prepared & Analyzed: 26-Jun-17 | | | | | | | | | | |
| 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 | | | | | | | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | <i>ND</i> | | mg/kg | <i>0.0500</i> | | <i>98.1</i> | <i>72-148</i> | | | |
| LCS (7062603-BS1) | | | | | | | | | | |
| Prepared & Analyzed: 26-Jun-17 | | | | | | | | | | |
| Benzene | 2.21 | 0.050 | mg/kg | 2.00 | | 111 | 79.5-124 | | | |
| Toluene | 2.00 | 0.050 | mg/kg | 2.00 | | 100 | 75.5-127 | | | |
| Ethylbenzene | 2.09 | 0.050 | mg/kg | 2.00 | | 105 | 77.7-125 | | | |
| Total Xylenes | 6.12 | 0.150 | mg/kg | 6.00 | | 102 | 70.9-124 | | | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | <i>0.0494</i> | | mg/kg | <i>0.0500</i> | | <i>98.8</i> | <i>72-148</i> | | | |
| LCS Dup (7062603-BSD1) | | | | | | | | | | |
| Prepared & Analyzed: 26-Jun-17 | | | | | | | | | | |
| Benzene | 2.22 | 0.050 | mg/kg | 2.00 | | 111 | 79.5-124 | 0.417 | 6.5 | |
| Toluene | 2.03 | 0.050 | mg/kg | 2.00 | | 101 | 75.5-127 | 1.29 | 7.02 | |
| Ethylbenzene | 2.12 | 0.050 | mg/kg | 2.00 | | 106 | 77.7-125 | 1.31 | 7.83 | |
| Total Xylenes | 6.21 | 0.150 | mg/kg | 6.00 | | 104 | 70.9-124 | 1.46 | 7.78 | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | <i>0.0495</i> | | mg/kg | <i>0.0500</i> | | <i>99.0</i> | <i>72-148</i> | | | |

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 03-Jul-17 16:18

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 7062604 - General Prep - Organics
Blank (7062604-BLK1)

Prepared & Analyzed: 26-Jun-17

| | | | | | | | | | | |
|--------------------------------------|------|------|-------|------|--|------|----------|--|--|--|
| GRO C6-C10 | ND | 10.0 | mg/kg | | | | | | | |
| DRO >C10-C28 | ND | 10.0 | mg/kg | | | | | | | |
| EXT DRO >C28-C35 | ND | 10.0 | mg/kg | | | | | | | |
| EXT DRO >C28-C36 | ND | 10.0 | mg/kg | | | | | | | |
| Total TPH C6-C28 | ND | 10.0 | mg/kg | | | | | | | |
| <i>Surrogate: 1-Chlorooctane</i> | 48.3 | | mg/kg | 50.0 | | 96.6 | 28.3-164 | | | |
| <i>Surrogate: 1-Chlorooctadecane</i> | 48.6 | | mg/kg | 50.0 | | 97.2 | 34.7-157 | | | |

LCS (7062604-BS1)

Prepared & Analyzed: 26-Jun-17

| | | | | | | | | | | |
|--------------------------------------|------|------|-------|------|--|-----|----------|--|--|--|
| GRO C6-C10 | 203 | 10.0 | mg/kg | 200 | | 101 | 76.6-119 | | | |
| DRO >C10-C28 | 211 | 10.0 | mg/kg | 200 | | 106 | 81.4-124 | | | |
| Total TPH C6-C28 | 414 | 10.0 | mg/kg | 400 | | 103 | 79.4-121 | | | |
| <i>Surrogate: 1-Chlorooctane</i> | 53.3 | | mg/kg | 50.0 | | 107 | 28.3-164 | | | |
| <i>Surrogate: 1-Chlorooctadecane</i> | 53.6 | | mg/kg | 50.0 | | 107 | 34.7-157 | | | |

LCS Dup (7062604-BSD1)

Prepared & Analyzed: 26-Jun-17

| | | | | | | | | | | |
|--------------------------------------|------|------|-------|------|--|-----|----------|------|------|--|
| GRO C6-C10 | 211 | 10.0 | mg/kg | 200 | | 106 | 76.6-119 | 4.16 | 7.94 | |
| DRO >C10-C28 | 223 | 10.0 | mg/kg | 200 | | 111 | 81.4-124 | 5.30 | 9.83 | |
| Total TPH C6-C28 | 434 | 10.0 | mg/kg | 400 | | 108 | 79.4-121 | 4.74 | 8.57 | |
| <i>Surrogate: 1-Chlorooctane</i> | 55.5 | | mg/kg | 50.0 | | 111 | 28.3-164 | | | |
| <i>Surrogate: 1-Chlorooctadecane</i> | 56.2 | | mg/kg | 50.0 | | 112 | 34.7-157 | | | |

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 03-Jul-17 16:18

Soluble (DI Water Extraction) - Quality Control
Green Analytical Laboratories

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B706277 - General Prep - Wet Chem
Blank (B706277-BLK1)

Prepared & Analyzed: 30-Jun-17

| | | | | | | | | | | |
|----------|----|------|-----------|--|--|--|--|--|--|--|
| Chloride | ND | 1.00 | mg/kg wet | | | | | | | |
|----------|----|------|-----------|--|--|--|--|--|--|--|

LCS (B706277-BS1)

Prepared & Analyzed: 30-Jun-17

| | | | | | | | | | | |
|----------|-----|------|-----------|-----|--|------|--------|--|--|--|
| Chloride | 238 | 10.0 | mg/kg wet | 250 | | 95.0 | 85-115 | | | |
|----------|-----|------|-----------|-----|--|------|--------|--|--|--|

LCS Dup (B706277-BSD1)

Prepared & Analyzed: 30-Jun-17

| | | | | | | | | | | |
|----------|-----|------|-----------|-----|--|------|--------|-------|----|--|
| Chloride | 239 | 10.0 | mg/kg wet | 250 | | 95.4 | 85-115 | 0.433 | 20 | |
|----------|-----|------|-----------|-----|--|------|--------|-------|----|--|

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 1

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|----------------------------------|----------------------------|------------------------|--------------|---|------------|------|---------|--------|--------|------------|------------|---------|------|------|---|---|--|--|--|--|--|--|--|--|--|--|--|--|
| Company Name: Trinity Oilfield Services & Rentals, LLC | | | BILL TO | | | ANALYSIS REQUEST | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Manager: Ben J. Arguijo | | | P.O. #: | | | <div style="display: flex; justify-content: space-around;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH (8015M)</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX (8021B)</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chloride (300)</div> </div> | | | | | | | | | | | | | | | | | | | | | | | | |
| Address: P.O. Box 2587 | | | Company: Mewbourne Oil Co. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| City: Hobbs | | State: NM Zip: 88241 | | Attn: Zack Thomas | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Phone #: (575)390-7208 | | Fax #: | | Address: P.O. Box 5270 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project #: | | Project Owner: Mewbourne Oil Co. | | City: Hobbs | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Name: Merit 32 DM St. Com #1H | | | State: NM Zip: 88241 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Location: Lea Co., NM | | | Phone #: (575)393-5905 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sampler Name: Ben J. Arguijo | | | Fax #: (575) 397-6252 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lab I.D. | | Sample I.D. | | GIRAB OR (COMP. | # CONTAINERS | MATRIX | | | PRESERV | | | SAMPLING | | | | | | | | | | | | | | | | | | |
| | | | | | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER: | ACID/BASE: | ICE / COOL | OTHER: | DATE | TIME | | | | | | | | | | | | | | |
| H701152 | | AH-2 @ 5' | | G | 1 | | X | | | | | X | | 6/21/17 | 1030 | X | X | X | | | | | | | | | | | | |

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

| | | | |
|--|---------------|---|---|
| Relinquished By: | Date: 6/23/17 | Received By: | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: |
| | Time: 1:05 | | Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #: |
| Relinquished By: | Date: 6-23-17 | Received By: | REMARKS: |
| | Time: 2:05 | | |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | 2:30 | Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No | |
| | | CHECKED BY: (Initials) TO-#15 | Please e-mail results to zthomas@mewbourne.com & ben@trinityoilfieldservices.com |



July 06, 2017

BEN ARGUIJO

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: MERIT 32 DM ST. COM #1H

Enclosed are the results of analyses for samples received by the laboratory on 06/29/17 11:46.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-17-9. 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,

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 06-Jul-17 11:46

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|--------------|---------------|--------|-----------------|-----------------|
| AH-1 @ 2.75' | H701713-01 | Soil | 27-Jun-17 10:45 | 29-Jun-17 11:46 |
| AH-3 @ 4' | H701713-02 | Soil | 27-Jun-17 13:35 | 29-Jun-17 11:46 |

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 06-Jul-17 11:46

AH-1 @ 2.75'
H701713-01 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|---------------------------------------|--------|--|-------|--------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 7062903 | MS | 29-Jun-17 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 7062903 | MS | 29-Jun-17 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 7062903 | MS | 29-Jun-17 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 7062903 | MS | 29-Jun-17 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 7062903 | MS | 29-Jun-17 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 102 % | 72-148 | | 7062903 | MS | 29-Jun-17 | 8021B | |

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|-------------------------------|-------------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 7062906 | MS | 30-Jun-17 | 8015B | |
| DRO >C10-C28 | 12.0 | | 10.0 | mg/kg | 1 | 7062906 | MS | 30-Jun-17 | 8015B | |
| EXT DRO >C28-C36 | 14.6 | | 10.0 | mg/kg | 1 | 7062906 | MS | 30-Jun-17 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 80.1 % | 28.3-164 | | 7062906 | MS | 30-Jun-17 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 84.1 % | 34.7-157 | | 7062906 | MS | 30-Jun-17 | 8015B | |

Green Analytical Laboratories
Soluble (DI Water Extraction)

| | | | | | | | | | | |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 137 | | 10.0 | mg/kg wet | 10 | B706277 | JDA | 30-Jun-17 | EPA300.0 | |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 06-Jul-17 11:46

AH-3 @ 4'
H701713-02 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|--|--------|--|-------|--------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 7062903 | MS | 29-Jun-17 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 7062903 | MS | 29-Jun-17 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 7062903 | MS | 29-Jun-17 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 7062903 | MS | 29-Jun-17 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 7062903 | MS | 29-Jun-17 | 8021B | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 102 % | 72-148 | | 7062903 | MS | 29-Jun-17 | 8021B | |

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|--------------------------------------|-------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 7062906 | MS | 30-Jun-17 | 8015B | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 7062906 | MS | 30-Jun-17 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 7062906 | MS | 30-Jun-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctane</i> | | | 96.8 % | 28.3-164 | | 7062906 | MS | 30-Jun-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 101 % | 34.7-157 | | 7062906 | MS | 30-Jun-17 | 8015B | |

