

# *Basin Environmental Service Technologies, LLC*

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## **SAMPLING AND DELINEATION PLAN**

**CAMBRIAN MANAGEMENT, LTD/PERMIAN WATER SOLUTIONS LLC**  
**Kaiser State SWD**  
**Lea County, New Mexico**  
**Unit Letter "F" (SE/NW), Section 13, Township 21 South, Range 34 East**  
**Latitude 32.480938 North, Longitude -103.425227 West**  
**NMOCD Reference #: 1RP-3512, 1RP-3621, 1RP-4305, 1RP-4525, 1RP-4855, 1RP-4960,**  
**1RP- 5139, and 1RP-5149**

Prepared For:

Cambrian Management, Ltd/Permian Water Solutions LLC  
P.O. Box 272  
Midland, Texas 79702

Prepared By:

Basin Environmental Service Technologies, LLC  
3100 Plains Highway  
Lovington, New Mexico 88260

**August 2018**

**APPROVED**

**By Olivia Yu at 7:57 am, Aug 21, 2018**

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Robbie Runnels  
Project Manager

NMOCD approves of the proposed delineation plan for 1RPs 3512, 3621, 4305, 4525, 4855, 4960, 5139, 5149, and 5163. See email correspondence for clarifications and stipulations.

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## **1.0 INTRODUCTION**

Cambrian Management, Ltd/Permian Water Solutions LLC (Cambrian) has retained Basin Environmental Service Technologies (Basin) to address potential environmental concerns at the above-referenced site.

## **2.0 NMOCD SITE CLASSIFICATION**

The site is located approximately fifteen and one-half (15.5) miles northwest of Eunice, New Mexico at Unit Letter F of Section 13 in Township 21 South of Range 34 East. (See Figure 1) A search of the New Mexico Water Rights Reporting System (NMWRRS) database maintained by the New Mexico Office of the State Engineer (NMOSE) indicated three (3) water wells located near Section 13, Township 21 South, Range 34 East. NMOSE reports two water wells in Section 7, Township 21 South, Range 35 East with a depth-to-groundwater (DGW) being one-hundred sixty-five (165) feet below ground surface (bgs). One well located in the same section as the location had a well that went to depth of two-hundred thirty-five (235) feet, but the well did not encounter ground water. A search of the United States Geological Survey (USGS) website showed to have one water well in the specified location. The DGW of the water well was at just over one-hundred (100) feet bgs measured in 1986. In Section 23 with the same Township and Range, the USGS website shows a water well where water was encountered at over seven-hundred (700) feet. Utilizing the Water Incident Database (WAID), no more wells were found to be within a one-mile radius. It is believed that ground water may be encountered at a depth greater than one-hundred (100) feet below ground surface (bgs) (See Figure 2).

## **3.0 BACKGROUND INFORMATION**

On January 14<sup>th</sup>, 2015, Pyote Water Systems, LLC (previous operator) discovered a release of an estimated twenty (20) barrels (bbls) of produced water when a vacuum truck driver over-filled the sumps. An unknown amount of area was impacted. According to the initial Release Notification and Corrective Action form (C-141), all of the liquids were recovered. The New Mexico Oil Conservation Division (NMOCD) was notified of the release on January 14<sup>th</sup>, 2015. An initial Release Notification and Corrective Action form (C-141) was submitted to NMOCD on January 29<sup>th</sup>, 2015, for approval (1RP-3512).

On April 24<sup>th</sup>, 2015, Pyote Water Systems, LLC (previous operator) discovered a release of an estimated one-hundred (100) barrels (bbls) of produced water when a truck driver hit the load line sumps. An unknown amount of area was impacted. According to the C-141, all of the liquids were recovered. The NMOCD was notified of the release on April 24<sup>th</sup>, 2015. A C-141 was submitted to NMOCD on April 30<sup>th</sup>, 2015, for approval (1RP-3621).

On May 17<sup>th</sup>, 2016, Pyote Water Systems, LLC (previous operator) discovered a release of an estimated one-thousand fifty (1050) barrels (bbls) of produced water when lightning struck one of the load tanks. An unknown amount of area was impacted as two (2) bbls of liquid escaped the secondary containment. According to the C-141, all of the liquids were recovered. The NMOCD was notified of the release on May 17<sup>th</sup>, 2016. A C-141 was submitted to NMOCD on June 9<sup>th</sup>, 2016, for approval (1RP-4305).

On November 15<sup>th</sup>, 2016, Cambrian Management created a C-141 an unknown amount of produced water was leaked from the frac tanks being utilized for storage. The unknown expanse of area impacted started to the north of the battery and travelled to the southwest of the battery pad before stopping in the pasture. According to the C-141, none of the liquids were recovered. The NMOCD was notified of the release on November 23<sup>rd</sup>, 2016. A C-141 was submitted to NMOCD on November 23<sup>rd</sup>, 2016, for approval (1RP-4525).

On October 18<sup>th</sup>, 2017, Cambrian Management discovered a release of an estimated fifty (50) barrels (bbls) of produced water for an unknown reason. Approximately seven-thousand two-hundred (7,200) square feet (ft<sup>2</sup>) of pad area within the secondary containment was impacted. None of the fluids were recovered. A C-141 was submitted to NMOCD on October 27<sup>th</sup>, 2017, for approval (1RP-4855).

On January 31<sup>st</sup>, 2018, Cambrian Management discovered a release of an estimated twenty (20) barrels (bbls) of produced water when a seal on a pump failed. Approximately five-thousand (5,000) ft<sup>2</sup> of pad area within the secondary containment was impacted. An estimated ten (10) bbls of fluid was recovered. A C-141 was submitted to NMOCD on July 31<sup>st</sup>, 2018, for approval (1RP-4960).

On June 20<sup>th</sup>, 2018, Cambrian Management discovered a release of an estimated one-hundred fifty (150) barrels (bbls) of produced water when the nipple of the wellhead failed. An unknown amount of area was impacted. According to the C-141, all liquids were contained to the pad area. The C-141 states that all 150 bbls were recovered. A C-141 was submitted to NMOCD on July 31<sup>st</sup>, 2018, for approval (1RP-5139).

On August 6<sup>th</sup>, 2018, Cambrian Management discovered a release of an estimated two-hundred (200) barrels (bbls) of produced water when a valve failed due to electrical complications. According to the C-141, all released liquids were contained to the lined secondary containment. It is stated in the C-141 that all fluids were recovered. The NMOCD was notified of the release on August 6<sup>th</sup>, 2018. A C-141 was submitted to NMOCD on August 7<sup>th</sup>, 2018, for approval (1RP-4960).

Talon/LPE (Talon) were on site beginning September 18<sup>th</sup>, 2015, to begin sampling activities. Two discrete soil sample locations were established, and surface samples were retrieved. Neither surface soil sample exhibited a concentration of chlorides that warranted remediation.

After another release (1RP-3621) at the Kaiser State SWD, Talon was back on the location May 16<sup>th</sup>, 2016, to sample the previous two sample point locations. The sample points were both advanced vertically to a depth of fifteen (15) feet bgs. Analytical reports indicate that remediation may be necessary.

Trinity Oilfield Services & Rentals, LLC (Trinity) were contacted to address another leak (1RP-4855) that occurred within the secondary earthen containment area. Eleven (11) sample points were established within the boundary of the secondary earthen containment. The sample points were vertically advanced to a maximum depth of thirteen (13) feet bgs. Laboratory analyses of the

discrete soil samples retrieved indicate only SP-4 and SP-6 had been delineated at a depth of ten (10) feet. Further advancement of sample points (SP-1, SP-2, SP-3, SP-5, SP-7, SP-8, SP-9, SP-10, and SP-11) were required for the delineation of chlorides. All soil samples were analyzed in a NMOCD approved laboratory and indicated delineation had been achieved for Total Petroleum Hydrocarbons (TPH) as well as Benzene, Toluene, Ethyl-benzene, and Xylenes (BTEX) for all sample points.

#### **4.0 SAMPLING AND DELINEATION PLAN**

The perimeter of the impacted area of the pad will be sampled utilizing a hand auger/geo probe/backhoe/excavator/pneumatic drilling rig (when required) in approximate fifty (50) foot horizontal increments to establish the aerial extent of the impact (See *Proposed Sample Points*) from the multiple releases. Surface and 1' bgs samples will be retrieved and field screened for chloride concentration. In the instance that the field screens indicate the chloride concentration to be below the recommended remediation action level (RRAL) presumed to be 600 mg/kg, the sample point will be moved inward approximately five (5) feet and reestablished until the field screens indicate a chloride concentration of 600 mg/kg or greater at the 1' bgs level. The sample point will then be delineated to below 600 mg/kg and serve as the horizontal extent wall of the ensuing excavation. Discrete soil samples will be submitted to an NMOCD approved laboratory for confirmatory analysis.

In the event the perimeter samples have a chloride concentration greater than 600 mg/kg, the sample point will be established at the perimeter and delineated. During excavation, the excavated wall will be sampled to determine the horizontal extent of the impact.

In pursuant to the request made by the New Mexico State Land Office, each sample point will be vertically delineated to the point that the discrete soil sample is below the RRAL for all constituents of interest. An additional sample will be retrieved five (5) feet below the clean sample to ensure complete vertical delineation. If the 5' below sample is not below the RRAL for any constituent of interest, the delineation will continue until all constituents of interest are below the RRAL with a clean sample retrieved 5' below.

Sample points will be established in a grid-like fashion within the pad area. Each sample point will be delineated to below 600 mg/kg for chloride concentration, 50 mg/kg BTEX, and 5,000 mg/kg TPH. Confirmatory soil samples will be delivered to an NMOCD laboratory for analyses.

Sample points already established by Trinity within the secondary earthen embankment of the battery (SP-1, SP-2, SP-3, SP-5, SP-7, SP-8, SP-9, SP-10, and SP-11) will be delineated for chloride concentration utilizing the appropriate method. Because the initial sampling performed by Trinity showed delineation of the hydrocarbons of interest, TPH and BTEX will not be further analyzed within the secondary containment.

## 5.0 LIMITATIONS

Basin Environmental Service Technologies, LLC, has prepared this *Corrective Action and Sampling Plan* to the best of its ability. No other warranty, expressed or implied, is made or intended. Basin Environmental has examined and relied upon documents referenced in the report and on oral statements made by certain individuals. Basin Environmental has not conducted an independent examination of the facts contained in referenced materials and statements. Basin Environmental has presumed the genuineness of these documents and statements and that the information provided therein is true and accurate. Basin Environmental has prepared this report in a professional manner, using the degree of skill and care exercised by similar environmental consultants. Basin Environmental notes that the facts and conditions referenced in this report may change over time, and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

This report has been prepared for the benefit of Cambrian Management, Ltd. The information contained in this report, including all exhibits and attachments, may not be used by any other party without the express consent of Basin Environmental Service Technologies, LLC, and/or Cambrian Management, Ltd.