Green Analytical Laboratories
Soluble (DI Water Extraction)

| | | | | | | | | | | |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 206 | | 10.0 | mg/kg wet | 10 | B706277 | JDA | 30-Jun-17 | EPA300.0 | |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 06-Jul-17 11:46

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 7062903 - Volatiles
Blank (7062903-BLK1)

Prepared & Analyzed: 29-Jun-17

| | | | | | | | | | | |
|--|-----------|-------|--------------|---------------|--|-------------|---------------|--|--|--|
| 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 | | | | | | | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | <i>ND</i> | | <i>mg/kg</i> | <i>0.0500</i> | | <i>99.0</i> | <i>72-148</i> | | | |

LCS (7062903-BS1)

Prepared & Analyzed: 29-Jun-17

| | | | | | | | | | | |
|--|---------------|-------|--------------|---------------|--|------------|---------------|--|--|--|
| Benzene | 2.16 | 0.050 | mg/kg | 2.00 | | 108 | 79.5-124 | | | |
| Toluene | 1.96 | 0.050 | mg/kg | 2.00 | | 98.2 | 75.5-127 | | | |
| Ethylbenzene | 2.04 | 0.050 | mg/kg | 2.00 | | 102 | 77.7-125 | | | |
| Total Xylenes | 6.08 | 0.150 | mg/kg | 6.00 | | 101 | 70.9-124 | | | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | <i>0.0501</i> | | <i>mg/kg</i> | <i>0.0500</i> | | <i>100</i> | <i>72-148</i> | | | |

LCS Dup (7062903-BSD1)

Prepared & Analyzed: 29-Jun-17

| | | | | | | | | | | |
|--|---------------|-------|--------------|---------------|--|------------|---------------|------|------|--|
| Benzene | 2.13 | 0.050 | mg/kg | 2.00 | | 106 | 79.5-124 | 1.42 | 6.5 | |
| Toluene | 1.93 | 0.050 | mg/kg | 2.00 | | 96.3 | 75.5-127 | 1.95 | 7.02 | |
| Ethylbenzene | 2.00 | 0.050 | mg/kg | 2.00 | | 99.9 | 77.7-125 | 1.92 | 7.83 | |
| Total Xylenes | 6.00 | 0.150 | mg/kg | 6.00 | | 100 | 70.9-124 | 1.31 | 7.78 | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | <i>0.0502</i> | | <i>mg/kg</i> | <i>0.0500</i> | | <i>100</i> | <i>72-148</i> | | | |

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 06-Jul-17 11:46

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 7062906 - General Prep - Organics
Blank (7062906-BLK1)

Prepared & Analyzed: 29-Jun-17

| | | | | | | | | | | |
|--------------------------------------|------|------|-------|------|--|------|----------|--|--|--|
| GRO C6-C10 | ND | 10.0 | mg/kg | | | | | | | |
| DRO >C10-C28 | ND | 10.0 | mg/kg | | | | | | | |
| EXT DRO >C28-C35 | ND | 10.0 | mg/kg | | | | | | | |
| EXT DRO >C28-C36 | ND | 10.0 | mg/kg | | | | | | | |
| Total TPH C6-C28 | ND | 10.0 | mg/kg | | | | | | | |
| <i>Surrogate: 1-Chlorooctane</i> | 49.0 | | mg/kg | 50.0 | | 98.0 | 28.3-164 | | | |
| <i>Surrogate: 1-Chlorooctadecane</i> | 51.1 | | mg/kg | 50.0 | | 102 | 34.7-157 | | | |

LCS (7062906-BS1)

Prepared & Analyzed: 29-Jun-17

| | | | | | | | | | | |
|--------------------------------------|------|------|-------|------|--|-----|----------|--|--|--|
| GRO C6-C10 | 205 | 10.0 | mg/kg | 200 | | 103 | 76.6-119 | | | |
| DRO >C10-C28 | 222 | 10.0 | mg/kg | 200 | | 111 | 81.4-124 | | | |
| Total TPH C6-C28 | 427 | 10.0 | mg/kg | 400 | | 107 | 79.4-121 | | | |
| <i>Surrogate: 1-Chlorooctane</i> | 56.7 | | mg/kg | 50.0 | | 113 | 28.3-164 | | | |
| <i>Surrogate: 1-Chlorooctadecane</i> | 59.7 | | mg/kg | 50.0 | | 119 | 34.7-157 | | | |

LCS Dup (7062906-BSD1)

Prepared & Analyzed: 29-Jun-17

| | | | | | | | | | | |
|--------------------------------------|------|------|-------|------|--|-----|----------|------|------|--|
| GRO C6-C10 | 210 | 10.0 | mg/kg | 200 | | 105 | 76.6-119 | 2.25 | 7.94 | |
| DRO >C10-C28 | 228 | 10.0 | mg/kg | 200 | | 114 | 81.4-124 | 2.84 | 9.83 | |
| Total TPH C6-C28 | 438 | 10.0 | mg/kg | 400 | | 110 | 79.4-121 | 2.56 | 8.57 | |
| <i>Surrogate: 1-Chlorooctane</i> | 58.0 | | mg/kg | 50.0 | | 116 | 28.3-164 | | | |
| <i>Surrogate: 1-Chlorooctadecane</i> | 62.8 | | mg/kg | 50.0 | | 126 | 34.7-157 | | | |

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 06-Jul-17 11:46

Soluble (DI Water Extraction) - Quality Control
Green Analytical Laboratories

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B706277 - General Prep - Wet Chem
Blank (B706277-BLK1)

Prepared & Analyzed: 30-Jun-17

| | | | | | | | | | | |
|----------|----|------|-----------|--|--|--|--|--|--|--|
| Chloride | ND | 1.00 | mg/kg wet | | | | | | | |
|----------|----|------|-----------|--|--|--|--|--|--|--|

LCS (B706277-BS1)

Prepared & Analyzed: 30-Jun-17

| | | | | | | | | | | |
|----------|-----|------|-----------|-----|--|------|--------|--|--|--|
| Chloride | 238 | 10.0 | mg/kg wet | 250 | | 95.0 | 85-115 | | | |
|----------|-----|------|-----------|-----|--|------|--------|--|--|--|

LCS Dup (B706277-BSD1)

Prepared & Analyzed: 30-Jun-17

| | | | | | | | | | | |
|----------|-----|------|-----------|-----|--|------|--------|-------|----|--|
| Chloride | 239 | 10.0 | mg/kg wet | 250 | | 95.4 | 85-115 | 0.433 | 20 | |
|----------|-----|------|-----------|-----|--|------|--------|-------|----|--|

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



July 27, 2017

BEN ARGUIJO

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: MERIT 32 DM ST. COM #1H

Enclosed are the results of analyses for samples received by the laboratory on 07/21/17 16:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-17-9. 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,

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 27-Jul-17 16:28

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|------------|---------------|--------|-----------------|-----------------|
| AH-1 @ 8' | H701908-01 | Soil | 21-Jul-17 08:55 | 21-Jul-17 16:50 |
| AH-2 @ 10' | H701908-02 | Soil | 21-Jul-17 09:50 | 21-Jul-17 16:50 |
| AH-3 @ 9' | H701908-03 | Soil | 21-Jul-17 09:30 | 21-Jul-17 16:50 |
| AH-4 @ 2' | H701908-04 | Soil | 21-Jul-17 10:00 | 21-Jul-17 16:50 |
| AH-4 @ 7' | H701908-05 | Soil | 21-Jul-17 10:15 | 21-Jul-17 16:50 |
| SP-2 @ 5' | H701908-06 | Soil | 21-Jul-17 08:35 | 21-Jul-17 16:50 |
| SP-3 @ 5' | H701908-07 | Soil | 21-Jul-17 08:25 | 21-Jul-17 16:50 |
| SP-4 @ 7' | H701908-08 | Soil | 21-Jul-17 09:05 | 21-Jul-17 16:50 |
| SP-5 @ 7' | H701908-09 | Soil | 21-Jul-17 09:15 | 21-Jul-17 16:50 |

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 27-Jul-17 16:28

AH-1 @ 8'
H701908-01 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|--|--------|--|-------|--------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 108 % | 72-148 | | 7072402 | MS | 24-Jul-17 | 8021B | |

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|--------------------------------------|-------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 7072401 | MS | 24-Jul-17 | 8015B | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 7072401 | MS | 24-Jul-17 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 7072401 | MS | 24-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctane</i> | | | 84.1 % | 28.3-164 | | 7072401 | MS | 24-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 81.9 % | 34.7-157 | | 7072401 | MS | 24-Jul-17 | 8015B | |

Green Analytical Laboratories
Soluble (DI Water Extraction)

| | | | | | | | | | | |
|----------|------|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 27.1 | | 10.0 | mg/kg wet | 10 | B707202 | JDA | 26-Jul-17 | EPA300.0 | |
|----------|------|--|------|-----------|----|---------|-----|-----------|----------|--|

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 27-Jul-17 16:28

AH-2 @ 10'
H701908-02 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|--|--------|--|-------|--------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 108 % | 72-148 | | 7072402 | MS | 24-Jul-17 | 8021B | |

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|--------------------------------------|-------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 7072401 | MS | 24-Jul-17 | 8015B | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 7072401 | MS | 24-Jul-17 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 7072401 | MS | 24-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctane</i> | | | 77.2 % | 28.3-164 | | 7072401 | MS | 24-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 75.2 % | 34.7-157 | | 7072401 | MS | 24-Jul-17 | 8015B | |

Green Analytical Laboratories
Soluble (DI Water Extraction)

| | | | | | | | | | | |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 132 | | 10.0 | mg/kg wet | 10 | B707202 | JDA | 27-Jul-17 | EPA300.0 | |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 27-Jul-17 16:28

AH-3 @ 9'
H701908-03 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|--|--------|--|-------|--------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 107 % | 72-148 | | 7072402 | MS | 24-Jul-17 | 8021B | |

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|--------------------------------------|-------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 7072401 | MS | 24-Jul-17 | 8015B | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 7072401 | MS | 24-Jul-17 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 7072401 | MS | 24-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctane</i> | | | 82.0 % | 28.3-164 | | 7072401 | MS | 24-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 77.6 % | 34.7-157 | | 7072401 | MS | 24-Jul-17 | 8015B | |

Green Analytical Laboratories
Soluble (DI Water Extraction)

| | | | | | | | | | | |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 109 | | 10.0 | mg/kg wet | 10 | B707202 | JDA | 27-Jul-17 | EPA300.0 | |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 27-Jul-17 16:28

AH-4 @ 2'
H701908-04 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|--|--------|--|-------|--------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 107 % | 72-148 | | 7072402 | MS | 24-Jul-17 | 8021B | |

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|--------------------------------------|-------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 7072401 | MS | 24-Jul-17 | 8015B | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 7072401 | MS | 24-Jul-17 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 7072401 | MS | 24-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctane</i> | | | 73.3 % | 28.3-164 | | 7072401 | MS | 24-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 74.2 % | 34.7-157 | | 7072401 | MS | 24-Jul-17 | 8015B | |

Green Analytical Laboratories
Soluble (DI Water Extraction)

| | | | | | | | | | | |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 235 | | 10.0 | mg/kg wet | 10 | B707202 | JDA | 27-Jul-17 | EPA300.0 | |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 27-Jul-17 16:28

AH-4 @ 7'
H701908-05 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|--|--------|--|-------|--------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 107 % | 72-148 | | 7072402 | MS | 24-Jul-17 | 8021B | |

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|--------------------------------------|-------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 7072401 | MS | 24-Jul-17 | 8015B | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 7072401 | MS | 24-Jul-17 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 7072401 | MS | 24-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctane</i> | | | 84.3 % | 28.3-164 | | 7072401 | MS | 24-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 80.3 % | 34.7-157 | | 7072401 | MS | 24-Jul-17 | 8015B | |

Green Analytical Laboratories
Soluble (DI Water Extraction)

| | | | | | | | | | | |
|----------|------|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 70.9 | | 10.0 | mg/kg wet | 10 | B707202 | JDA | 27-Jul-17 | EPA300.0 | |
|----------|------|--|------|-----------|----|---------|-----|-----------|----------|--|

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 27-Jul-17 16:28

SP-2 @ 5'
H701908-06 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|--|--------|--|-------|--------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 107 % | 72-148 | | 7072402 | MS | 24-Jul-17 | 8021B | |

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|--------------------------------------|-------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 7072401 | MS | 24-Jul-17 | 8015B | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 7072401 | MS | 24-Jul-17 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 7072401 | MS | 24-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctane</i> | | | 84.5 % | 28.3-164 | | 7072401 | MS | 24-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 76.2 % | 34.7-157 | | 7072401 | MS | 24-Jul-17 | 8015B | |

Green Analytical Laboratories
Soluble (DI Water Extraction)

| | | | | | | | | | | |
|----------|------|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 34.9 | | 10.0 | mg/kg wet | 10 | B707202 | JDA | 27-Jul-17 | EPA300.0 | |
|----------|------|--|------|-----------|----|---------|-----|-----------|----------|--|

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 27-Jul-17 16:28

SP-3 @ 5'
H701908-07 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|--|--------|--|-------|--------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 106 % | 72-148 | | 7072402 | MS | 24-Jul-17 | 8021B | |

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|--------------------------------------|-------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 7072401 | MS | 24-Jul-17 | 8015B | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 7072401 | MS | 24-Jul-17 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 7072401 | MS | 24-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctane</i> | | | 80.2 % | 28.3-164 | | 7072401 | MS | 24-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 77.9 % | 34.7-157 | | 7072401 | MS | 24-Jul-17 | 8015B | |

Green Analytical Laboratories
Soluble (DI Water Extraction)

| | | | | | | | | | | |
|----------|------|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 50.5 | | 10.0 | mg/kg wet | 10 | B707202 | JDA | 27-Jul-17 | EPA300.0 | |
|----------|------|--|------|-----------|----|---------|-----|-----------|----------|--|

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 27-Jul-17 16:28

SP-4 @ 7'
H701908-08 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|--|--------|--|-------|--------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 106 % | 72-148 | | 7072402 | MS | 24-Jul-17 | 8021B | |

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|--------------------------------------|-------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 7072401 | MS | 24-Jul-17 | 8015B | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 7072401 | MS | 24-Jul-17 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 7072401 | MS | 24-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctane</i> | | | 83.5 % | 28.3-164 | | 7072401 | MS | 24-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 77.2 % | 34.7-157 | | 7072401 | MS | 24-Jul-17 | 8015B | |

Green Analytical Laboratories
Soluble (DI Water Extraction)

| | | | | | | | | | | |
|----------|-------|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | <10.0 | | 10.0 | mg/kg wet | 10 | B707202 | JDA | 27-Jul-17 | EPA300.0 | |
|----------|-------|--|------|-----------|----|---------|-----|-----------|----------|--|

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 27-Jul-17 16:28

SP-5 @ 7'
H701908-09 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|--|--------|--|-------|--------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 7072402 | MS | 24-Jul-17 | 8021B | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 107 % | 72-148 | | 7072402 | MS | 24-Jul-17 | 8021B | |

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|--------------------------------------|-------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 7072401 | MS | 24-Jul-17 | 8015B | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 7072401 | MS | 24-Jul-17 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 7072401 | MS | 24-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctane</i> | | | 89.4 % | 28.3-164 | | 7072401 | MS | 24-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 82.2 % | 34.7-157 | | 7072401 | MS | 24-Jul-17 | 8015B | |

Green Analytical Laboratories
Soluble (DI Water Extraction)

| | | | | | | | | | | |
|----------|------|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 19.7 | | 10.0 | mg/kg wet | 10 | B707202 | JDA | 27-Jul-17 | EPA300.0 | |
|----------|------|--|------|-----------|----|---------|-----|-----------|----------|--|

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 27-Jul-17 16:28

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 7072402 - Volatiles
Blank (7072402-BLK1)

Prepared & Analyzed: 24-Jul-17

| | | | | | | | | | | |
|--|---------------|-------|--------------|---------------|--|------------|---------------|--|--|--|
| 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 | | | | | | | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | <i>0.0536</i> | | <i>mg/kg</i> | <i>0.0500</i> | | <i>107</i> | <i>72-148</i> | | | |

LCS (7072402-BS1)

Prepared & Analyzed: 24-Jul-17

| | | | | | | | | | | |
|--|---------------|-------|--------------|---------------|--|------------|---------------|--|--|--|
| Benzene | 1.65 | 0.050 | mg/kg | 2.00 | | 82.6 | 79.5-124 | | | |
| Toluene | 1.82 | 0.050 | mg/kg | 2.00 | | 90.9 | 75.5-127 | | | |
| Ethylbenzene | 2.03 | 0.050 | mg/kg | 2.00 | | 101 | 77.7-125 | | | |
| Total Xylenes | 6.13 | 0.150 | mg/kg | 6.00 | | 102 | 70.9-124 | | | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | <i>0.0515</i> | | <i>mg/kg</i> | <i>0.0500</i> | | <i>103</i> | <i>72-148</i> | | | |

LCS Dup (7072402-BSD1)

Prepared & Analyzed: 24-Jul-17

| | | | | | | | | | | |
|--|---------------|-------|--------------|---------------|--|------------|---------------|------|------|--|
| Benzene | 1.69 | 0.050 | mg/kg | 2.00 | | 84.5 | 79.5-124 | 2.20 | 6.5 | |
| Toluene | 1.86 | 0.050 | mg/kg | 2.00 | | 93.2 | 75.5-127 | 2.55 | 7.02 | |
| Ethylbenzene | 2.08 | 0.050 | mg/kg | 2.00 | | 104 | 77.7-125 | 2.56 | 7.83 | |
| Total Xylenes | 6.33 | 0.150 | mg/kg | 6.00 | | 105 | 70.9-124 | 3.15 | 7.78 | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | <i>0.0529</i> | | <i>mg/kg</i> | <i>0.0500</i> | | <i>106</i> | <i>72-148</i> | | | |

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 27-Jul-17 16:28

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 7072401 - General Prep - Organics
Blank (7072401-BLK1)

Prepared & Analyzed: 24-Jul-17

| | | | | | | | | | | |
|--------------------------------------|------|------|-------|------|--|------|----------|--|--|--|
| GRO C6-C10 | ND | 10.0 | mg/kg | | | | | | | |
| DRO >C10-C28 | ND | 10.0 | mg/kg | | | | | | | |
| EXT DRO >C28-C35 | ND | 10.0 | mg/kg | | | | | | | |
| EXT DRO >C28-C36 | ND | 10.0 | mg/kg | | | | | | | |
| Total TPH C6-C28 | ND | 10.0 | mg/kg | | | | | | | |
| <i>Surrogate: 1-Chlorooctane</i> | 45.4 | | mg/kg | 50.0 | | 90.7 | 28.3-164 | | | |
| <i>Surrogate: 1-Chlorooctadecane</i> | 42.1 | | mg/kg | 50.0 | | 84.3 | 34.7-157 | | | |

LCS (7072401-BS1)

Prepared & Analyzed: 24-Jul-17

| | | | | | | | | | | |
|--------------------------------------|------|------|-------|------|--|------|----------|--|--|--|
| GRO C6-C10 | 183 | 10.0 | mg/kg | 200 | | 91.6 | 76.6-119 | | | |
| DRO >C10-C28 | 189 | 10.0 | mg/kg | 200 | | 94.3 | 81.4-124 | | | |
| Total TPH C6-C28 | 372 | 10.0 | mg/kg | 400 | | 93.0 | 79.4-121 | | | |
| <i>Surrogate: 1-Chlorooctane</i> | 48.8 | | mg/kg | 50.0 | | 97.6 | 28.3-164 | | | |
| <i>Surrogate: 1-Chlorooctadecane</i> | 47.7 | | mg/kg | 50.0 | | 95.3 | 34.7-157 | | | |

LCS Dup (7072401-BSD1)

Prepared & Analyzed: 24-Jul-17

| | | | | | | | | | | |
|--------------------------------------|------|------|-------|------|--|------|----------|-------|------|--|
| GRO C6-C10 | 186 | 10.0 | mg/kg | 200 | | 92.8 | 76.6-119 | 1.25 | 7.94 | |
| DRO >C10-C28 | 188 | 10.0 | mg/kg | 200 | | 93.8 | 81.4-124 | 0.539 | 9.83 | |
| Total TPH C6-C28 | 373 | 10.0 | mg/kg | 400 | | 93.3 | 79.4-121 | 0.346 | 8.57 | |
| <i>Surrogate: 1-Chlorooctane</i> | 49.3 | | mg/kg | 50.0 | | 98.7 | 28.3-164 | | | |
| <i>Surrogate: 1-Chlorooctadecane</i> | 44.5 | | mg/kg | 50.0 | | 89.0 | 34.7-157 | | | |

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 27-Jul-17 16:28

Soluble (DI Water Extraction) - Quality Control
Green Analytical Laboratories

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B707202 - General Prep - Wet Chem
Blank (B707202-BLK1)