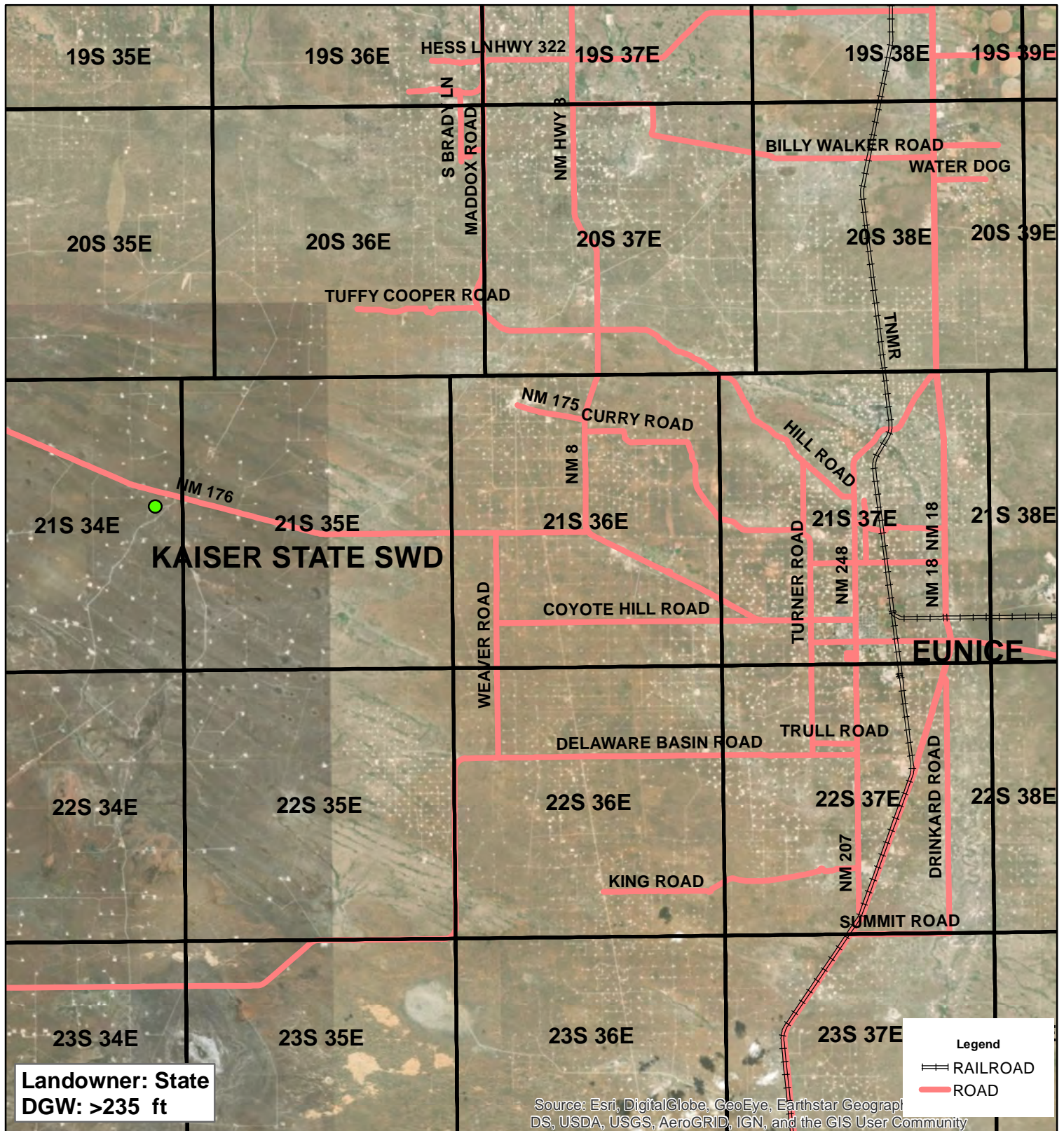
## **6.0 DISTRIBUTION:**

- Copy 1: Olivia Yu  
New Mexico Energy, Minerals and Natural Resources Department  
Oil Conservation Division (District 1)  
1625 N French Drive  
Hobbs, NM 88240
- Copy 2: Andrew Rickard  
Cambrian Management, Ltd  
415 W Wall Street  
Midland, TX 79701
- Copy 3: Basin Environmental Service Technologies, LLC  
P.O. Box 301  
Lovington, NM 88260
- Copy 4: James C. Corbitt  
Permian Water Solutions LLC  
415 W. Wall Street, Suite 320  
Midland, TX 79701

# FIGURES



# Geographic Location



## **CAMBRIAN KAISER STATE SWD**

**1R4855 & 1R4960**

**UL F SECTION 13  
T-21-S R-34-E  
LEA COUNTY, NM**

**GPS: 32.480938 -103.425227**

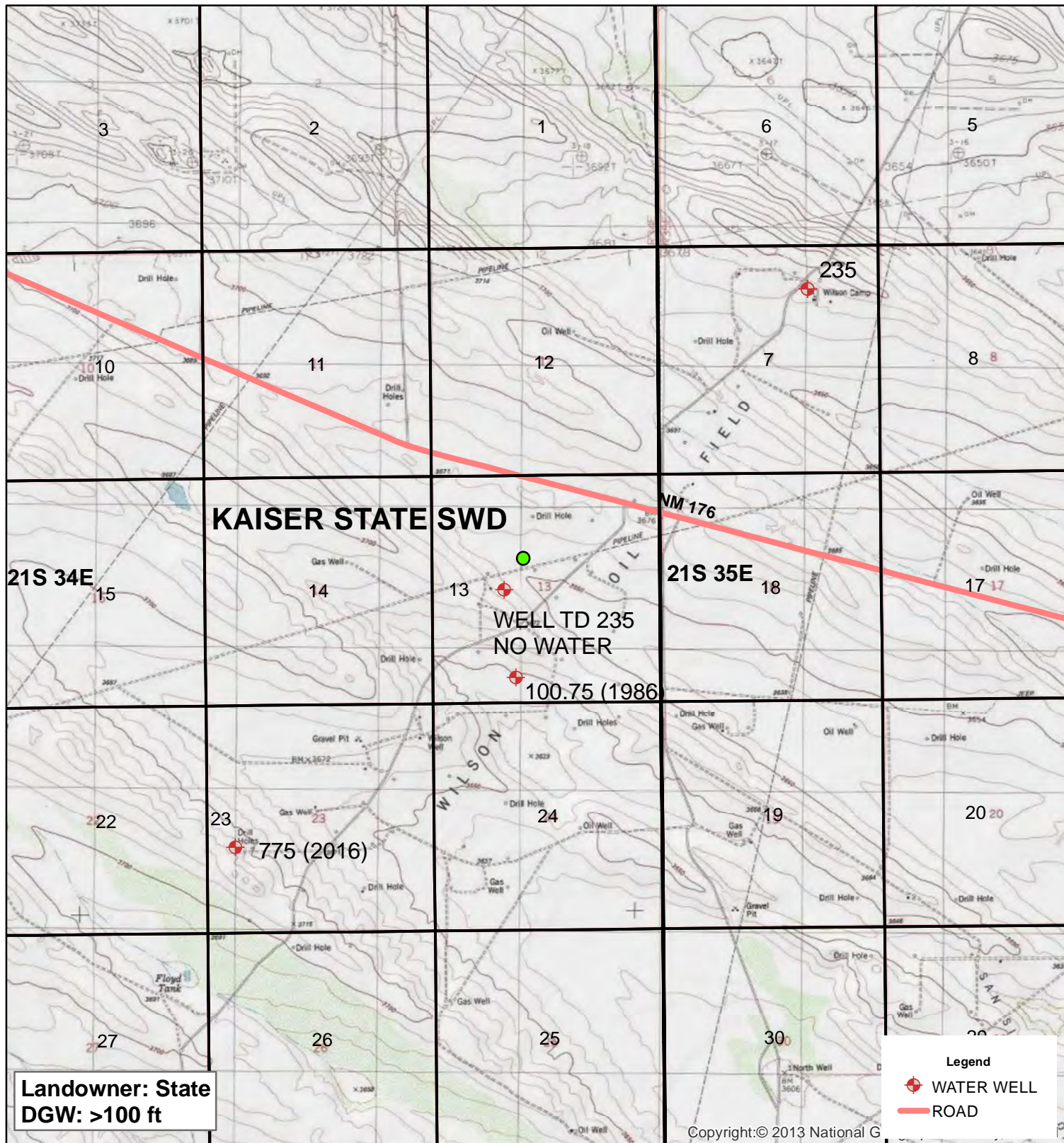
0 1 2  
HHH Miles

Drawing date: 7/30/18  
Drafted by: T. Grieco





# Depth to Groundwater



Landowner: State  
DGW: >100 ft

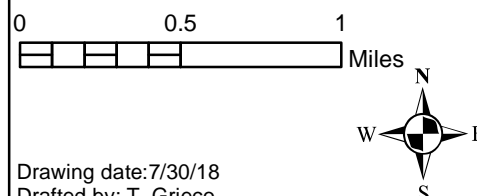


**CAMBRIAN**  
**KAISER STATE SWD**

1R4855 & 1R4960

UL F SECTION 13  
T-21-S R-34-E  
LEA COUNTY, NM

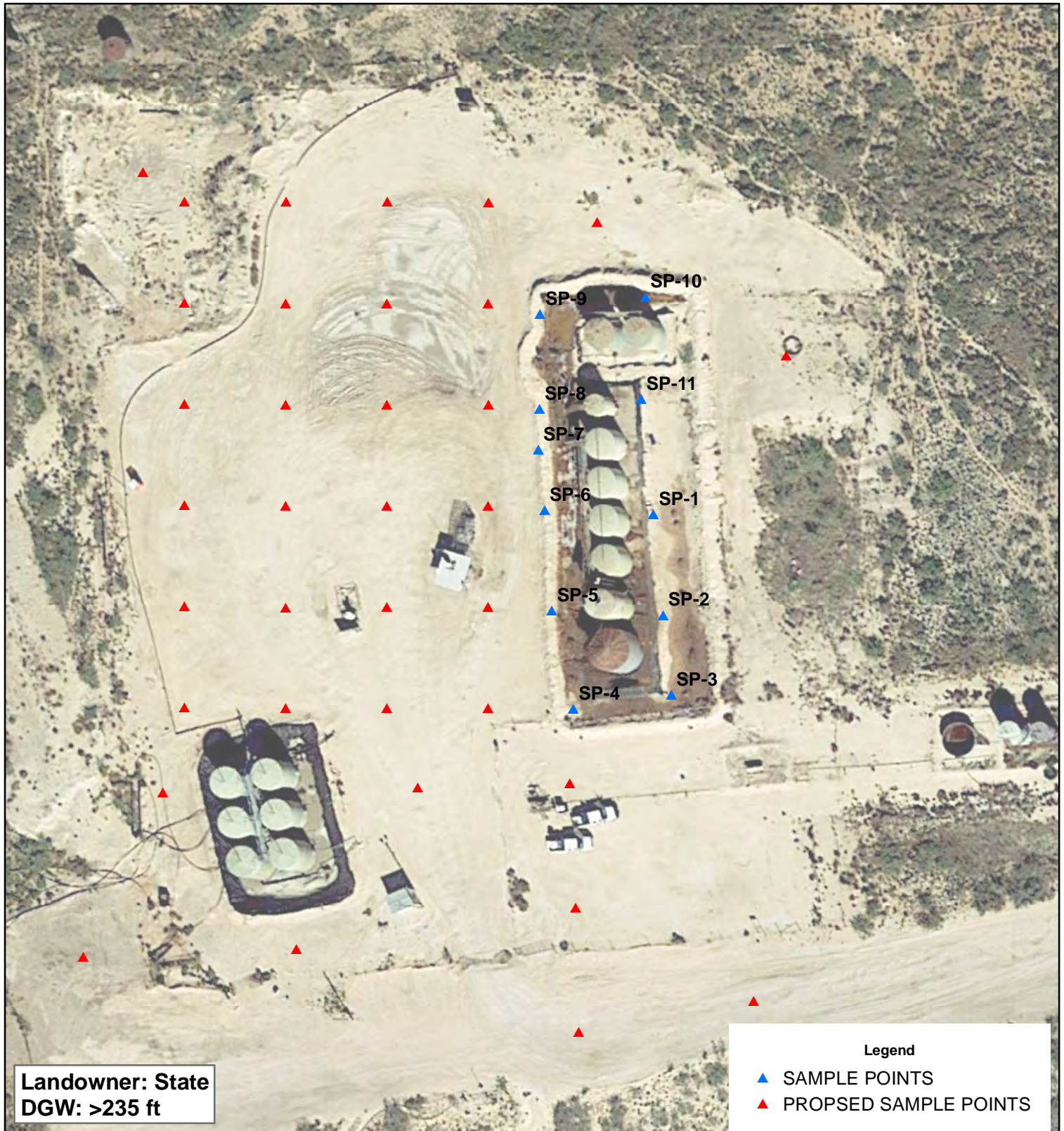
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Drawing date: 7/30/18  
Drafted by: T. Grieco