Prepared: 25-Jul-17 Analyzed: 26-Jul-17

| | | | | | | | | | | |
|----------|----|------|-----------|--|--|--|--|--|--|--|
| Chloride | ND | 10.0 | mg/kg wet | | | | | | | |
|----------|----|------|-----------|--|--|--|--|--|--|--|

LCS (B707202-BS1)

Prepared: 25-Jul-17 Analyzed: 26-Jul-17

| | | | | | | | | | | |
|----------|-----|------|-----------|-----|--|------|--------|--|--|--|
| Chloride | 240 | 10.0 | mg/kg wet | 250 | | 96.1 | 85-115 | | | |
|----------|-----|------|-----------|-----|--|------|--------|--|--|--|

LCS Dup (B707202-BSD1)

Prepared: 25-Jul-17 Analyzed: 26-Jul-17

| | | | | | | | | | | |
|----------|-----|------|-----------|-----|--|------|--------|-------|----|--|
| Chloride | 239 | 10.0 | mg/kg wet | 250 | | 95.4 | 85-115 | 0.714 | 20 | |
|----------|-----|------|-----------|-----|--|------|--------|-------|----|--|

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Celey D. Keene, Lab Director/Quality Manager

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

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



August 10, 2017

BEN ARGUIJO

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: MERIT 32 DM ST. COM #1H

Enclosed are the results of analyses for samples received by the laboratory on 07/27/17 14:02.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-17-9. 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,

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 10-Aug-17 09:50

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|----------------|---------------|--------|-----------------|-----------------|
| WALL # 1 | H701969-01 | Soil | 26-Jul-17 08:30 | 27-Jul-17 14:02 |
| WALL # 2 | H701969-02 | Soil | 26-Jul-17 08:35 | 27-Jul-17 14:02 |
| WALL # 3 | H701969-03 | Soil | 26-Jul-17 08:40 | 27-Jul-17 14:02 |
| WALL # 4 | H701969-04 | Soil | 26-Jul-17 09:20 | 27-Jul-17 14:02 |
| WALL # 5 | H701969-05 | Soil | 26-Jul-17 09:50 | 27-Jul-17 14:02 |
| WALL # 6 | H701969-06 | Soil | 26-Jul-17 11:10 | 27-Jul-17 14:02 |
| WALL # 7 | H701969-07 | Soil | 26-Jul-17 10:40 | 27-Jul-17 14:02 |
| WALL # 8 | H701969-08 | Soil | 26-Jul-17 11:00 | 27-Jul-17 14:02 |
| WALL # 9 | H701969-09 | Soil | 26-Jul-17 11:25 | 27-Jul-17 14:02 |
| WALL # 10 | H701969-10 | Soil | 26-Jul-17 11:50 | 27-Jul-17 14:02 |
| WALL # 11 | H701969-11 | Soil | 26-Jul-17 13:30 | 27-Jul-17 14:02 |
| WALL # 12 | H701969-12 | Soil | 26-Jul-17 13:35 | 27-Jul-17 14:02 |
| WALL # 13 | H701969-13 | Soil | 26-Jul-17 14:00 | 27-Jul-17 14:02 |
| WALL # 14 | H701969-14 | Soil | 26-Jul-17 14:05 | 27-Jul-17 14:02 |
| WALL # 15 | H701969-15 | Soil | 26-Jul-17 14:10 | 27-Jul-17 14:02 |
| WALL # 16 | H701969-16 | Soil | 26-Jul-17 14:30 | 27-Jul-17 14:02 |
| WALL # 17 | H701969-17 | Soil | 26-Jul-17 14:50 | 27-Jul-17 14:02 |
| WALL # 18 | H701969-18 | Soil | 26-Jul-17 14:55 | 27-Jul-17 14:02 |
| WALL # 19 | H701969-19 | Soil | 26-Jul-17 15:10 | 27-Jul-17 14:02 |
| WALL # 20 | H701969-20 | Soil | 26-Jul-17 15:15 | 27-Jul-17 14:02 |
| FLOOR # 1 | H701969-21 | Soil | 26-Jul-17 15:20 | 27-Jul-17 14:02 |
| FLOOR # 2 | H701969-22 | Soil | 26-Jul-17 15:25 | 27-Jul-17 14:02 |
| FLOOR # 3 | H701969-23 | Soil | 26-Jul-17 15:30 | 27-Jul-17 14:02 |
| OVERSPRAY AREA | H701969-24 | Soil | 26-Jul-17 15:40 | 27-Jul-17 14:02 |

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 10-Aug-17 09:50

WALL # 1
H701969-01 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|--|--------|--|-------|-------|--------|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 102 % | | 72-148 | 7072807 | MS | 29-Jul-17 | 8021B | |

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|--------------------------------------|-------|--|--------|-------|----------|---------|----|-----------|-------|--|
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 7072802 | MS | 28-Jul-17 | 8015B | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 7072802 | MS | 28-Jul-17 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 7072802 | MS | 28-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctane</i> | | | 99.6 % | | 28.3-164 | 7072802 | MS | 28-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 104 % | | 34.7-157 | 7072802 | MS | 28-Jul-17 | 8015B | |

Green Analytical Laboratories
Soluble (DI Water Extraction)

| | | | | | | | | | | |
|----------|------|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 99.6 | | 12.0 | mg/kg wet | 12 | B708044 | JDA | 08-Aug-17 | EPA300.0 | |
|----------|------|--|------|-----------|----|---------|-----|-----------|----------|--|

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 10-Aug-17 09:50

WALL # 2
H701969-02 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|--|--------|--|-------|--------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 101 % | 72-148 | | 7072807 | MS | 29-Jul-17 | 8021B | |

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|--------------------------------------|-------------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 7072802 | MS | 28-Jul-17 | 8015B | |
| DRO >C10-C28 | 38.3 | | 10.0 | mg/kg | 1 | 7072802 | MS | 28-Jul-17 | 8015B | |
| EXT DRO >C28-C36 | 45.8 | | 10.0 | mg/kg | 1 | 7072802 | MS | 28-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctane</i> | | | 94.5 % | 28.3-164 | | 7072802 | MS | 28-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 98.8 % | 34.7-157 | | 7072802 | MS | 28-Jul-17 | 8015B | |

Green Analytical Laboratories
Soluble (DI Water Extraction)

| | | | | | | | | | | |
|-----------------|------------|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 464 | | 12.0 | mg/kg wet | 12 | B708044 | JDA | 08-Aug-17 | EPA300.0 | |
|-----------------|------------|--|------|-----------|----|---------|-----|-----------|----------|--|

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 10-Aug-17 09:50

WALL # 3
H701969-03 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|--|--------|--|-------|--------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 103 % | 72-148 | | 7072807 | MS | 29-Jul-17 | 8021B | |

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|--------------------------------------|-------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 7072802 | MS | 28-Jul-17 | 8015B | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 7072802 | MS | 28-Jul-17 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 7072802 | MS | 28-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctane</i> | | | 95.2 % | 28.3-164 | | 7072802 | MS | 28-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 95.4 % | 34.7-157 | | 7072802 | MS | 28-Jul-17 | 8015B | |

Green Analytical Laboratories
Soluble (DI Water Extraction)

| | | | | | | | | | | |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 557 | | 12.0 | mg/kg wet | 12 | B708044 | JDA | 08-Aug-17 | EPA300.0 | |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 10-Aug-17 09:50

WALL # 4
H701969-04 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|--|--------|--|-------|--------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 103 % | 72-148 | | 7072807 | MS | 29-Jul-17 | 8021B | |

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|--------------------------------------|-------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 7072802 | MS | 28-Jul-17 | 8015B | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 7072802 | MS | 28-Jul-17 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 7072802 | MS | 28-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctane</i> | | | 89.1 % | 28.3-164 | | 7072802 | MS | 28-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 93.1 % | 34.7-157 | | 7072802 | MS | 28-Jul-17 | 8015B | |

Green Analytical Laboratories
Soluble (DI Water Extraction)

| | | | | | | | | | | |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 199 | | 12.0 | mg/kg wet | 12 | B708044 | JDA | 08-Aug-17 | EPA300.0 | |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 10-Aug-17 09:50

WALL # 5
H701969-05 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|--|--------|--|-------|--------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 102 % | 72-148 | | 7072807 | MS | 29-Jul-17 | 8021B | |

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|--------------------------------------|-------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 7072802 | MS | 28-Jul-17 | 8015B | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 7072802 | MS | 28-Jul-17 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 7072802 | MS | 28-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctane</i> | | | 96.5 % | 28.3-164 | | 7072802 | MS | 28-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 100 % | 34.7-157 | | 7072802 | MS | 28-Jul-17 | 8015B | |

Green Analytical Laboratories
Soluble (DI Water Extraction)

| | | | | | | | | | | |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 192 | | 12.0 | mg/kg wet | 12 | B708044 | JDA | 08-Aug-17 | EPA300.0 | |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 10-Aug-17 09:50

WALL # 6
H701969-06 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|--|--------|--|-------|--------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 101 % | 72-148 | | 7072807 | MS | 29-Jul-17 | 8021B | |

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|--------------------------------------|-------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 7072802 | MS | 28-Jul-17 | 8015B | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 7072802 | MS | 28-Jul-17 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 7072802 | MS | 28-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctane</i> | | | 86.9 % | 28.3-164 | | 7072802 | MS | 28-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 87.1 % | 34.7-157 | | 7072802 | MS | 28-Jul-17 | 8015B | |

Green Analytical Laboratories
Soluble (DI Water Extraction)

| | | | | | | | | | | |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 896 | | 24.0 | mg/kg wet | 24 | B708044 | JDA | 08-Aug-17 | EPA300.0 | |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 10-Aug-17 09:50

WALL # 7
H701969-07 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|--|--------|--|-------|--------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 102 % | 72-148 | | 7072807 | MS | 29-Jul-17 | 8021B | |

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|--------------------------------------|-------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 7072802 | MS | 28-Jul-17 | 8015B | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 7072802 | MS | 28-Jul-17 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 7072802 | MS | 28-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctane</i> | | | 96.6 % | 28.3-164 | | 7072802 | MS | 28-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 96.9 % | 34.7-157 | | 7072802 | MS | 28-Jul-17 | 8015B | |

Green Analytical Laboratories
Soluble (DI Water Extraction)

| | | | | | | | | | | |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 253 | | 12.0 | mg/kg wet | 12 | B708044 | JDA | 08-Aug-17 | EPA300.0 | |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 10-Aug-17 09:50

WALL # 8
H701969-08 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|--|--------|--|-------|--------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 102 % | 72-148 | | 7072807 | MS | 29-Jul-17 | 8021B | |