# Proposed Sampling



## **CAMBRIAN KAISER STATE SWD**

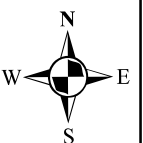
1R4855 & 1R4960

UL F SECTION 13  
T-21-S R-34-E  
LEA COUNTY, NM

GPS: 32.480938 -103.425227

0 25 50  
HHH Feet

Drawing date: 8/8/18  
Drafted by: T. Grieco



# TABLES

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

**CAMBRIAN MANAGEMENT**  
**KAISER STATE SWD**  
**LEA COUNTY, NEW MEXICO**  
**NMOCD REFERENCE #: 1RP-3512, 3621, 4305, 4525, 4855, 4960, 5139, 5149**

| SAMPLE LOCATION                                     | SAMPLE DEPTH (BGS) | SAMPLE DATE | SOIL STATUS | METHOD: EPA SW 846-8021B, 5030 |                 |                       |                       |                    | METHOD: 8015M                               |  |  |   | 300              |
|---|--------------------|-------------|-------------|--------------------------------|-----------------|-----------------------|-----------------------|--------------------|---|--|--|---|------------------|
|   |                    |             |             | BENZENE (mg/Kg)                | TOLUENE (mg/Kg) | ETHYL-BENZENE (mg/Kg) | TOTAL XYLENES (mg/Kg) | TOTAL BTEX (mg/Kg) | GRO C <sub>6</sub> -C <sub>12</sub> (mg/Kg) | DRO C <sub>12</sub> -C <sub>28</sub> (mg/Kg) | EXT DRO C <sub>28</sub> -C <sub>35</sub> (mg/Kg) | TPH C <sub>6</sub> -C <sub>35</sub> (mg/Kg) | CHLORIDE (mg/Kg) |
| NMOCD Recommended Remediation Action Levels (RRALs) |                    |             |             | 10                             | NE              | NE                    | NE                    | 50                 | NE  | NE   | NE   | 5,000                                       | 600              |
|   |                    |             |             |                                |                 |                       |                       |                    |   |  |  |   |                  |
| SP-4 @ 1'   | 1'                 | 2/6/2018    | In-Situ     | -                              | -               | -                     | -                     | -                  | 2,940                                       | 9,320  | 1,450  | 13,710                                      | 14,700           |
| SP-4 @ 2'   | 2'                 | 2/6/2018    | In-Situ     | 0.728                          | 9.66            | 5.42                  | 19.5                  | 35.3               | 164   | 595  | 72.8   | 832   | 12,900           |
| SP-4 @ 4'   | 4'                 | 2/6/2018    | In-Situ     | <0.050                         | 0.907           | 0.654                 | 3.12                  | 4.68               | 112   | 903  | 155  | 1,170                                       | 16,400           |
|   |                    |             |             |                                |                 |                       |                       |                    |   |  |  |   |                  |
| SP-5 @ 1'   | 1'                 | 2/6/2018    | In-Situ     | 3.47                           | 21.5            | 15.8                  | 48.9                  | 89.7               | 443   | 1,930  | 323  | 2,696                                       | 1,550            |
| SP-5 @ 3'   | 3'                 | 2/6/2018    | In-Situ     | 1.14                           | 3.11            | 5.69                  | 16.2                  | 26.1               | 75.7  | 348  | 41.1   | 465   | 852              |
| SP-5 @ 5'   | 5'                 | 2/6/2018    | In-Situ     | -                              | -               | -                     | -                     | -                  | 279   | 5,800  | 1,210  | 7,289                                       | 5,510            |
|   |                    |             |             |                                |                 |                       |                       |                    |   |  |  |   |                  |
| SP-1 @ 10'  | 10'                | 5/9/2018    | In-Situ     | <0.050                         | <0.050          | <0.050                | <0.150                | <0.300             | <10.0                                       | <10.0  | <10.0  | <10.0                                       | 2,300            |
| SP-1 @ 13'  | 13'                | 5/9/2018    | In-Situ     | <0.050                         | <0.050          | <0.050                | <0.150                | <0.300             | <10.0                                       | <10.0  | <10.0  | <10.0                                       | 1,410            |
|   |                    |             |             |                                |                 |                       |                       |                    |   |  |  |   |                  |
| SP-2 @ 8'   | 8'                 | 5/9/2018    | In-Situ     | <0.050                         | <0.050          | <0.050                | 0.167                 | 0.167              | <10.0                                       | <10.0  | <10.0  | <10.0                                       | 2,570            |
| SP-2 @ 13'  | 13'                | 5/9/2018    | In-Situ     | <0.050                         | <0.050          | <0.050                | <0.150                | <0.300             | <10.0                                       | 14.0   | <10.0  | 14.0  | 1,250            |
|   |                    |             |             |                                |                 |                       |                       |                    |   |  |  |   |                  |
| SP-3 @ 4'   | 4'                 | 5/9/2018    | In-Situ     | <0.050                         | 0.069           | <0.050                | 1.31                  | 1.37               | 14.6  | 292  | 23.8   | 330   | 1,310            |
| SP-3 @ 13'  | 13'                | 5/9/2018    | In-Situ     | <0.050                         | 0.085           | 0.280                 | 1.33                  | 1.70               | 19.2  | 496  | 69.4   | 585   | 2,250            |
|   |                    |             |             |                                |                 |                       |                       |                    |   |  |  |   |                  |
| SP-4 @ 2'   | 2'                 | 5/9/2018    | In-Situ     | <0.050                         | <0.050          | 0.061                 | 0.256                 | 0.317              | <10.0                                       | 42.1   | 30.2   | 72.3  | 3,570            |
| SP-4 @ 10'  | 10'                | 5/9/2018    | In-Situ     | <0.050                         | <0.050          | <0.050                | <0.150                | <0.300             | <10.0                                       | <10.0  | <10.0  | <10.0                                       | 347              |
|   |                    |             |             |                                |                 |                       |                       |                    |   |  |  |   |                  |
| SP-5 @ 1'   | 1'                 | 5/9/2018    | In-Situ     | <0.500                         | 2.47            | 3.30                  | 27.7                  | 33.5               | 1,220                                       | 11,900                                       | 1,570  | 14,690                                      | 4,670            |
| SP-5 @ 13'  | 13'                | 5/9/2018    | In-Situ     | <0.050                         | <0.050          | <0.050                | 0.426                 | 0.426              | <10.0                                       | 67.6   | <10.0  | 67.6  | 1,230            |
|   |                    |             |             |                                |                 |                       |                       |                    |   |  |  |   |                  |
| SP-6 @ 2'   | 2'                 | 5/9/2018    | In-Situ     | <0.200                         | 0.981           | 3.14                  | 13.4                  | 17.5               | 485   | 8,810  | 1,670  | 10,965                                      | 9,260            |
| SP-6 @ 10'  | 10'                | 5/9/2018    | In-Situ     | <0.050                         | <0.050          | <0.050                | 0.432                 | 0.432              | <10.0                                       | 113  | 14.7   | 128   | 492              |
|   |                    |             |             |                                |                 |                       |                       |                    |   |  |  |   |                  |
| SP-7 @ 6'   | 6'                 | 5/9/2018    | In-Situ     | <0.050                         | <0.050          | <0.050                | <0.150                | <0.300             | <10.0                                       | 20.8   | <10.0  | 20.8  | 5,870            |
| SP-7 @ 13'  | 13'                | 5/9/2018    | In-Situ     | <0.050                         | <0.050          | <0.050                | <0.150                | <0.300             | <10.0                                       | <10.0  | <10.0  | <10.0                                       | 2,800            |
|   |                    |             |             |                                |                 |                       |                       |                    |   |  |  |   |                  |
| SP-8 @ 4'   | 4'                 | 5/10/2018   | In-Situ     | <0.050                         | 0.105           | <0.050                | 1.51                  | 1.61               | 27.4  | 571  | 99.2   | 698   | 17,400           |
| SP-8 @ 13'  | 13'                | 5/10/2018   | In-Situ     | <0.050                         | 0.063           | 0.209                 | 0.968                 | 1.24               | 13.8  | 146  | 17.8   | 178   | 7,790            |
|   |                    |             |             |                                |                 |                       |                       |                    |   |  |  |   |                  |
| SP-9 @ 1'   | 1'                 | 5/10/2018   | In-Situ     | <0.200                         | 0.738           | 1.90                  | 7.28                  | 9.92               | 343   | 4,870  | 837  | 6,050                                       | 8,130            |

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

**CAMBRIAN MANAGEMENT**  
**KAISER STATE SWD**  
**LEA COUNTY, NEW MEXICO**  
**NMOCD REFERENCE #: 1RP-3512, 3621, 4305, 4525, 4855, 4960, 5139, 5149**

| SAMPLE LOCATION                                     | SAMPLE DEPTH (BGS) | SAMPLE DATE | SOIL STATUS | METHOD: EPA SW 846-8021B, 5030 |                 |                       |                       |                    | METHOD: 8015M                               |  |  |   | 300              |
|---|--------------------|-------------|-------------|--------------------------------|-----------------|-----------------------|-----------------------|--------------------|---|--|--|---|------------------|
|   |                    |             |             | BENZENE (mg/Kg)                | TOLUENE (mg/Kg) | ETHYL-BENZENE (mg/Kg) | TOTAL XYLENES (mg/Kg) | TOTAL BTEX (mg/Kg) | GRO C <sub>6</sub> -C <sub>12</sub> (mg/Kg) | DRO C <sub>12</sub> -C <sub>28</sub> (mg/Kg) | EXT DRO C <sub>28</sub> -C <sub>35</sub> (mg/Kg) | TPH C <sub>6</sub> -C <sub>35</sub> (mg/Kg) | CHLORIDE (mg/Kg) |
| NMOCD Recommended Remediation Action Levels (RRALs) |                    |             |             | 10                             | NE              | NE                    | NE                    | 50                 | NE  | NE   | NE   | 5,000                                       | 600              |
|   |                    |             |             |                                |                 |                       |                       |                    |   |  |  |   |                  |
| SP-9 @ 13'  | 13'                | 5/10/2018   | In-Situ     | <0.050                         | <0.050          | <0.050                | <0.150                | <0.300             | <10.0                                       | 31.4   | <10.0  | 31.4  | 791              |
|   |                    |             |             |                                |                 |                       |                       |                    |   |  |  |   |                  |
| SP-10 @ 1'  | 1'                 | 5/10/2018   | In-Situ     | <0.200                         | 1.25            | 3.72                  | 15.7                  | 20.7               | 567   | 4,890  | 719  | 6,176                                       | 8,610            |
| SP-10 @ 13'   | 13'                | 5/10/2018   | In-Situ     | <0.050                         | <0.050          | <0.050                | <0.150                | <0.300             | <10.0                                       | 85.8   | 11.4   | 97.2  | 1,080            |
|   |                    |             |             |                                |                 |                       |                       |                    |   |  |  |   |                  |
| SP-11 @ 2'  | 2'                 | 5/9/2018    | In-Situ     | <0.050                         | <0.050          | 0.077                 | 0.447                 | 0.524              | <10.0                                       | 142  | 72.7   | 215   | 1,920            |
| SP-11 @ 13'   | 13'                | 5/9/2018    | In-Situ     | <0.050                         | <0.050          | <0.050                | <0.150                | <0.300             | <10.0                                       | <10.0  | <10.0  | <10.0                                       | 817              |
|   |                    |             |             |                                |                 |                       |                       |                    |   |  |  |   |                  |

NE = Not established

- = Not analyzed

Concentrations in BOLD exceed NMOCD RRALs

# APPENDICES

# APPENDIX – A

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

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

Form C-141  
Revised August 8, 2011

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 | Pyote Water Systems, LLC          | Contact       | Jerry Burton Operations Manager for NM |
| Address         | 400 W Illinois STE 950 Midland TX | Telephone No. | 432-448-4917                           |
| Facility Name   |                                   | Facility Type | Production Water                       |
| Surface Owner   | Pyote Water Systems, LLC          | Mineral Owner | Pyote                                  |
|                 |                                   | API No.       | 30-025-02538                           |