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|--------------------------------------|-------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 7072802 | MS | 28-Jul-17 | 8015B | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 7072802 | MS | 28-Jul-17 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 7072802 | MS | 28-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctane</i> | | | 92.8 % | 28.3-164 | | 7072802 | MS | 28-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 97.8 % | 34.7-157 | | 7072802 | MS | 28-Jul-17 | 8015B | |

Green Analytical Laboratories
Soluble (DI Water Extraction)

| | | | | | | | | | | |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 116 | | 12.0 | mg/kg wet | 12 | B708044 | JDA | 08-Aug-17 | EPA300.0 | |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 10-Aug-17 09:50

WALL # 9
H701969-09 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|--|--------|--|-------|--------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 7072807 | MS | 29-Jul-17 | 8021B | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 101 % | 72-148 | | 7072807 | MS | 29-Jul-17 | 8021B | |

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|--------------------------------------|-------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 7072802 | MS | 28-Jul-17 | 8015B | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 7072802 | MS | 28-Jul-17 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 7072802 | MS | 28-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctane</i> | | | 89.3 % | 28.3-164 | | 7072802 | MS | 28-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 104 % | 34.7-157 | | 7072802 | MS | 28-Jul-17 | 8015B | |

Green Analytical Laboratories
Soluble (DI Water Extraction)

| | | | | | | | | | | |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 245 | | 12.0 | mg/kg wet | 12 | B708044 | JDA | 08-Aug-17 | EPA300.0 | |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 10-Aug-17 09:50

WALL # 10
H701969-10 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|--|--------|--|-------|--------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 29-Jul-17 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 29-Jul-17 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 29-Jul-17 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 7072808 | MS | 29-Jul-17 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 7072808 | MS | 29-Jul-17 | 8021B | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 101 % | 72-148 | | 7072808 | MS | 29-Jul-17 | 8021B | |

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|--------------------------------------|-------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 7072802 | MS | 28-Jul-17 | 8015B | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 7072802 | MS | 28-Jul-17 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 7072802 | MS | 28-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctane</i> | | | 78.3 % | 28.3-164 | | 7072802 | MS | 28-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 78.7 % | 34.7-157 | | 7072802 | MS | 28-Jul-17 | 8015B | |

Green Analytical Laboratories
Soluble (DI Water Extraction)

| | | | | | | | | | | |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 130 | | 12.0 | mg/kg wet | 12 | B708044 | JDA | 08-Aug-17 | EPA300.0 | |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 10-Aug-17 09:50

WALL # 11
H701969-11 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|--|--------|--|-------|--------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 29-Jul-17 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 29-Jul-17 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 29-Jul-17 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 7072808 | MS | 29-Jul-17 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 7072808 | MS | 29-Jul-17 | 8021B | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 100 % | 72-148 | | 7072808 | MS | 29-Jul-17 | 8021B | |

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|--------------------------------------|-------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 7072802 | MS | 28-Jul-17 | 8015B | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 7072802 | MS | 28-Jul-17 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 7072802 | MS | 28-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctane</i> | | | 80.4 % | 28.3-164 | | 7072802 | MS | 28-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 85.0 % | 34.7-157 | | 7072802 | MS | 28-Jul-17 | 8015B | |

Green Analytical Laboratories
Soluble (DI Water Extraction)

| | | | | | | | | | | |
|----------|------|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 1290 | | 48.0 | mg/kg wet | 48 | B708044 | JDA | 08-Aug-17 | EPA300.0 | |
|----------|------|--|------|-----------|----|---------|-----|-----------|----------|--|

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 10-Aug-17 09:50

WALL # 12
H701969-12 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|--|--------|--|-------|--------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 29-Jul-17 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 29-Jul-17 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 29-Jul-17 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 7072808 | MS | 29-Jul-17 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 7072808 | MS | 29-Jul-17 | 8021B | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 101 % | 72-148 | | 7072808 | MS | 29-Jul-17 | 8021B | |

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|--------------------------------------|-------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 7072802 | MS | 28-Jul-17 | 8015B | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 7072802 | MS | 28-Jul-17 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 7072802 | MS | 28-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctane</i> | | | 86.7 % | 28.3-164 | | 7072802 | MS | 28-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 87.0 % | 34.7-157 | | 7072802 | MS | 28-Jul-17 | 8015B | |

Green Analytical Laboratories
Soluble (DI Water Extraction)

| | | | | | | | | | | |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 612 | | 24.0 | mg/kg wet | 24 | B708044 | JDA | 09-Aug-17 | EPA300.0 | |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 10-Aug-17 09:50

WALL # 13
H701969-13 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|--|--------|--|-------|--------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 29-Jul-17 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 29-Jul-17 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 29-Jul-17 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 7072808 | MS | 29-Jul-17 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 7072808 | MS | 29-Jul-17 | 8021B | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 102 % | 72-148 | | 7072808 | MS | 29-Jul-17 | 8021B | |

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|--------------------------------------|-------|--|-------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 7072802 | MS | 28-Jul-17 | 8015B | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 7072802 | MS | 28-Jul-17 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 7072802 | MS | 28-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctane</i> | | | 102 % | 28.3-164 | | 7072802 | MS | 28-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 106 % | 34.7-157 | | 7072802 | MS | 28-Jul-17 | 8015B | |

Green Analytical Laboratories
Soluble (DI Water Extraction)

| | | | | | | | | | | |
|----------|------|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 70.4 | | 12.0 | mg/kg wet | 12 | B708044 | JDA | 08-Aug-17 | EPA300.0 | |
|----------|------|--|------|-----------|----|---------|-----|-----------|----------|--|

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 10-Aug-17 09:50

WALL # 14
H701969-14 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|--|--------|--|-------|--------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 29-Jul-17 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 29-Jul-17 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 29-Jul-17 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 7072808 | MS | 29-Jul-17 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 7072808 | MS | 29-Jul-17 | 8021B | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 102 % | 72-148 | | 7072808 | MS | 29-Jul-17 | 8021B | |

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|--------------------------------------|-------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 7072806 | MS | 29-Jul-17 | 8015B | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 7072806 | MS | 29-Jul-17 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 7072806 | MS | 29-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctane</i> | | | 98.9 % | 28.3-164 | | 7072806 | MS | 29-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 106 % | 34.7-157 | | 7072806 | MS | 29-Jul-17 | 8015B | |

Green Analytical Laboratories
Soluble (DI Water Extraction)

| | | | | | | | | | | |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 166 | | 10.0 | mg/kg wet | 10 | B708044 | JDA | 08-Aug-17 | EPA300.0 | |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 10-Aug-17 09:50

WALL # 15
H701969-15 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|--|--------|--|-------|--------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 29-Jul-17 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 29-Jul-17 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 29-Jul-17 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 7072808 | MS | 29-Jul-17 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 7072808 | MS | 29-Jul-17 | 8021B | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 102 % | 72-148 | | 7072808 | MS | 29-Jul-17 | 8021B | |

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|--------------------------------------|-------------|--|-------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 7072806 | MS | 29-Jul-17 | 8015B | |
| DRO >C10-C28 | 75.7 | | 10.0 | mg/kg | 1 | 7072806 | MS | 29-Jul-17 | 8015B | |
| EXT DRO >C28-C36 | 64.9 | | 10.0 | mg/kg | 1 | 7072806 | MS | 29-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctane</i> | | | 100 % | 28.3-164 | | 7072806 | MS | 29-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 112 % | 34.7-157 | | 7072806 | MS | 29-Jul-17 | 8015B | |

Green Analytical Laboratories
Soluble (DI Water Extraction)

| | | | | | | | | | | |
|-----------------|--------------|--|-----|-----------|-----|---------|-----|-----------|----------|--|
| Chloride | 10700 | | 500 | mg/kg wet | 500 | B708044 | JDA | 09-Aug-17 | EPA300.0 | |
|-----------------|--------------|--|-----|-----------|-----|---------|-----|-----------|----------|--|

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 10-Aug-17 09:50

WALL # 16
H701969-16 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|--|--------|--|-------|--------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 29-Jul-17 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 29-Jul-17 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 29-Jul-17 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 7072808 | MS | 29-Jul-17 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 7072808 | MS | 29-Jul-17 | 8021B | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 102 % | 72-148 | | 7072808 | MS | 29-Jul-17 | 8021B | |

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|--------------------------------------|-------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 7072806 | MS | 29-Jul-17 | 8015B | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 7072806 | MS | 29-Jul-17 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 7072806 | MS | 29-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctane</i> | | | 92.3 % | 28.3-164 | | 7072806 | MS | 29-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 93.2 % | 34.7-157 | | 7072806 | MS | 29-Jul-17 | 8015B | |

Green Analytical Laboratories
Soluble (DI Water Extraction)

| | | | | | | | | | | |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 104 | | 10.0 | mg/kg wet | 10 | B708044 | JDA | 08-Aug-17 | EPA300.0 | |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 10-Aug-17 09:50

WALL # 17
H701969-17 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|--|--------|--|-------|--------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 29-Jul-17 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 29-Jul-17 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 29-Jul-17 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 7072808 | MS | 29-Jul-17 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 7072808 | MS | 29-Jul-17 | 8021B | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 102 % | 72-148 | | 7072808 | MS | 29-Jul-17 | 8021B | |

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|--------------------------------------|-------|--|-------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 7072806 | MS | 29-Jul-17 | 8015B | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 7072806 | MS | 29-Jul-17 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 7072806 | MS | 29-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctane</i> | | | 101 % | 28.3-164 | | 7072806 | MS | 29-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 105 % | 34.7-157 | | 7072806 | MS | 29-Jul-17 | 8015B | |

Green Analytical Laboratories
Soluble (DI Water Extraction)

| | | | | | | | | | | |
|----------|------|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 27.1 | | 10.0 | mg/kg wet | 10 | B708044 | JDA | 08-Aug-17 | EPA300.0 | |
|----------|------|--|------|-----------|----|---------|-----|-----------|----------|--|

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 10-Aug-17 09:50

WALL # 18
H701969-18 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|--|--------|--|-------|--------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 30-Jul-17 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 30-Jul-17 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 30-Jul-17 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 7072808 | MS | 30-Jul-17 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 7072808 | MS | 30-Jul-17 | 8021B | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 101 % | 72-148 | | 7072808 | MS | 30-Jul-17 | 8021B | |

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|--------------------------------------|-------------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 7072806 | MS | 29-Jul-17 | 8015B | |
| DRO >C10-C28 | 14.7 | | 10.0 | mg/kg | 1 | 7072806 | MS | 29-Jul-17 | 8015B | |
| EXT DRO >C28-C36 | 11.3 | | 10.0 | mg/kg | 1 | 7072806 | MS | 29-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctane</i> | | | 88.8 % | 28.3-164 | | 7072806 | MS | 29-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 94.5 % | 34.7-157 | | 7072806 | MS | 29-Jul-17 | 8015B | |