### LOCATION OF RELEASE

|             |         |          |       |               |                  |               |                |            |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|------------|
| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County     |
| F           | 13      | 25       | 34    | 10 ft         | N/S              |               |                | LEA COUNTY |

Latitude 32.4808551534055 Longitude -103.425630765566

### NATURE OF RELEASE

|                             |   |   |                    |                            |         |
|-----------------------------|---|---|--------------------|----------------------------|---------|
| Type of Release             | 20 bbls production water  | Volume of Release                         | 20 bbls            | Volume Recovered           | 20 bbls |
| Source of Release           | Vac truck   | Date and Hour of Occurrence               | 1/14/15            | Date and Hour of Discovery | 1/14/15 |
| Was Immediate Notice Given? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom?                          | Jerry Burton NM OM |                            |         |
| By Whom?                    | Jerry Burton  | Date and Hour                             |                    |                            |         |
| Was a Watercourse Reached?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                       | If YES, Volume Impacting the Watercourse. | none               |                            |         |

If a Watercourse was Impacted, Describe Fully.\*


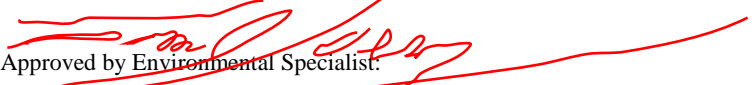
none

Describe Cause of Problem and Remedial Action Taken.\*

Vac truck over filled the sumps~/ he failed to suck it out when they are instructed to do on each load. It is posted as well, at the sign in ticket area also

Describe Area Affected and Cleanup Action Taken.\* The clean up area or remediation took place on 1/16/15, cleaned up the area with backhoe, brought in caliche and the remediation is done. Load lines 3&4 been shut down for about 4 months, the access water is from all the rain back n September and October, than the snow we have had since than. Has not been dry enough to work on those lines. DUE TO MOTHER NATURE we have had a company go out several times to do this for loads line 3 & 4

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:  |  |  |                  |
| Printed Name:   | Jerry Burton  |  |                  |
| Title:  | Operations Manager for NM   |  |                  |
| E-mail Address:   | audra@pyotewatersystems.com   |  |                  |
| Date:   | 1-23-15   | Phone:   | 432-448-4917     |
| OIL CONSERVATION DIVISION   |   |  |                  |
| Approved by Environmental Specialist:                               |   |  |                  |
| Approval Date:  |   | 1/29/15  | Expiration Date: |
| Conditions of Approval:   |   | 3/29/15  |                  |
| Attached <input type="checkbox"/>                                   |   | 1RP-3512   |                  |
| Site samples required. Deliniate and remediate as per NMOCD guides. |   |  |                  |
| Submit final C-141 by 3   |   |  |                  |

\* Attach Additional Sheets If Necessary

294873  
nTO1502927174  
pTO1502927423

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

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

Form C-141  
Revised August 8, 2011

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

**Release Notification and Corrective Action**

**OPERATOR**

☒ **Initial Report** ☐ **Final Report**

|   |  |
|---|--|
| <b>Name of Company</b> PYOTE WATER SYSTEMS, LLC | <b>Contact</b> Jerry Burton NM Operations Manager        |
| <b>Address</b> 400 W. Illinois Ste 900          | <b>Telephone No.</b> 432.448.4917 or 432.448.5323(Audra) |
| <b>Facility Name</b> Kaiser SWD                 | <b>Facility Type</b> SWD- production water DIDPOSAL      |

|   |   |                             |
|---|---|-----------------------------|
| <b>Surface Owner</b> Pyote Water Systems, LLC | <b>Mineral Owner</b> Pyote Water Systems, LLC | <b>API No.</b> 30-025-02538 |
|---|---|-----------------------------|

**LOCATION OF RELEASE**

|                         |                      |                       |                    |                                |                         |                      |                              |                          |
|-------------------------|----------------------|-----------------------|--------------------|--------------------------------|-------------------------|----------------------|------------------------------|--------------------------|
| <b>Unit Letter</b><br>F | <b>Section</b><br>13 | <b>Township</b><br>21 | <b>Range</b><br>34 | <b>Feet from the</b><br>125 ft | <b>North/South Line</b> | <b>Feet from the</b> | <b>East/West Line</b><br>E/W | <b>County</b> Lea COUNTY |
|-------------------------|----------------------|-----------------------|--------------------|--------------------------------|-------------------------|----------------------|------------------------------|--------------------------|

**Latitude** \_\_\_\_\_ **Longitude** \_\_\_\_\_

**NATURE OF RELEASE**

|   |  |  |
|---|--|--|
| <b>Type of Release;</b> production water  | <b>Volume of Release</b> 100BBLs                 | <b>Volume Recovered</b> 100 BBLs                     |
| <b>Source of Release</b><br>Vac truck (unknown due to no camera's) hit load line 3  | <b>Date and Hour of Occurrence</b><br>4/24/2015  | <b>Date and Hour of Discovery</b><br>4/24/15 2:35 am |
| <b>Was Immediate Notice Given</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | <b>If YES, To Whom?</b> Jerry Burton             |  |
| <b>By Whom?</b> Unknown driver (575)-390-3836   | <b>Date and HOUR;</b> 4/24/2015 2:35 am          |  |
| <b>Was a Watercourse Reached?</b><br><input type="checkbox"/> Yes *** No***   | <b>If YES, Volume Impacting the Watercourse.</b> |  |

**If a Watercourse was Impacted, Describe Fully.\***

**RECEIVED**

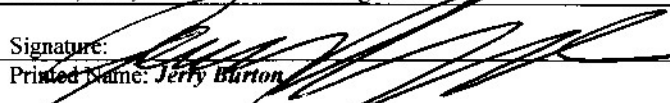

By OCD District 1 at 11:10 am, Apr 30, 2015

**Describe Cause of Problem and Remedial Action Taken.\*** unknown truck driver hit load line 3 caused a spill. We had an anonymous driver call us at 2:35 am (575)390-3836 in the morning, upon his arrival he noticed a large amount of water on the pad at the location, than noticed line 3 was had been hit. He did not see this happen at the Kaiser

**Describe Area Affected and Cleanup Action Taken.\***

Area affected was the pad only at the location. Jerry and his pumper Kenny repaired damages themselves, remedial work done by L&J services (backhoe) 2 vac trucks one from Big Buck Services and one from BT Services

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.

|  |   |   |
|--|---|---|
| <b>Signature:</b><br><br><b>Printed Name:</b> Jerry Burton | <b>OIL CONSERVATION DIVISION</b>  |   |
| <b>Title:</b> NM Operations Manager for Pyote Water systems, LLC   | <b>Approved by Environmental Specialist:</b>                 |   |
| <b>E-mail Address:</b><br>jerry@pyotewatersystems.com or audra@pyotewatersystems.com   | <b>Approval Date:</b> 04/30/2015  | <b>Expiration Date:</b> 07/30/2015                          |
| <b>Date:</b> 4/26/15 <b>Phone:</b> 432.448.4917  | <b>Conditions of Approval:</b><br>Site samples required. Delineate and remediate as per MNOCD guides. Geotag photographs of remediation required. | <b>Attached</b> <input type="checkbox"/> 294873<br>IRP 3621 |

\* Attach Additional Sheets If Necessary

pKJ1512042374  
nKJ1512041707

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

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

**RECEIVED**

By JKeyes at 7:43 am, Jun 09, 2016

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 | Pyote Water Systems, LLC                | Contact       | Jerry Burton     |
| Address         | 400 W Illinois Ste 900 MIDLAND TX 79701 | Telephone No. | 432-448-4917     |
| Facility Name   | Kaiser Swd                              | Facility Type | production Water |
| Surface Owner   | STATE                                   | Mineral Owner | STATE            |
|                 |   | API No.       | 30-025-02538     |

### LOCATION OF RELEASE

|             |         |          |                       |               |                  |               |                |            |
|-------------|---------|----------|-----------------------|---------------|------------------|---------------|----------------|------------|
| Unit Letter | Section | Township | Range                 | Feet from the | North/South Line | Feet from the | East/West Line | County     |
| F           | 13      | 21s      | <del>24s</del><br>34E |               |                  |               |                | LEA COUNTY |

Latitude 32.4808578- Longitude 103.4256592 nad 83

### NATURE OF RELEASE

|                             |   |  |           |                            |           |
|-----------------------------|---|--|-----------|----------------------------|-----------|
| Type of Release             | lightning struck load tanks while driver was unloading  | Volume of Release  | 1050 BBLS | Volume Recovered           | 1050 bbls |
| Source of Release           | production water  | Date and Hour of Occurrence                              | 5-17-16   | Date and Hour of Discovery | 4 PM      |
| Was Immediate Notice Given? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom?<br>JERRY BURTON via telephone by driver |           |                            |           |
| By Whom?                    | UNKNOWN DRIVER  | Date and Hour 5/17/16 4PM                                |           |                            |           |
| Was a Watercourse Reached?  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                       | If YES, Volume Impacting the Watercourse.<br>1050 BLS    |           |                            |           |

If a Watercourse was Impacted, Describe Fully.\*

fire melted parts of the liner, water got under the liner

Describe Cause of Problem and Remedial Action Taken.\*

lightning hit load tanks and burned 6 500 bbl tanks less than 2 bbls breeched containment. called vac truck out to empty containment after the fire dept put out the fire .

Describe Area Affected and Cleanup Action Taken.\*

load side containment have clean up crew cleaning up and disposing of old tanks and cat walk to sundown

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: <i>Jerry Burton</i>              |  | OIL CONSERVATION DIVISION                                |   |
| Printed Name: Jerry Burton                  |  | Approved by Environmental Specialist: <i>Jamie Keyes</i> |   |
| Title: NM Operations Mgr                    | Approval Date: 06/09/2016  | Expiration Date: 08/09/2016                              |   |
| E-mail Address: jerry@pyotewatersystems.com | Conditions of Approval:<br>Discrete samples only. Delineate and remediate<br>per NMOCD guidelines. |  | Attached <input type="checkbox"/><br>1RP 4305 |
| Date: 5-18-2016                             | Phone: 4324484917  |  |   |

\* Attach Additional Sheets If Necessary

nJXK1616127644  
pJXK1616127747



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

Form C-141  
Revised August 8, 2011

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: Cambrian Management, LTD. | Contact: Mike Anthony      |
| Address: 415 W. Wall St. Suite 900         | Telephone No. 432-631-4398 |
| Facility Name: Kaiser SWD #9               | Facility Type: SWD         |

|                      |                      |                      |
|----------------------|----------------------|----------------------|
| Surface Owner: State | Mineral Owner: State | API No. 30-025-02538 |
|----------------------|----------------------|----------------------|

**LOCATION OF RELEASE**

|                  |               |                 |              |                       |                           |                       |                        |               |
|------------------|---------------|-----------------|--------------|-----------------------|---------------------------|-----------------------|------------------------|---------------|
| Unit Letter<br>F | Section<br>13 | Township<br>21S | Range<br>34E | Feet from the<br>1980 | North/South Line<br>North | Feet from the<br>1980 | East/West Line<br>West | County<br>Lea |
|------------------|---------------|-----------------|--------------|-----------------------|---------------------------|-----------------------|------------------------|---------------|

Latitude 32.4808578 Longitude -103.4256592

**NATURE OF RELEASE**

|  |   |                             |
|--|---|-----------------------------|
| Type of Release: Produced Water  | Volume of Release: Unknown                | Volume Recovered: 0         |
| Source of Release: Frac tanks  | Date and Hour of Occurrence:              | Date and Hour of Discovery: |
| Was Immediate Notice Given?<br><input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required | If YES, To Whom?                          |                             |
| By Whom?   | Date and Hour:                            |                             |
| Was a Watercourse Reached?<br><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.\*

Due to a lightning strike on the tank battery fluid was transferred into temporary frac tanks to continue operations during reconstruction. The frac tanks leaked resulting in the release of an unknown quantity of fluid. The frac tanks have been removed from the location.