Green Analytical Laboratories
Soluble (DI Water Extraction)

| | | | | | | | | | | |
|-----------------|-------------|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 31.7 | | 10.0 | mg/kg wet | 10 | B708044 | JDA | 08-Aug-17 | EPA300.0 | |
|-----------------|-------------|--|------|-----------|----|---------|-----|-----------|----------|--|

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 10-Aug-17 09:50

WALL # 19
H701969-19 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|--|--------|--|-------|--------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 30-Jul-17 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 30-Jul-17 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 30-Jul-17 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 7072808 | MS | 30-Jul-17 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 7072808 | MS | 30-Jul-17 | 8021B | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 103 % | 72-148 | | 7072808 | MS | 30-Jul-17 | 8021B | |

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|--------------------------------------|-------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 7072806 | MS | 29-Jul-17 | 8015B | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 7072806 | MS | 29-Jul-17 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 7072806 | MS | 29-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctane</i> | | | 98.9 % | 28.3-164 | | 7072806 | MS | 29-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 102 % | 34.7-157 | | 7072806 | MS | 29-Jul-17 | 8015B | |

Green Analytical Laboratories
Soluble (DI Water Extraction)

| | | | | | | | | | | |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 193 | | 10.0 | mg/kg wet | 10 | B708044 | JDA | 08-Aug-17 | EPA300.0 | |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 10-Aug-17 09:50

WALL # 20
H701969-20 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|--|--------|--|-------|--------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 30-Jul-17 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 30-Jul-17 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 30-Jul-17 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 7072808 | MS | 30-Jul-17 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 7072808 | MS | 30-Jul-17 | 8021B | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 106 % | 72-148 | | 7072808 | MS | 30-Jul-17 | 8021B | |

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|--------------------------------------|------------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 7072806 | MS | 29-Jul-17 | 8015B | |
| DRO >C10-C28 | 918 | | 10.0 | mg/kg | 1 | 7072806 | MS | 29-Jul-17 | 8015B | |
| EXT DRO >C28-C36 | 253 | | 10.0 | mg/kg | 1 | 7072806 | MS | 29-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctane</i> | | | 95.6 % | 28.3-164 | | 7072806 | MS | 29-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 134 % | 34.7-157 | | 7072806 | MS | 29-Jul-17 | 8015B | |

Green Analytical Laboratories
Soluble (DI Water Extraction)

| | | | | | | | | | | |
|-----------------|------------|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 187 | | 10.0 | mg/kg wet | 10 | B708044 | JDA | 08-Aug-17 | EPA300.0 | |
|-----------------|------------|--|------|-----------|----|---------|-----|-----------|----------|--|

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 10-Aug-17 09:50

FLOOR # 1
H701969-21 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|--|--------|--|-------|--------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 30-Jul-17 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 30-Jul-17 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 30-Jul-17 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 7072808 | MS | 30-Jul-17 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 7072808 | MS | 30-Jul-17 | 8021B | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 102 % | 72-148 | | 7072808 | MS | 30-Jul-17 | 8021B | |

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|--------------------------------------|-------------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 7072806 | MS | 29-Jul-17 | 8015B | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 7072806 | MS | 29-Jul-17 | 8015B | |
| EXT DRO >C28-C36 | 15.3 | | 10.0 | mg/kg | 1 | 7072806 | MS | 29-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctane</i> | | | 94.0 % | 28.3-164 | | 7072806 | MS | 29-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 97.8 % | 34.7-157 | | 7072806 | MS | 29-Jul-17 | 8015B | |

Green Analytical Laboratories
Soluble (DI Water Extraction)

| | | | | | | | | | | |
|-----------------|-------------|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 41.9 | | 10.0 | mg/kg wet | 10 | B708046 | JDA | 09-Aug-17 | EPA300.0 | |
|-----------------|-------------|--|------|-----------|----|---------|-----|-----------|----------|--|

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 10-Aug-17 09:50

FLOOR # 2
H701969-22 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|--|--------|--|-------|--------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 30-Jul-17 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 30-Jul-17 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 30-Jul-17 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 7072808 | MS | 30-Jul-17 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 7072808 | MS | 30-Jul-17 | 8021B | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 104 % | 72-148 | | 7072808 | MS | 30-Jul-17 | 8021B | |

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|--------------------------------------|-------|--|-------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 7072806 | MS | 29-Jul-17 | 8015B | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 7072806 | MS | 29-Jul-17 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 7072806 | MS | 29-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctane</i> | | | 110 % | 28.3-164 | | 7072806 | MS | 29-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 116 % | 34.7-157 | | 7072806 | MS | 29-Jul-17 | 8015B | |

Green Analytical Laboratories
Soluble (DI Water Extraction)

| | | | | | | | | | | |
|----------|------|--|-----|-----------|-----|---------|-----|-----------|----------|--|
| Chloride | 6480 | | 200 | mg/kg wet | 200 | B708046 | JDA | 09-Aug-17 | EPA300.0 | |
|----------|------|--|-----|-----------|-----|---------|-----|-----------|----------|--|

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 10-Aug-17 09:50

FLOOR # 3
H701969-23 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|--|--------|--|-------|--------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 30-Jul-17 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 30-Jul-17 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 30-Jul-17 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 7072808 | MS | 30-Jul-17 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 7072808 | MS | 30-Jul-17 | 8021B | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 103 % | 72-148 | | 7072808 | MS | 30-Jul-17 | 8021B | |

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|--------------------------------------|-------------|--|-------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 7072806 | MS | 29-Jul-17 | 8015B | |
| DRO >C10-C28 | 55.2 | | 10.0 | mg/kg | 1 | 7072806 | MS | 29-Jul-17 | 8015B | |
| EXT DRO >C28-C36 | 21.0 | | 10.0 | mg/kg | 1 | 7072806 | MS | 29-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctane</i> | | | 106 % | 28.3-164 | | 7072806 | MS | 29-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 119 % | 34.7-157 | | 7072806 | MS | 29-Jul-17 | 8015B | |

Green Analytical Laboratories
Soluble (DI Water Extraction)

| | | | | | | | | | | |
|-----------------|-------------|--|-----|-----------|-----|---------|-----|-----------|----------|--|
| Chloride | 4660 | | 200 | mg/kg wet | 200 | B708046 | JDA | 09-Aug-17 | EPA300.0 | |
|-----------------|-------------|--|-----|-----------|-----|---------|-----|-----------|----------|--|

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 10-Aug-17 09:50

OVERSPRAY AREA
H701969-24 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|--|--------|--|-------|--------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 30-Jul-17 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 30-Jul-17 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 7072808 | MS | 30-Jul-17 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 7072808 | MS | 30-Jul-17 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 7072808 | MS | 30-Jul-17 | 8021B | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 102 % | 72-148 | | 7072808 | MS | 30-Jul-17 | 8021B | |

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|--------------------------------------|-------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 7072806 | MS | 29-Jul-17 | 8015B | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 7072806 | MS | 29-Jul-17 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 7072806 | MS | 29-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctane</i> | | | 91.5 % | 28.3-164 | | 7072806 | MS | 29-Jul-17 | 8015B | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 96.6 % | 34.7-157 | | 7072806 | MS | 29-Jul-17 | 8015B | |

Green Analytical Laboratories
Soluble (DI Water Extraction)

| | | | | | | | | | | |
|----------|------|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 24.0 | | 10.0 | mg/kg wet | 10 | B708046 | JDA | 09-Aug-17 | EPA300.0 | |
|----------|------|--|------|-----------|----|---------|-----|-----------|----------|--|

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 10-Aug-17 09:50

Volatile Organic Compounds by EPA Method 8021 - Quality Control
Cardinal Laboratories

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC %REC | Limit | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|-----------|-------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|-----------|-------|-----|-----------|-------|

Batch 7072807 - Volatiles
Blank (7072807-BLK1)

Prepared: 28-Jul-17 Analyzed: 29-Jul-17

| | | | | | | | | | | |
|--|---------------|-------|--------------|---------------|--|------------|---------------|--|--|--|
| 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 | | | | | | | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | <i>0.0508</i> | | <i>mg/kg</i> | <i>0.0500</i> | | <i>102</i> | <i>72-148</i> | | | |

LCS (7072807-BS1)

Prepared: 28-Jul-17 Analyzed: 29-Jul-17

| | | | | | | | | | | |
|--|---------------|-------|--------------|---------------|--|-------------|---------------|--|--|--|
| Benzene | 1.91 | 0.050 | mg/kg | 2.00 | | 95.3 | 79.5-124 | | | |
| Toluene | 1.79 | 0.050 | mg/kg | 2.00 | | 89.6 | 75.5-127 | | | |
| Ethylbenzene | 1.84 | 0.050 | mg/kg | 2.00 | | 92.1 | 77.7-125 | | | |
| Total Xylenes | 5.59 | 0.150 | mg/kg | 6.00 | | 93.1 | 70.9-124 | | | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | <i>0.0488</i> | | <i>mg/kg</i> | <i>0.0500</i> | | <i>97.6</i> | <i>72-148</i> | | | |

LCS Dup (7072807-BSD1)

Prepared: 28-Jul-17 Analyzed: 29-Jul-17

| | | | | | | | | | | |
|--|---------------|-------|--------------|---------------|--|-------------|---------------|-------|------|--|
| Benzene | 1.89 | 0.050 | mg/kg | 2.00 | | 94.3 | 79.5-124 | 1.01 | 6.5 | |
| Toluene | 1.81 | 0.050 | mg/kg | 2.00 | | 90.3 | 75.5-127 | 0.801 | 7.02 | |
| Ethylbenzene | 1.85 | 0.050 | mg/kg | 2.00 | | 92.3 | 77.7-125 | 0.169 | 7.83 | |
| Total Xylenes | 5.66 | 0.150 | mg/kg | 6.00 | | 94.3 | 70.9-124 | 1.29 | 7.78 | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | <i>0.0498</i> | | <i>mg/kg</i> | <i>0.0500</i> | | <i>99.6</i> | <i>72-148</i> | | | |

Batch 7072808 - Volatiles
Blank (7072808-BLK1)

Prepared: 28-Jul-17 Analyzed: 29-Jul-17

| | | | | | | | | | | |
|--|---------------|-------|--------------|---------------|--|------------|---------------|--|--|--|
| 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 | | | | | | | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | <i>0.0501</i> | | <i>mg/kg</i> | <i>0.0500</i> | | <i>100</i> | <i>72-148</i> | | | |

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 10-Aug-17 09:50

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 7072808 - Volatiles
LCS (7072808-BS1)