Describe Area Affected and Cleanup Action Taken.\*

The frac tanks were set on the north side of the affected battery. The fluid from the leak flowed south around the battery berm and continued south-southwest into the pasture. Soil samples will be taken in preparation for a remediation work plan.

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.

**OIL CONSERVATION DIVISION**

|   |  |                                   |
|---|--|-----------------------------------|
| Signature: <i>Mike Anthony</i>            | Approved by Environmental Specialist: <i>Kristen Lynch</i> |                                   |
| Printed Name: Mike Anthony                |  |                                   |
| Title: Field Operations Superintendent    | Approval Date: 11/23/2016                                  | Expiration Date: 01/23/2017       |
| E-mail Address: manthony@cambrianmgmt.com | Conditions of Approval:                                    | Attached <input type="checkbox"/> |
| Date: 11/15/16 Phone: 432-631-4398        | Please see attached Directive                              | 1RP 4525                          |

\* Attach Additional Sheets If Necessary

nKL1632848695  
pKL1632848917



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

Form C-141  
Revised April 3, 2017

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

### Release Notification and Corrective Action

#### OPERATOR

☒ Initial Report ☐ Final Report

|   |                                   |
|---|-----------------------------------|
| Name of Company Cambrian Management, Ltd. | Contact Mike Anthony              |
| Address P.O. Box 272, Midland, TX 79702   | Telephone No. (432)631-4398       |
| Facility Name Kaiser State SWD            | Facility Type Salt Water Disposal |

|                     |                     |                      |
|---------------------|---------------------|----------------------|
| Surface Owner State | Mineral Owner State | API No. 30-025-02538 |
|---------------------|---------------------|----------------------|

#### LOCATION OF RELEASE

|                  |               |                 |              |               |                  |               |                |               |
|------------------|---------------|-----------------|--------------|---------------|------------------|---------------|----------------|---------------|
| Unit Letter<br>F | Section<br>13 | Township<br>21S | Range<br>34E | Feet from the | North/South Line | Feet from the | East/West Line | County<br>Lea |
|------------------|---------------|-----------------|--------------|---------------|------------------|---------------|----------------|---------------|

Latitude 32.48008578 Longitude -103.4256592 NAD83

#### NATURE OF RELEASE

|  |   |  |
|--|---|--|
| Type of Release<br>Produced Water & Crude Oil  | Volume of Release<br>50 bbls              | Volume Recovered<br>0 bbls                         |
| Source of Release<br>Unknown   | Date and Hour of Occurrence<br>Unknown    | Date and Hour of Discovery<br>10/18/2017, 12:35 PM |
| Was Immediate Notice Given?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom?<br>N/A                   |  |
| By Whom?<br>N/A  | Date and Hour<br>N/A                      |  |
| Was a Watercourse Reached?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  | If YES, Volume Impacting the Watercourse. |  |

**RECEIVED**

By Olivia Yu at 4:17 pm, Oct 27, 2017

If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\*

The cause of the release is undetermined and is currently under investigation. No remedial action has been taken at this point.

Describe Area Affected and Cleanup Action Taken.\*

The release was confined to the primary and secondary earthen containment berms surrounding the SWD battery. The affected area inside the berms measured approximately 7,200 sq. ft. Remediation of the impacted area will be conducted in accordance with NMOCD and NMSLO guidelines.

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: <i>Denise Jones</i><br>Printed Name: Todd Roberson (as agent of Cambrian Mgmt.) | OIL CONSERVATION DIVISION                       |  |
| Title: Owner   | Approved by Environmental Specialist: <i>gy</i> | Approval Date: 10/27/2017 Expiration Date:   |
| E-mail Address: todd@trinityoilfieldservices.com   | Conditions of Approval: see attached directive  | Attached <input checked="" type="checkbox"/> |
| Date: 10/23/2017 Phone: (575) 631-3129   |   |  |

\* Attach Additional Sheets If Necessary

1RP-4855

nOY1730058924

pOY1730059151

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

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

Form C-141  
Revised April 3, 2017

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

### Release Notification and Corrective Action

#### OPERATOR

☒ Initial Report ☐ Final Report

|                 |                                 |               |                     |
|-----------------|---------------------------------|---------------|---------------------|
| Name of Company | Cambrian Management, Ltd.       | Contact       | Mike Anthony        |
| Address         | P.O. Box 272, Midland, TX 79702 | Telephone No. | (432)631-4398       |
| Facility Name   | Kaiser State SWD                | Facility Type | Salt Water Disposal |
| Surface Owner   | State                           | Mineral Owner | State               |
|                 |                                 | API No.       | 30-025-02538        |

#### LOCATION OF RELEASE

|             |         |          |       |               |                  |               |                |        |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|--------|
| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
| F           | 13      | 21S      | 34E   |               |                  |               |                | Lea    |

Latitude 32.48008578 Longitude -103.4256592 NAD83

#### NATURE OF RELEASE

|                             |   |   |         |                            |                     |
|-----------------------------|---|---|---------|----------------------------|---------------------|
| Type of Release             | Produced Water  | Volume of Release                         | 20 bbls | Volume Recovered           | 10 bbls             |
| Source of Release           | Seal on pump  | Date and Hour of Occurrence               | Unknown | Date and Hour of Discovery | 1/31/2018, 10:00 AM |
| Was Immediate Notice Given? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom?                          | N/A     |                            |                     |
| By Whom?                    | N/A   | Date and Hour                             | N/A     |                            |                     |
| Was a Watercourse Reached?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                       | If YES, Volume Impacting the Watercourse. | N/A     |                            |                     |

**RECEIVED**  
**By Olivia Yu at 9:34 am, Feb 07, 2018**

If a Watercourse was Impacted, Describe Fully.\*



Describe Cause of Problem and Remedial Action Taken.\*

The seal on a pump failed. A vacuum truck was utilized to recover free-standing liquid. The seal was repaired during initial response activities.

Describe Area Affected and Cleanup Action Taken.\*

The release was confined to the primary and secondary earthen containment berms surrounding the SWD battery. The affected area inside the berms measured approximately 5,000 sq. ft. The release commingled with an area that had been affected by a release on 10/18/2017 (see 1RP-4855). Remediation of the impacted area will be conducted in accordance with NMOCD and NMSLO guidelines.

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: Denise Jones   |                       | Approved by Environmental Specialist:  |  |
| Title: Regulatory Analyst  |                       | Approval Date: 2/7/2018   | Expiration Date:                             |
| E-mail Address: djones@cambrianmgmt.com  |                       | Conditions of Approval:   | Attached <input checked="" type="checkbox"/> |
| Date: 2/6/18   | Phone: (432) 620-9181 | see attached directive  |  |

\* Attach Additional Sheets If Necessary

1RP-4960

nOY1803834027

pOY1803834550

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

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

Form C-141  
Revised April 3, 2017

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

## Release Notification and Corrective Action

### OPERATOR

☐ Initial Report ☐ Final Report

|   |                            |
|---|----------------------------|
| Name of Company Cambrian Management, Ltd. | Contact Mike Anthony       |
| Address PO Box 272, Midland TX 79702      | Telephone No. 432-631-4398 |
| Facility Name Kaiser State SWD            | Facility Type SWD          |
|   |                            |

|                     |                     |                      |
|---------------------|---------------------|----------------------|
| Surface Owner State | Mineral Owner State | API No. 30-025-02538 |
|---------------------|---------------------|----------------------|

### LOCATION OF RELEASE

|             |         |          |       |               |                  |               |                |        |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|--------|
| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
| F           | 13      | 21S      | 34E   |               |                  |               |                | Lea    |
|             |         |          |       |               |                  |               |                |        |

Latitude **32.4808578** Longitude **-103.4256592** NAD83

### NATURE OF RELEASE

|  |   |   |
|--|---|---|
| Type of Release Produced Water   | Volume of Release 150 bbls                | Volume Recovered 150 bbls                     |
| Source of Release Wellhead   | Date and Hour of Occurrence 06/20/2018    | Date and Hour of Discovery 06/20/2018 10:00AM |
| Was Immediate Notice Given?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom?                          |   |
| By Whom?   | Date and Hour                             |   |
| Was a Watercourse Reached?<br><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.\*

Nipple on wellhead broke off – nipple was replaced

Describe Area Affected and Cleanup Action Taken.\*

All water was contained to the caliche pad. All water was picked up. This was on top of a previous spill that was already reported and is in the process to be remediated.

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:   | <b>OIL CONSERVATION DIVISION</b>                         |  |
| Printed Name: Denise Jones   | Approved by Environmental Specialist: <i>EDT</i>         |  |
| Title: Regulatory Analyst  | Approval Date: <b>7/31/2018</b>                          | Expiration Date:                             |
| E-mail Address: <a href="mailto:djones@cambrianmgmt.com">djones@cambrianmgmt.com</a> | Conditions of Approval:<br><b>See attached directive</b> | Attached <input checked="" type="checkbox"/> |
| Date: 06/21/2018 Phone:  |  |  |

**1RP-5139**

**nCH1821239639**

**pCH1821239860**



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

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

Form C-141  
Revised April 3, 2017

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

**Release Notification and Corrective Action**

**OPERATOR**

☒ Initial Report ☐ Final Report

|                 |                               |               |              |
|-----------------|-------------------------------|---------------|--------------|
| Name of Company | Cambrian Management, Ltd      | Contact       | Andy Rickard |
| Address         | PO Box 272, Midland, TX 79702 | Telephone No. | 432-620-9181 |
| Facility Name   | Kaiser State SWD              | Facility Type | SWD          |

|               |       |               |       |         |              |
|---------------|-------|---------------|-------|---------|--------------|
| Surface Owner | State | Mineral Owner | State | API No. | 30-025-02538 |
|---------------|-------|---------------|-------|---------|--------------|

**LOCATION OF RELEASE**

|             |         |          |       |               |                  |               |                |        |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|--------|
| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
| F           | 13      | 21S      | 34E   | 1980          | North            | 1980          | West           | Lea    |

Latitude 32.480938 N Longitude -103.425227 NAD83

**NATURE OF RELEASE**

|   |   |   |
|---|---|---|
| Type of Release Produced Water  | Volume of Release 200 Bbls                | Volume Recovered 200 Bbls                     |
| Source of Release Valve   | Date and Hour of Occurrence 08/06/2018    | Date and Hour of Discovery 08/06/2018 10:00AM |
| Was Immediate Notice Given?<br><div>X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required</div> | If YES, To Whom?<br>Christina Hernandez   |   |
| By Whom? Denise Jones   | Date and Hour 08/06/2018 3:25 PM          |   |
| Was a Watercourse Reached?<br><div><input type="checkbox"/> Yes X No</div>  | If YES, Volume Impacting the Watercourse. |   |

If a Watercourse was Impacted, Describe Fully.\*

**RECEIVED**

By Olivia Yu at 1:48 pm, Aug 07, 2018

Describe Cause of Problem and Remedial Action Taken.\*



Valve Malfunction/Power Failure

Sometimes when the transfer pump comes on while the injection pump is on, a fuse blows on high current. We are having an electrician look at turning up the voltage at the transformers to lower peak current.

Describe Area Affected and Cleanup Action Taken.\*

Only the area inside the berm which is lined with plastic was affected. All water was vacuumed up.