Prepared: 28-Jul-17 Analyzed: 29-Jul-17

| | | | | | | | | | | |
|---------------------------------------|--------|-------|-------|--------|--|------|----------|--|--|--|
| Benzene | 1.93 | 0.050 | mg/kg | 2.00 | | 96.6 | 79.5-124 | | | |
| Toluene | 1.80 | 0.050 | mg/kg | 2.00 | | 89.9 | 75.5-127 | | | |
| Ethylbenzene | 1.88 | 0.050 | mg/kg | 2.00 | | 93.9 | 77.7-125 | | | |
| Total Xylenes | 5.68 | 0.150 | mg/kg | 6.00 | | 94.6 | 70.9-124 | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0498 | | mg/kg | 0.0500 | | 99.7 | 72-148 | | | |

LCS Dup (7072808-BSD1)

Prepared: 28-Jul-17 Analyzed: 29-Jul-17

| | | | | | | | | | | |
|---------------------------------------|--------|-------|-------|--------|--|------|----------|-------|------|--|
| Benzene | 1.94 | 0.050 | mg/kg | 2.00 | | 96.9 | 79.5-124 | 0.304 | 6.5 | |
| Toluene | 1.81 | 0.050 | mg/kg | 2.00 | | 90.6 | 75.5-127 | 0.754 | 7.02 | |
| Ethylbenzene | 1.87 | 0.050 | mg/kg | 2.00 | | 93.5 | 77.7-125 | 0.466 | 7.83 | |
| Total Xylenes | 5.65 | 0.150 | mg/kg | 6.00 | | 94.2 | 70.9-124 | 0.464 | 7.78 | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0502 | | mg/kg | 0.0500 | | 100 | 72-148 | | | |

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 10-Aug-17 09:50

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 7072802 - General Prep - Organics
Blank (7072802-BLK1)

Prepared & Analyzed: 28-Jul-17

| | | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|-----|----------|--|--|--|
| GRO C6-C10 | ND | 10.0 | mg/kg | | | | | | | |
| DRO >C10-C28 | ND | 10.0 | mg/kg | | | | | | | |
| EXT DRO >C28-C35 | ND | 10.0 | mg/kg | | | | | | | |
| EXT DRO >C28-C36 | ND | 10.0 | mg/kg | | | | | | | |
| Total TPH C6-C28 | ND | 10.0 | mg/kg | | | | | | | |
| Surrogate: 1-Chlorooctane | 51.7 | | mg/kg | 50.0 | | 103 | 28.3-164 | | | |
| Surrogate: 1-Chlorooctadecane | 56.0 | | mg/kg | 50.0 | | 112 | 34.7-157 | | | |

LCS (7072802-BS1)

Prepared & Analyzed: 28-Jul-17

| | | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|------|----------|--|--|--|
| GRO C6-C10 | 198 | 10.0 | mg/kg | 200 | | 99.1 | 76.6-119 | | | |
| DRO >C10-C28 | 211 | 10.0 | mg/kg | 200 | | 105 | 81.4-124 | | | |
| Total TPH C6-C28 | 409 | 10.0 | mg/kg | 400 | | 102 | 79.4-121 | | | |
| Surrogate: 1-Chlorooctane | 55.2 | | mg/kg | 50.0 | | 110 | 28.3-164 | | | |
| Surrogate: 1-Chlorooctadecane | 59.5 | | mg/kg | 50.0 | | 119 | 34.7-157 | | | |

LCS Dup (7072802-BSD1)

Prepared & Analyzed: 28-Jul-17

| | | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|------|----------|------|------|-------|
| GRO C6-C10 | 179 | 10.0 | mg/kg | 200 | | 89.5 | 76.6-119 | 10.1 | 7.94 | QR-02 |
| DRO >C10-C28 | 193 | 10.0 | mg/kg | 200 | | 96.5 | 81.4-124 | 8.90 | 9.83 | |
| Total TPH C6-C28 | 372 | 10.0 | mg/kg | 400 | | 93.0 | 79.4-121 | 9.48 | 8.57 | QR-02 |
| Surrogate: 1-Chlorooctane | 49.8 | | mg/kg | 50.0 | | 99.6 | 28.3-164 | | | |
| Surrogate: 1-Chlorooctadecane | 53.8 | | mg/kg | 50.0 | | 108 | 34.7-157 | | | |

Batch 7072806 - General Prep - Organics
Blank (7072806-BLK1)

Prepared & Analyzed: 28-Jul-17

| | | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|-----|----------|--|--|--|
| GRO C6-C10 | ND | 10.0 | mg/kg | | | | | | | |
| DRO >C10-C28 | ND | 10.0 | mg/kg | | | | | | | |
| EXT DRO >C28-C35 | ND | 10.0 | mg/kg | | | | | | | |
| EXT DRO >C28-C36 | ND | 10.0 | mg/kg | | | | | | | |
| Total TPH C6-C28 | ND | 10.0 | mg/kg | | | | | | | |
| Surrogate: 1-Chlorooctane | 55.1 | | mg/kg | 50.0 | | 110 | 28.3-164 | | | |
| Surrogate: 1-Chlorooctadecane | 59.3 | | mg/kg | 50.0 | | 119 | 34.7-157 | | | |

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 10-Aug-17 09:50

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 7072806 - General Prep - Organics
LCS (7072806-BS1)

Prepared & Analyzed: 28-Jul-17

| | | | | | | | | | | |
|--------------------------------------|-------------|------|-------|-------------|--|------------|-----------------|--|--|--|
| GRO C6-C10 | 216 | 10.0 | mg/kg | 200 | | 108 | 76.6-119 | | | |
| DRO >C10-C28 | 227 | 10.0 | mg/kg | 200 | | 114 | 81.4-124 | | | |
| Total TPH C6-C28 | 443 | 10.0 | mg/kg | 400 | | 111 | 79.4-121 | | | |
| <i>Surrogate: 1-Chlorooctane</i> | <i>62.1</i> | | mg/kg | <i>50.0</i> | | <i>124</i> | <i>28.3-164</i> | | | |
| <i>Surrogate: 1-Chlorooctadecane</i> | <i>65.6</i> | | mg/kg | <i>50.0</i> | | <i>131</i> | <i>34.7-157</i> | | | |

LCS Dup (7072806-BSD1)

Prepared & Analyzed: 28-Jul-17

| | | | | | | | | | | |
|--------------------------------------|-------------|------|-------|-------------|--|------------|-----------------|------|------|--|
| GRO C6-C10 | 210 | 10.0 | mg/kg | 200 | | 105 | 76.6-119 | 2.77 | 7.94 | |
| DRO >C10-C28 | 222 | 10.0 | mg/kg | 200 | | 111 | 81.4-124 | 2.33 | 9.83 | |
| Total TPH C6-C28 | 432 | 10.0 | mg/kg | 400 | | 108 | 79.4-121 | 2.54 | 8.57 | |
| <i>Surrogate: 1-Chlorooctane</i> | <i>60.5</i> | | mg/kg | <i>50.0</i> | | <i>121</i> | <i>28.3-164</i> | | | |
| <i>Surrogate: 1-Chlorooctadecane</i> | <i>65.8</i> | | mg/kg | <i>50.0</i> | | <i>132</i> | <i>34.7-157</i> | | | |

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 10-Aug-17 09:50

Soluble (DI Water Extraction) - Quality Control
Green Analytical Laboratories

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B708044 - General Prep - Wet Chem
Blank (B708044-BLK1)

Prepared: 07-Aug-17 Analyzed: 08-Aug-17

Chloride ND 10.0 mg/kg wet

LCS (B708044-BS1)

Prepared: 07-Aug-17 Analyzed: 08-Aug-17

Chloride 232 10.0 mg/kg wet 250 92.9 85-115

LCS Dup (B708044-BSD1)

Prepared: 07-Aug-17 Analyzed: 08-Aug-17

Chloride 235 10.0 mg/kg wet 250 94.0 85-115 1.20 20

Batch B708046 - General Prep - Wet Chem
Blank (B708046-BLK1)

Prepared: 07-Aug-17 Analyzed: 09-Aug-17

Chloride ND 1.00 mg/kg wet

LCS (B708046-BS1)

Prepared: 07-Aug-17 Analyzed: 09-Aug-17

Chloride 239 10.0 mg/kg wet 250 95.7 85-115

LCS Dup (B708046-BSD1)

Prepared: 07-Aug-17 Analyzed: 09-Aug-17

Chloride 242 10.0 mg/kg wet 250 96.6 85-115 0.915 20

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

- QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
- 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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

August 17, 2017

BEN ARGUIJO

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: MERIT 32 DM ST. COM #1H

Enclosed are the results of analyses for samples received by the laboratory on 08/11/17 16:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-17-9. 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,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241Project: MERIT 32 DM ST. COM #1H
Project Number: MEWBOURNE
Project Manager: BEN ARGUIJO
Fax To: NONEReported:
17-Aug-17 11:49

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|------------|---------------|--------|-----------------|-----------------|
| WALL # 20B | H702130-01 | Soil | 11-Aug-17 15:15 | 11-Aug-17 16:30 |
| WALL # 3B | H702130-02 | Soil | 11-Aug-17 16:00 | 11-Aug-17 16:30 |

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 17-Aug-17 11:49

WALL # 20B
H702130-01 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 7081614 | MS | 14-Aug-17 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 7081614 | MS | 14-Aug-17 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 7081614 | MS | 14-Aug-17 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 7081614 | MS | 14-Aug-17 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 7081614 | MS | 14-Aug-17 | 8021B | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 72-148 7081614 MS 14-Aug-17 8021B

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 7081629 | MS | 14-Aug-17 | 8015B | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 7081629 | MS | 14-Aug-17 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 7081629 | MS | 14-Aug-17 | 8015B | |

Surrogate: 1-Chlorooctane 83.0 % 28.3-164 7081629 MS 14-Aug-17 8015B

Surrogate: 1-Chlorooctadecane 89.5 % 34.7-157 7081629 MS 14-Aug-17 8015B

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 17-Aug-17 11:49

WALL # 3B
H702130-02 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Green Analytical Laboratories
Soluble (DI Water Extraction)

| | | | | | | | | | | |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 144 | | 10.0 | mg/kg wet | 10 | B708132 | JDA | 16-Aug-17 | EPA300.0 | |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 17-Aug-17 11:49

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 7081614 - Volatiles | | | | | | | | | | |
| Blank (7081614-BLK1) | | | | | | | | | | |
| Prepared & Analyzed: 14-Aug-17 | | | | | | | | | | |
| 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 | | | | | | | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | <i>0.0513</i> | | mg/kg | <i>0.0500</i> | | <i>103</i> | <i>72-148</i> | | | |
| LCS (7081614-BS1) | | | | | | | | | | |
| Prepared & Analyzed: 14-Aug-17 | | | | | | | | | | |
| Benzene | 1.95 | 0.050 | mg/kg | 2.00 | | 97.4 | 79.5-124 | | | |
| Toluene | 1.81 | 0.050 | mg/kg | 2.00 | | 90.3 | 75.5-127 | | | |
| Ethylbenzene | 1.89 | 0.050 | mg/kg | 2.00 | | 94.6 | 77.7-125 | | | |
| Total Xylenes | 5.66 | 0.150 | mg/kg | 6.00 | | 94.3 | 70.9-124 | | | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | <i>0.0509</i> | | mg/kg | <i>0.0500</i> | | <i>102</i> | <i>72-148</i> | | | |
| LCS Dup (7081614-BSD1) | | | | | | | | | | |
| Prepared & Analyzed: 14-Aug-17 | | | | | | | | | | |
| Benzene | 1.98 | 0.050 | mg/kg | 2.00 | | 98.8 | 79.5-124 | 1.41 | 6.5 | |
| Toluene | 1.86 | 0.050 | mg/kg | 2.00 | | 93.0 | 75.5-127 | 3.03 | 7.02 | |
| Ethylbenzene | 1.94 | 0.050 | mg/kg | 2.00 | | 96.8 | 77.7-125 | 2.37 | 7.83 | |
| Total Xylenes | 5.80 | 0.150 | mg/kg | 6.00 | | 96.6 | 70.9-124 | 2.51 | 7.78 | |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | <i>0.0512</i> | | mg/kg | <i>0.0500</i> | | <i>102</i> | <i>72-148</i> | | | |

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 17-Aug-17 11:49

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 7081629 - General Prep - Organics
Blank (7081629-BLK1)

Prepared & Analyzed: 14-Aug-17

| | | | | | | | | | | |
|--------------------------------------|------|------|-------|------|--|------|----------|--|--|--|
| GRO C6-C10 | ND | 10.0 | mg/kg | | | | | | | |
| DRO >C10-C28 | ND | 10.0 | mg/kg | | | | | | | |
| EXT DRO >C28-C35 | ND | 10.0 | mg/kg | | | | | | | |
| EXT DRO >C28-C36 | ND | 10.0 | mg/kg | | | | | | | |
| Total TPH C6-C28 | ND | 10.0 | mg/kg | | | | | | | |
| <i>Surrogate: 1-Chlorooctane</i> | 47.5 | | mg/kg | 50.0 | | 95.0 | 28.3-164 | | | |
| <i>Surrogate: 1-Chlorooctadecane</i> | 47.6 | | mg/kg | 50.0 | | 95.2 | 34.7-157 | | | |

LCS (7081629-BS1)

Prepared & Analyzed: 14-Aug-17

| | | | | | | | | | | |
|--------------------------------------|------|------|-------|------|--|------|----------|--|--|--|
| GRO C6-C10 | 212 | 10.0 | mg/kg | 200 | | 106 | 76.6-119 | | | |
| DRO >C10-C28 | 210 | 10.0 | mg/kg | 200 | | 105 | 81.4-124 | | | |
| Total TPH C6-C28 | 422 | 10.0 | mg/kg | 400 | | 105 | 79.4-121 | | | |
| <i>Surrogate: 1-Chlorooctane</i> | 50.1 | | mg/kg | 50.0 | | 100 | 28.3-164 | | | |
| <i>Surrogate: 1-Chlorooctadecane</i> | 49.4 | | mg/kg | 50.0 | | 98.7 | 34.7-157 | | | |

LCS Dup (7081629-BSD1)

Prepared & Analyzed: 14-Aug-17

| | | | | | | | | | | |
|--------------------------------------|------|------|-------|------|--|------|----------|-------|------|--|
| GRO C6-C10 | 208 | 10.0 | mg/kg | 200 | | 104 | 76.6-119 | 1.84 | 7.94 | |
| DRO >C10-C28 | 209 | 10.0 | mg/kg | 200 | | 105 | 81.4-124 | 0.298 | 9.83 | |
| Total TPH C6-C28 | 417 | 10.0 | mg/kg | 400 | | 104 | 79.4-121 | 1.07 | 8.57 | |
| <i>Surrogate: 1-Chlorooctane</i> | 48.9 | | mg/kg | 50.0 | | 97.8 | 28.3-164 | | | |
| <i>Surrogate: 1-Chlorooctadecane</i> | 49.7 | | mg/kg | 50.0 | | 99.4 | 34.7-157 | | | |

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 17-Aug-17 11:49

Soluble (DI Water Extraction) - Quality Control
Green Analytical Laboratories

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B708132 - General Prep - Wet Chem
Blank (B708132-BLK1)

Prepared: 16-Aug-17 Analyzed: 17-Aug-17

| | | | | | | | | | | |
|----------|----|------|-----------|--|--|--|--|--|--|--|
| Chloride | ND | 10.0 | mg/kg wet | | | | | | | |
|----------|----|------|-----------|--|--|--|--|--|--|--|

LCS (B708132-BS1)

Prepared & Analyzed: 16-Aug-17

| | | | | | | | | | | |
|----------|-----|------|-----------|-----|--|------|--------|--|--|--|
| Chloride | 237 | 10.0 | mg/kg wet | 250 | | 95.0 | 85-115 | | | |
|----------|-----|------|-----------|-----|--|------|--------|--|--|--|

LCS Dup (B708132-BSD1)

Prepared & Analyzed: 16-Aug-17

| | | | | | | | | | | |
|----------|-----|------|-----------|-----|--|------|--------|-------|----|--|
| Chloride | 238 | 10.0 | mg/kg wet | 250 | | 95.3 | 85-115 | 0.366 | 20 | |
|----------|-----|------|-----------|-----|--|------|--------|-------|----|--|

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



August 21, 2017

BEN ARGUIJO

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: MERIT 32 DM ST. COM #1H

Enclosed are the results of analyses for samples received by the laboratory on 08/14/17 16:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-17-9. 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,

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241Project: MERIT 32 DM ST. COM #1H
Project Number: MEWBOURNE
Project Manager: BEN ARGUIJO
Fax To: NONEReported:
21-Aug-17 12:59

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|-----------------|-----------------|
| WALL #12B | H702146-01 | Soil | 14-Aug-17 15:40 | 14-Aug-17 16:40 |

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 21-Aug-17 12:59

WALL #12B
H702146-01 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Green Analytical Laboratories
Soluble (DI Water Extraction)

| | | | | | | | | | | |
|-----------------|------------|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 305 | | 10.0 | mg/kg wet | 10 | B708153 | JDA | 18-Aug-17 | EPA300.0 | |
|-----------------|------------|--|------|-----------|----|---------|-----|-----------|----------|--|

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TRINITY OILFIELD SERVICES & RENTALS, LLC
 P. O. BOX 2587
 HOBBS NM, 88241

 Project: MERIT 32 DM ST. COM #1H
 Project Number: MEWBOURNE
 Project Manager: BEN ARGUIJO
 Fax To: NONE

 Reported:
 21-Aug-17 12:59

Soluble (DI Water Extraction) - Quality Control
Green Analytical Laboratories

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--|--------|-----------------|-----------|-------------|---------------|------|-------------|-------|-----------|-------|
| Batch B708153 - General Prep - Wet Chem | | | | | | | | | | |
| Blank (B708153-BLK1) | | | | | | | | | | |
| Prepared & Analyzed: 18-Aug-17 | | | | | | | | | | |
| Chloride | ND | 10.0 | mg/kg wet | | | | | | | |
| LCS (B708153-BS1) | | | | | | | | | | |
| Prepared & Analyzed: 18-Aug-17 | | | | | | | | | | |
| Chloride | 241 | 10.0 | mg/kg wet | 250 | | 96.4 | 85-115 | | | |
| LCS Dup (B708153-BSD1) | | | | | | | | | | |
| Prepared & Analyzed: 18-Aug-17 | | | | | | | | | | |
| Chloride | 240 | 10.0 | mg/kg wet | 250 | | 96.0 | 85-115 | 0.441 | 20 | |

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Cardinal Laboratories

*=Accredited Analyte

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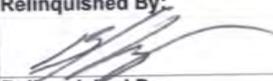
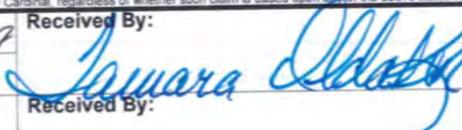
Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|-------------------|--|-----------------------------------|-------------|------------|----------|-------------------------|----------|---------|------------|------------|---------|----------------|--|-------------|--|----------|--|--|--|--|--|--|--|--|--|--|--|--|
| Company Name: <i>Trinity Oilfield Services</i> | | | | BILL TO | | | | ANALYSIS REQUEST | | | | | | | | | | | | | | | | | | | | | | |
| Project Manager: <i>Ben J. Arguiso</i> | | | | P.O. #: | | | | Chloride (500) | | | | | | | | | | | | | | | | | | | | | | |
| Address: | | | | Company: <i>Newbarne</i> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| City: <i>Hobbs</i> State: <i>NM</i> Zip: <i>88241</i> | | | | Attn: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Phone #: <i>(575) 393-7208</i> Fax #: | | | | Address: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project #: | | | | City: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Name: <i>Mer. + 30 DM St. Com #1 H</i> | | | | State: Zip: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Location: <i>Lea Co. NM</i> | | | | Phone #: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sampler Name: <i>Ben J. Arguiso</i> | | | | Fax #: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lab I.D. | | Sample I.D. | | (G/RAB OR (C)OMP. # CONTAINERS | MATRIX | | | | PRESERV. | | SAMPLING | | | | | | | | | | | | | | | | | | | |
| | | | | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | ACID/BASE: | ICE / COOL | OTHER : | DATE | | TIME | | | | | | | | | | | | | | |
| <i>H702148</i> | | <i>Well # 106</i> | | <i>1</i> | | | <i>X</i> | | | | <i>X</i> | | | <i>8/14/17</i> | | <i>1540</i> | | <i>X</i> | | | | | | | | | | | | |

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| | | | | | |
|--|--|--|---|--|----------------|
| Relinquished By:  | | Date: <i>8/14/17</i> | Received By:  | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Phone #: |
| Time: <i>1640</i> | | | | Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Fax #: |
| Relinquished By: | | Date: | Received By: | <i>* RUSH *</i> | |
| Time: | | | | | |
| Delivered By: (Circle One) <i>32.88</i> | | Sample Condition | CHECKED BY: (Initials) | <i>Brought directly to lab from field</i> | |
| Sampler - UPS - Bus - Other: <i>Corrected 3305</i> | | Cool <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <i>TJH</i> | | |

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326