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:  |                     | <b>OIL CONSERVATION DIVISION</b>  |                                   |
| Printed Name: Denise Jones   |                     | Approved by Environmental Specialist:    |                                   |
| Title: Regulatory Analyst  |                     | Approval Date: 8/7/2018   | Expiration Date:                  |
| E-mail Address: djones@cambrianmgmt.com  |                     | Conditions of Approval:   | Attached <input type="checkbox"/> |
| Date: 08/06/2018   | Phone: 432-620-9181 | 1) Please inspect liner in question. Provide NMOCD with a concise report of the inspection with affirmation the liner has and will continue to contain liquids.<br>2) At least one photo must demonstrate the entire facility is lined. |                                   |

\* Attach Additional Sheets If Necessary

nOY1821950108

pOY1821950272

1RP-5149



# APPENDIX – B

## Analytical Reports



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

---

February 15, 2018

BEN ARGUIJO

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: KAISER STATE SWD

Enclosed are the results of analyses for samples received by the laboratory on 02/06/18 15:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-17-10. 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](http://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



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

**Analytical Results For:**

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

Project: KAISER STATE SWD  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONE

Reported:  
15-Feb-18 11:34

| Sample ID   | Laboratory ID | Matrix | Date Sampled    | Date Received   |
|-------------|---------------|--------|-----------------|-----------------|
| SP - 4 @ 1' | H800379-01    | Soil   | 06-Feb-18 09:40 | 06-Feb-18 15:45 |
| SP - 4 @ 2' | H800379-02    | Soil   | 06-Feb-18 09:55 | 06-Feb-18 15:45 |
| SP - 4 @ 4' | H800379-03    | Soil   | 06-Feb-18 10:23 | 06-Feb-18 15:45 |
| SP - 5 @ 1' | H800379-04    | Soil   | 06-Feb-18 10:45 | 06-Feb-18 15:45 |
| SP - 5 @ 3' | H800379-05    | Soil   | 06-Feb-18 11:03 | 06-Feb-18 15:45 |
| SP - 5 @ 5' | H800379-06    | Soil   | 06-Feb-18 11:17 | 06-Feb-18 15:45 |

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: KAISER STATE SWD  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONE

Reported:  
15-Feb-18 11:34

**SP - 4 @ 1'**  
**H800379-01 (Soil)**

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

**Cardinal Laboratories**
**Petroleum Hydrocarbons by GC FID**
**S-06**

|                                      |             |  |       |          |   |         |    |           |       |  |
|--------------------------------------|-------------|--|-------|----------|---|---------|----|-----------|-------|--|
| <b>GRO C6-C10*</b>                   | <b>2940</b> |  | 50.0  | mg/kg    | 5 | 8020701 | MS | 07-Feb-18 | 8015B |  |
| <b>DRO &gt;C10-C28*</b>              | <b>9320</b> |  | 50.0  | mg/kg    | 5 | 8020701 | MS | 07-Feb-18 | 8015B |  |
| <b>EXT DRO &gt;C28-C36</b>           | <b>1450</b> |  | 50.0  | mg/kg    | 5 | 8020701 | MS | 07-Feb-18 | 8015B |  |
| <i>Surrogate: 1-Chlorooctane</i>     |             |  | 225 % | 41-142   |   | 8020701 | MS | 07-Feb-18 | 8015B |  |
| <i>Surrogate: 1-Chlorooctadecane</i> |             |  | 174 % | 37.6-147 |   | 8020701 | MS | 07-Feb-18 | 8015B |  |

**Green Analytical Laboratories**
**Soluble (DI Water Extraction)**

|                 |              |  |     |           |     |         |     |           |          |  |
|-----------------|--------------|--|-----|-----------|-----|---------|-----|-----------|----------|--|
| <b>Chloride</b> | <b>14700</b> |  | 500 | mg/kg wet | 500 | B802083 | JDA | 14-Feb-18 | 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: KAISER STATE SWD  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONE

Reported:  
15-Feb-18 11:34

**SP - 4 @ 2'**  
**H800379-02 (Soil)**

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

#### Cardinal Laboratories

#### Volatile Organic Compounds by EPA Method 8021

|  |              |  |       |        |    |         |    |           |       |       |
|--|--------------|--|-------|--------|----|---------|----|-----------|-------|-------|
| <b>Benzene*</b>                              | <b>0.728</b> |  | 0.050 | mg/kg  | 50 | 8021207 | MS | 12-Feb-18 | 8021B | QM-07 |
| <b>Toluene*</b>                              | <b>9.66</b>  |  | 0.050 | mg/kg  | 50 | 8021207 | MS | 12-Feb-18 | 8021B | QM-07 |
| <b>Ethylbenzene*</b>                         | <b>5.42</b>  |  | 0.050 | mg/kg  | 50 | 8021207 | MS | 12-Feb-18 | 8021B |       |
| <b>Total Xylenes*</b>                        | <b>19.5</b>  |  | 0.150 | mg/kg  | 50 | 8021207 | MS | 12-Feb-18 | 8021B |       |
| <b>Total BTEX</b>                            | <b>35.3</b>  |  | 0.300 | mg/kg  | 50 | 8021207 | MS | 12-Feb-18 | 8021B |       |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> |              |  | 139 % | 72-148 |    | 8021207 | MS | 12-Feb-18 | 8021B |       |

#### Petroleum Hydrocarbons by GC FID

|                                      |             |  |        |          |   |         |    |           |       |  |
|--------------------------------------|-------------|--|--------|----------|---|---------|----|-----------|-------|--|
| <b>GRO C6-C10*</b>                   | <b>164</b>  |  | 10.0   | mg/kg    | 1 | 8020701 | MS | 07-Feb-18 | 8015B |  |
| <b>DRO &gt;C10-C28*</b>              | <b>595</b>  |  | 10.0   | mg/kg    | 1 | 8020701 | MS | 07-Feb-18 | 8015B |  |
| <b>EXT DRO &gt;C28-C36</b>           | <b>72.8</b> |  | 10.0   | mg/kg    | 1 | 8020701 | MS | 07-Feb-18 | 8015B |  |
| <i>Surrogate: 1-Chlorooctane</i>     |             |  | 99.2 % | 41-142   |   | 8020701 | MS | 07-Feb-18 | 8015B |  |
| <i>Surrogate: 1-Chlorooctadecane</i> |             |  | 106 %  | 37.6-147 |   | 8020701 | MS | 07-Feb-18 | 8015B |  |

#### Green Analytical Laboratories

#### Soluble (DI Water Extraction)

|                 |              |  |     |           |     |         |     |           |          |  |
|-----------------|--------------|--|-----|-----------|-----|---------|-----|-----------|----------|--|
| <b>Chloride</b> | <b>12900</b> |  | 500 | mg/kg wet | 500 | B802083 | JDA | 14-Feb-18 | 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: KAISER STATE SWD  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONE

Reported:  
15-Feb-18 11:34

**SP - 4 @ 4'**  
**H800379-03 (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 | 8021207 | MS | 12-Feb-18 | 8021B |  |
| Toluene*                              | <b>0.907</b> |  | 0.050 | mg/kg  | 50 | 8021207 | MS | 12-Feb-18 | 8021B |  |
| Ethylbenzene*                         | <b>0.654</b> |  | 0.050 | mg/kg  | 50 | 8021207 | MS | 12-Feb-18 | 8021B |  |
| Total Xylenes*                        | <b>3.12</b>  |  | 0.150 | mg/kg  | 50 | 8021207 | MS | 12-Feb-18 | 8021B |  |
| Total BTEX                            | <b>4.68</b>  |  | 0.300 | mg/kg  | 50 | 8021207 | MS | 12-Feb-18 | 8021B |  |
| Surrogate: 4-Bromofluorobenzene (PID) |              |  | 112 % | 72-148 |    | 8021207 | MS | 12-Feb-18 | 8021B |  |

#### Petroleum Hydrocarbons by GC FID

|                               |            |  |        |          |   |         |    |           |       |  |
|-------------------------------|------------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10*                   | <b>112</b> |  | 10.0   | mg/kg    | 1 | 8020701 | MS | 07-Feb-18 | 8015B |  |
| DRO >C10-C28*                 | <b>903</b> |  | 10.0   | mg/kg    | 1 | 8020701 | MS | 07-Feb-18 | 8015B |  |
| EXT DRO >C28-C36              | <b>155</b> |  | 10.0   | mg/kg    | 1 | 8020701 | MS | 07-Feb-18 | 8015B |  |
| Surrogate: 1-Chlorooctane     |            |  | 84.8 % | 41-142   |   | 8020701 | MS | 07-Feb-18 | 8015B |  |
| Surrogate: 1-Chlorooctadecane |            |  | 106 %  | 37.6-147 |   | 8020701 | MS | 07-Feb-18 | 8015B |  |

#### Green Analytical Laboratories

#### Soluble (DI Water Extraction)

|          |              |  |     |           |     |         |     |           |          |  |
|----------|--------------|--|-----|-----------|-----|---------|-----|-----------|----------|--|
| Chloride | <b>16400</b> |  | 500 | mg/kg wet | 500 | B802083 | JDA | 14-Feb-18 | EPA300.0 |  |
|----------|--------------|--|-----|-----------|-----|---------|-----|-----------|----------|--|

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Project: KAISER STATE SWD  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONE

Reported:  
15-Feb-18 11:34

**SP - 5 @ 1'**  
**H800379-04 (Soil)**

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

**Cardinal Laboratories**

**Volatile Organic Compounds by EPA Method 8021**

|  |             |  |              |               |     |                |           |                  |              |  |
|--|-------------|--|--------------|---------------|-----|----------------|-----------|------------------|--------------|--|
| <b>Benzene*</b>                              | <b>3.47</b> |  | 0.500        | mg/kg         | 500 | 8021207        | MS        | 13-Feb-18        | 8021B        |  |
| <b>Toluene*</b>                              | <b>21.5</b> |  | 0.500        | mg/kg         | 500 | 8021207        | MS        | 13-Feb-18        | 8021B        |  |
| <b>Ethylbenzene*</b>                         | <b>15.8</b> |  | 0.500        | mg/kg         | 500 | 8021207        | MS        | 13-Feb-18        | 8021B        |  |
| <b>Total Xylenes*</b>                        | <b>48.9</b> |  | 1.50         | mg/kg         | 500 | 8021207        | MS        | 13-Feb-18        | 8021B        |  |
| <b>Total BTEX</b>                            | <b>89.7</b> |  | 3.00         | mg/kg         | 500 | 8021207        | MS        | 13-Feb-18        | 8021B        |  |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> |             |  | <i>114 %</i> | <i>72-148</i> |     | <i>8021207</i> | <i>MS</i> | <i>13-Feb-18</i> | <i>8021B</i> |  |

**Petroleum Hydrocarbons by GC FID**

|                                      |             |  |               |                 |   |                |           |                  |              |  |
|--------------------------------------|-------------|--|---------------|-----------------|---|----------------|-----------|------------------|--------------|--|
| <b>GRO C6-C10*</b>                   | <b>443</b>  |  | 10.0          | mg/kg           | 1 | 8020701        | MS        | 07-Feb-18        | 8015B        |  |
| <b>DRO &gt;C10-C28*</b>              | <b>1930</b> |  | 10.0          | mg/kg           | 1 | 8020701        | MS        | 07-Feb-18        | 8015B        |  |
| <b>EXT DRO &gt;C28-C36</b>           | <b>323</b>  |  | 10.0          | mg/kg           | 1 | 8020701        | MS        | 07-Feb-18        | 8015B        |  |
| <i>Surrogate: 1-Chlorooctane</i>     |             |  | <i>97.4 %</i> | <i>41-142</i>   |   | <i>8020701</i> | <i>MS</i> | <i>07-Feb-18</i> | <i>8015B</i> |  |
| <i>Surrogate: 1-Chlorooctadecane</i> |             |  | <i>125 %</i>  | <i>37.6-147</i> |   | <i>8020701</i> | <i>MS</i> | <i>07-Feb-18</i> | <i>8015B</i> |  |

**Green Analytical Laboratories**

**Soluble (DI Water Extraction)**

|                 |             |  |      |           |    |         |     |           |          |  |
|-----------------|-------------|--|------|-----------|----|---------|-----|-----------|----------|--|
| <b>Chloride</b> | <b>1550</b> |  | 50.0 | mg/kg wet | 50 | B802083 | JDA | 14-Feb-18 | 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: KAISER STATE SWD  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONE

Reported:  
15-Feb-18 11:34

**SP - 5 @ 3'**  
**H800379-05 (Soil)**

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

#### Cardinal Laboratories

#### Volatile Organic Compounds by EPA Method 8021

|  |             |  |              |               |     |                |           |                  |              |  |
|--|-------------|--|--------------|---------------|-----|----------------|-----------|------------------|--------------|--|
| <b>Benzene*</b>                              | <b>1.14</b> |  | 0.200        | mg/kg         | 200 | 8021207        | MS        | 13-Feb-18        | 8021B        |  |
| <b>Toluene*</b>                              | <b>3.11</b> |  | 0.200        | mg/kg         | 200 | 8021207        | MS        | 13-Feb-18        | 8021B        |  |
| <b>Ethylbenzene*</b>                         | <b>5.69</b> |  | 0.200        | mg/kg         | 200 | 8021207        | MS        | 13-Feb-18        | 8021B        |  |
| <b>Total Xylenes*</b>                        | <b>16.2</b> |  | 0.600        | mg/kg         | 200 | 8021207        | MS        | 13-Feb-18        | 8021B        |  |
| <b>Total BTEX</b>                            | <b>26.1</b> |  | 1.20         | mg/kg         | 200 | 8021207        | MS        | 13-Feb-18        | 8021B        |  |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> |             |  | <i>119 %</i> | <i>72-148</i> |     | <i>8021207</i> | <i>MS</i> | <i>13-Feb-18</i> | <i>8021B</i> |  |

#### Petroleum Hydrocarbons by GC FID

|                                      |             |  |               |                 |   |                |           |                  |              |  |
|--------------------------------------|-------------|--|---------------|-----------------|---|----------------|-----------|------------------|--------------|--|
| <b>GRO C6-C10*</b>                   | <b>75.7</b> |  | 10.0          | mg/kg           | 1 | 8020701        | MS        | 07-Feb-18        | 8015B        |  |
| <b>DRO &gt;C10-C28*</b>              | <b>348</b>  |  | 10.0          | mg/kg           | 1 | 8020701        | MS        | 07-Feb-18        | 8015B        |  |
| <b>EXT DRO &gt;C28-C36</b>           | <b>41.1</b> |  | 10.0          | mg/kg           | 1 | 8020701        | MS        | 07-Feb-18        | 8015B        |  |
| <i>Surrogate: 1-Chlorooctane</i>     |             |  | <i>45.4 %</i> | <i>41-142</i>   |   | <i>8020701</i> | <i>MS</i> | <i>07-Feb-18</i> | <i>8015B</i> |  |
| <i>Surrogate: 1-Chlorooctadecane</i> |             |  | <i>76.9 %</i> | <i>37.6-147</i> |   | <i>8020701</i> | <i>MS</i> | <i>07-Feb-18</i> | <i>8015B</i> |  |

#### Green Analytical Laboratories

#### Soluble (DI Water Extraction)

|                 |            |  |      |           |    |         |     |           |          |  |
|-----------------|------------|--|------|-----------|----|---------|-----|-----------|----------|--|
| <b>Chloride</b> | <b>852</b> |  | 20.0 | mg/kg wet | 20 | B802083 | JDA | 14-Feb-18 | 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: KAISER STATE SWD  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONE

Reported:  
15-Feb-18 11:34

**SP - 5 @ 5'**  
**H800379-06 (Soil)**

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

**Cardinal Laboratories**
**Petroleum Hydrocarbons by GC FID**

|                                      |             |  |       |          |   |         |    |           |       |  |
|--------------------------------------|-------------|--|-------|----------|---|---------|----|-----------|-------|--|
| <b>GRO C6-C10*</b>                   | <b>279</b>  |  | 50.0  | mg/kg    | 5 | 8020701 | MS | 08-Feb-18 | 8015B |  |
| <b>DRO &gt;C10-C28*</b>              | <b>5800</b> |  | 50.0  | mg/kg    | 5 | 8020701 | MS | 08-Feb-18 | 8015B |  |
| <b>EXT DRO &gt;C28-C36</b>           | <b>1210</b> |  | 50.0  | mg/kg    | 5 | 8020701 | MS | 08-Feb-18 | 8015B |  |
| <i>Surrogate: 1-Chlorooctane</i>     |             |  | 110 % | 41-142   |   | 8020701 | MS | 08-Feb-18 | 8015B |  |
| <i>Surrogate: 1-Chlorooctadecane</i> |             |  | 146 % | 37.6-147 |   | 8020701 | MS | 08-Feb-18 | 8015B |  |

**Green Analytical Laboratories**
**Soluble (DI Water Extraction)**

|                 |             |  |     |           |     |         |     |           |          |  |
|-----------------|-------------|--|-----|-----------|-----|---------|-----|-----------|----------|--|
| <b>Chloride</b> | <b>5510</b> |  | 200 | mg/kg wet | 200 | B802083 | JDA | 14-Feb-18 | EPA300.0 |  |
|-----------------|-------------|--|-----|-----------|-----|---------|-----|-----------|----------|--|

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Project: KAISER STATE SWD  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONE

Reported:  
15-Feb-18 11:34

**Volatile Organic Compounds by EPA Method 8021 - Quality Control**

**Cardinal Laboratories**

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

**Batch 8021207 - Volatiles**

**Blank (8021207-BLK1)**

Prepared & Analyzed: 12-Feb-18

|                                       |       |       |       |       |  |     |        |  |  |
|---------------------------------------|-------|-------|-------|-------|--|-----|--------|--|--|
| 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 BTX                             | ND    | 0.300 | mg/kg |       |  |     |        |  |  |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.104 |       | mg/kg | 0.100 |  | 104 | 72-148 |  |  |

**LCS (8021207-BS1)**

Prepared & Analyzed: 12-Feb-18

|                                       |       |       |       |       |  |     |          |  |  |
|---------------------------------------|-------|-------|-------|-------|--|-----|----------|--|--|
| Benzene                               | 2.16  | 0.050 | mg/kg | 2.00  |  | 108 | 79.5-124 |  |  |
| Toluene                               | 2.12  | 0.050 | mg/kg | 2.00  |  | 106 | 75.5-127 |  |  |
| Ethylbenzene                          | 2.09  | 0.050 | mg/kg | 2.00  |  | 105 | 77.7-125 |  |  |
| Total Xylenes                         | 6.35  | 0.150 | mg/kg | 6.00  |  | 106 | 70.9-124 |  |  |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.101 |       | mg/kg | 0.100 |  | 101 | 72-148   |  |  |

**LCS Dup (8021207-BSD1)**

Prepared & Analyzed: 12-Feb-18

|                                       |       |       |       |       |  |      |          |      |      |       |
|---------------------------------------|-------|-------|-------|-------|--|------|----------|------|------|-------|
| Benzene                               | 1.83  | 0.050 | mg/kg | 2.00  |  | 91.7 | 79.5-124 | 16.4 | 6.5  | QR-02 |
| Toluene                               | 1.80  | 0.050 | mg/kg | 2.00  |  | 90.0 | 75.5-127 | 16.6 | 7.02 | QR-02 |
| Ethylbenzene                          | 1.78  | 0.050 | mg/kg | 2.00  |  | 89.1 | 77.7-125 | 15.9 | 7.83 | QR-02 |
| Total Xylenes                         | 5.42  | 0.150 | mg/kg | 6.00  |  | 90.3 | 70.9-124 | 15.9 | 7.78 | QR-02 |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.101 |       | mg/kg | 0.100 |  | 101  | 72-148   |      |      |       |

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager

### Analytical Results For:

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

Project: KAISER STATE SWD  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONE

Reported:  
15-Feb-18 11:34

### Petroleum Hydrocarbons by GC FID - Quality Control

#### Cardinal Laboratories

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

#### Batch 8020701 - General Prep - Organics

##### Blank (8020701-BLK1)

Prepared & Analyzed: 07-Feb-18

|                               |      |      |       |      |  |      |          |  |  |  |
|-------------------------------|------|------|-------|------|--|------|----------|--|--|--|
| 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     | 47.5 |      | mg/kg | 50.0 |  | 95.0 | 41-142   |  |  |  |
| Surrogate: 1-Chlorooctadecane | 43.1 |      | mg/kg | 50.0 |  | 86.3 | 37.6-147 |  |  |  |

##### LCS (8020701-BS1)

Prepared & Analyzed: 07-Feb-18

|                               |      |      |       |      |  |      |          |  |  |  |
|-------------------------------|------|------|-------|------|--|------|----------|--|--|--|
| GRO C6-C10                    | 210  | 10.0 | mg/kg | 200  |  | 105  | 76.5-133 |  |  |  |
| DRO >C10-C28                  | 197  | 10.0 | mg/kg | 200  |  | 98.3 | 72.9-138 |  |  |  |
| Total TPH C6-C28              | 407  | 10.0 | mg/kg | 400  |  | 102  | 78-132   |  |  |  |
| Surrogate: 1-Chlorooctane     | 50.5 |      | mg/kg | 50.0 |  | 101  | 41-142   |  |  |  |
| Surrogate: 1-Chlorooctadecane | 47.9 |      | mg/kg | 50.0 |  | 95.8 | 37.6-147 |  |  |  |

##### LCS Dup (8020701-BSD1)

Prepared & Analyzed: 07-Feb-18

|                               |      |      |       |      |  |      |          |      |      |  |
|-------------------------------|------|------|-------|------|--|------|----------|------|------|--|
| GRO C6-C10                    | 205  | 10.0 | mg/kg | 200  |  | 103  | 76.5-133 | 2.15 | 20.6 |  |
| DRO >C10-C28                  | 187  | 10.0 | mg/kg | 200  |  | 93.5 | 72.9-138 | 5.04 | 20.6 |  |
| Total TPH C6-C28              | 392  | 10.0 | mg/kg | 400  |  | 98.1 | 78-132   | 3.54 | 18   |  |
| Surrogate: 1-Chlorooctane     | 49.7 |      | mg/kg | 50.0 |  | 99.4 | 41-142   |      |      |  |
| Surrogate: 1-Chlorooctadecane | 45.7 |      | mg/kg | 50.0 |  | 91.3 | 37.6-147 |      |      |  |

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Project: KAISER STATE SWD  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONE

Reported:  
15-Feb-18 11:34

**Soluble (DI Water Extraction) - Quality Control**

**Green Analytical Laboratories**

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

**Batch B802083 - General Prep - Wet Chem**

**Blank (B802083-BLK1)**

Prepared: 12-Feb-18 Analyzed: 13-Feb-18

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

**LCS (B802083-BS1)**

Prepared: 12-Feb-18 Analyzed: 13-Feb-18

|          |     |      |           |     |  |      |        |  |  |  |
|----------|-----|------|-----------|-----|--|------|--------|--|--|--|
| Chloride | 243 | 10.0 | mg/kg wet | 250 |  | 97.2 | 85-115 |  |  |  |
|----------|-----|------|-----------|-----|--|------|--------|--|--|--|

**LCS Dup (B802083-BSD1)**

Prepared: 12-Feb-18 Analyzed: 13-Feb-18

|          |     |      |           |     |  |      |        |       |    |  |
|----------|-----|------|-----------|-----|--|------|--------|-------|----|--|
| Chloride | 244 | 10.0 | mg/kg wet | 250 |  | 97.5 | 85-115 | 0.337 | 20 |  |
|----------|-----|------|-----------|-----|--|------|--------|-------|----|--|

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Celey D. Keene, Lab Director/Quality Manager

### Notes and Definitions

|       |   |
|-------|---|
| S-06  | The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.  |
| 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. |
| QM-07 | The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.  |
| ND    | Analyte NOT DETECTED at or above the reporting limit  |
| RPD   | Relative Percent Difference   |
| **    | Samples not received at proper temperature of 6°C or below.   |
| ***   | Insufficient time to reach temperature.   |
| -     | Chloride by SM4500Cl-B does not require samples be received at or below 6°C<br>Samples reported on an as received basis (wet) unless otherwise noted on report  |

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Celey D. Keene, Lab Director/Quality Manager



# ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

|  |                    |  |                     |   |                |   |             |                       |                    |   |                       |                     |  |                                      |  |
|--|--------------------|--|---------------------|---|----------------|---|-------------|-----------------------|--------------------|---|-----------------------|---------------------|--|--------------------------------------|--|
| <b>Company Name:</b> Trinity Oilfield Services & Rentals, LLC  |                    | <b>BILL TO</b>   |                     | <b>ANALYSIS REQUEST</b>   |                |   |             |                       |                    |   |                       |                     |  |                                      |  |
| <b>Project Manager:</b> Ben J. Arguilo   |                    | <b>P.O. #:</b>   |                     |   |                |   |             |                       |                    |   |                       |                     |  |                                      |  |
| <b>Address:</b> P.O. Box 2587  |                    | <b>Company:</b> Trinity  |                     |   |                |   |             |                       |                    |   |                       |                     |  |                                      |  |
| <b>City:</b> Hobbs   |                    | <b>Attn:</b>   |                     |   |                |   |             |                       |                    |   |                       |                     |  |                                      |  |
| <b>State:</b> NM <b>Zip:</b> 88241   |                    | <b>Address:</b>  |                     |   |                |   |             |                       |                    |   |                       |                     |  |                                      |  |
| <b>Phone #:</b> (575)390-7208 <b>Fax #:</b>  |                    | <b>City:</b>   |                     |   |                |   |             |                       |                    |   |                       |                     |  |                                      |  |
| <b>Project #:</b>  |                    | <b>State:</b> <b>Zip:</b>  |                     |   |                |   |             |                       |                    |   |                       |                     |  |                                      |  |
| <b>Project Name:</b> Kaiser State SWD  |                    | <b>Phone #:</b>  |                     |   |                |   |             |                       |                    |   |                       |                     |  |                                      |  |
| <b>Project Location:</b> Lea Co., NM   |                    | <b>Fax #:</b>  |                     |   |                |   |             |                       |                    |   |                       |                     |  |                                      |  |
| <b>Sampler Name:</b> Tristan Payne   |                    |  |                     |   |                |   |             |                       |                    |   |                       |                     |  |                                      |  |
| <b>FOR LAB USE ONLY</b>  |                    |  |                     |   |                |   |             |                       |                    |   |                       |                     |  |                                      |  |
| <b>Lab I.D.</b>  | <b>Sample I.D.</b> | <b>(G)RAB OR (C)OMP.</b>   | <b># CONTAINERS</b> | <b>MATRIX</b>   | <b>PRESERV</b> | <b>SAMPLING</b>   | <b>DATE</b> | <b>TIME</b>           | <b>TPH (8015M)</b> | <b>BTEX (8021B)</b>   | <b>Chloride (300)</b> |                     |  |                                      |  |
| H800379  | SP-4 @ 1'          | G  | 1                   | X   |                |   | 2/6/18      | 0940                  | X                  |   |                       | X                   |  |                                      |  |
|  | SP-4 @ 2'          | G  | 1                   | X   |                |   | 2/6/18      | 0955                  | X                  |   |                       | X                   |  |                                      |  |
|  | SP-4 @ 4'          | G  | 1                   | X   |                |   | 2/6/18      | 1023                  | X                  |   |                       | X                   |  |                                      |  |
|  | SP-5 @ 1'          | G  | 1                   | X   |                |   | 2/6/18      | 1045                  | X                  |   |                       | X                   |  |                                      |  |
|  | SP-5 @ 3'          | G  | 1                   | X   |                |   | 2/6/18      | 1103                  | X                  |   |                       | X                   |  |                                      |  |
|  | SP-5 @ 5'          | G  | 1                   | X   |                |   | 2/6/18      | 1117                  | 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 analysis. 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 and/or their related to the performance of services rendered by Cardinal, regardless of whether such claim is based in contract or tort. |                    |  |                     |   |                |   |             |                       |                    |   |                       |                     |  |                                      |  |
| <b>Relinquished By:</b>  |                    | <b>Date:</b> 2/6/18  |                     | <b>Received By:</b>   |                | <b>Phone Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No |             | <b>Add'l Phone #:</b> |                    | <b>Fax Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No |                       | <b>Add'l Fax #:</b> |  | <b>REMARKS:</b>                      |  |
| <b>Relinquished By:</b>  |                    | <b>Date:</b>   |                     | <b>Received By:</b>   |                | <b>Phone Result:</b>  |             | <b>Add'l Phone #:</b> |                    | <b>Fax Result:</b>  |                       | <b>Add'l Fax #:</b> |  | <b>Run BTEX if TPH is &lt;= 5000</b> |  |
| <b>Delivered By: (Circle One)</b> #75  |                    | <b>Sample Condition</b>  |                     | <b>CHECKED BY:</b>  |                | <b>TPH</b>  |             | <b>BTEX</b>           |                    | <b>Chloride</b>   |                       | <b>TPH</b>          |  | <b>BTEX</b>                          |  |
| <b>Sampler - UPS - Bus - Other:</b> 5.42/5.65  |                    | <b>Cool Intact</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |                     | <b>Diffus</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |                | <b>TPH</b>  |             | <b>BTEX</b>           |                    | <b>Chloride</b>   |                       | <b>TPH</b>          |  | <b>BTEX</b>                          |  |

May 21, 2018

BEN ARGUIJO

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: KAISER STATE SWD

Enclosed are the results of analyses for samples received by the laboratory on 05/14/18 15:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-17-10. 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](http://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: KAISER STATE SWD  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONE

Reported:  
21-May-18 16:59

| Sample ID     | Laboratory ID | Matrix | Date Sampled    | Date Received   |
|---------------|---------------|--------|-----------------|-----------------|
| SP - 11 @ 2'  | H801331-01    | Soil   | 09-May-18 09:20 | 14-May-18 15:15 |
| SP - 11 @ 13' | H801331-02    | Soil   | 09-May-18 09:50 | 14-May-18 15:15 |
| SP - 1 @ 10'  | H801331-03    | Soil   | 09-May-18 10:00 | 14-May-18 15:15 |
| SP - 1 @ 13'  | H801331-04    | Soil   | 09-May-18 10:10 | 14-May-18 15:15 |
| SP - 2 @ 8'   | H801331-05    | Soil   | 09-May-18 10:30 | 14-May-18 15:15 |
| SP - 2 @ 13'  | H801331-06    | Soil   | 09-May-18 10:45 | 14-May-18 15:15 |
| SP - 3 @ 4'   | H801331-07    | Soil   | 09-May-18 11:10 | 14-May-18 15:15 |
| SP - 3 @ 13'  | H801331-08    | Soil   | 09-May-18 11:35 | 14-May-18 15:15 |
| SP - 4 @ 2'   | H801331-09    | Soil   | 09-May-18 13:05 | 14-May-18 15:15 |
| SP - 4 @ 10'  | H801331-10    | Soil   | 09-May-18 13:25 | 14-May-18 15:15 |
| SP - 5 @ 1'   | H801331-11    | Soil   | 09-May-18 14:00 | 14-May-18 15:15 |
| SP - 5 @ 13'  | H801331-12    | Soil   | 09-May-18 14:35 | 14-May-18 15:15 |
| SP - 6 @ 2'   | H801331-13    | Soil   | 09-May-18 15:00 | 14-May-18 15:15 |
| SP - 6 @ 10'  | H801331-14    | Soil   | 09-May-18 15:20 | 14-May-18 15:15 |
| SP - 7 @ 6'   | H801331-15    | Soil   | 09-May-18 15:50 | 14-May-18 15:15 |
| SP - 7 @ 13'  | H801331-16    | Soil   | 09-May-18 16:10 | 14-May-18 15:15 |
| SP - 8 @ 4'   | H801331-17    | Soil   | 10-May-18 09:35 | 14-May-18 15:15 |
| SP - 8 @ 13'  | H801331-18    | Soil   | 10-May-18 10:00 | 14-May-18 15:15 |
| SP - 9 @ 1'   | H801331-19    | Soil   | 10-May-18 11:00 | 14-May-18 15:15 |
| SP - 9 @ 13'  | H801331-20    | Soil   | 10-May-18 11:35 | 14-May-18 15:15 |
| SP - 10 @ 1'  | H801331-21    | Soil   | 10-May-18 11:50 | 14-May-18 15:15 |
| SP - 10 @ 13' | H801331-22    | Soil   | 10-May-18 12:25 | 14-May-18 15:15 |

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: KAISER STATE SWD  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONE

Reported:  
21-May-18 16:59

**SP - 11 @ 2'**  
**H801331-01 (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     | 8051506 | MS | 17-May-18 | 8021B |  |
| Toluene*                              | <0.050 | 0.050 | mg/kg | 50     | 8051506 | MS | 17-May-18 | 8021B |  |
| Ethylbenzene*                         | 0.077  | 0.050 | mg/kg | 50     | 8051506 | MS | 17-May-18 | 8021B |  |
| Total Xylenes*                        | 0.447  | 0.150 | mg/kg | 50     | 8051506 | MS | 17-May-18 | 8021B |  |
| Total BTEX                            | 0.524  | 0.300 | mg/kg | 50     | 8051506 | MS | 17-May-18 | 8021B |  |
| Surrogate: 4-Bromofluorobenzene (PID) |        | 103 % |       | 72-148 | 8051506 | MS | 17-May-18 | 8021B |  |

##### Petroleum Hydrocarbons by GC FID

|                               |       |        |       |          |         |    |           |       |  |
|-------------------------------|-------|--------|-------|----------|---------|----|-----------|-------|--|
| GRO C6-C10*                   | <10.0 | 10.0   | mg/kg | 1        | 8051503 | MS | 15-May-18 | 8015B |  |
| DRO >C10-C28*                 | 142   | 10.0   | mg/kg | 1        | 8051503 | MS | 15-May-18 | 8015B |  |
| EXT DRO >C28-C36              | 72.7  | 10.0   | mg/kg | 1        | 8051503 | MS | 15-May-18 | 8015B |  |
| Surrogate: 1-Chlorooctane     |       | 91.7 % |       | 41-142   | 8051503 | MS | 15-May-18 | 8015B |  |
| Surrogate: 1-Chlorooctadecane |       | 90.9 % |       | 37.6-147 | 8051503 | MS | 15-May-18 | 8015B |  |

#### Green Analytical Laboratories

##### Soluble (DI Water Extraction)

|          |      |      |           |    |         |     |           |          |  |
|----------|------|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 1920 | 50.0 | mg/kg wet | 50 | B805120 | JDA | 16-May-18 | 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: KAISER STATE SWD  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONE

Reported:  
21-May-18 16:59

**SP - 11 @ 13'**  
**H801331-02 (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 | 8051506 | MS | 17-May-18 | 8021B |  |
| Toluene*                                     | <0.050 |  | 0.050 | mg/kg  | 50 | 8051506 | MS | 17-May-18 | 8021B |  |
| Ethylbenzene*                                | <0.050 |  | 0.050 | mg/kg  | 50 | 8051506 | MS | 17-May-18 | 8021B |  |
| Total Xylenes*                               | <0.150 |  | 0.150 | mg/kg  | 50 | 8051506 | MS | 17-May-18 | 8021B |  |
| Total BTEX                                   | <0.300 |  | 0.300 | mg/kg  | 50 | 8051506 | MS | 17-May-18 | 8021B |  |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> |        |  | 103 % | 72-148 |    | 8051506 | MS | 17-May-18 | 8021B |  |

#### Petroleum Hydrocarbons by GC FID

|                                      |       |  |        |          |   |         |    |           |       |  |
|--------------------------------------|-------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10*                          | <10.0 |  | 10.0   | mg/kg    | 1 | 8051503 | MS | 15-May-18 | 8015B |  |
| DRO >C10-C28*                        | <10.0 |  | 10.0   | mg/kg    | 1 | 8051503 | MS | 15-May-18 | 8015B |  |
| EXT DRO >C28-C36                     | <10.0 |  | 10.0   | mg/kg    | 1 | 8051503 | MS | 15-May-18 | 8015B |  |
| <i>Surrogate: 1-Chlorooctane</i>     |       |  | 88.0 % | 41-142   |   | 8051503 | MS | 15-May-18 | 8015B |  |
| <i>Surrogate: 1-Chlorooctadecane</i> |       |  | 77.2 % | 37.6-147 |   | 8051503 | MS | 15-May-18 | 8015B |  |

#### Green Analytical Laboratories

#### Soluble (DI Water Extraction)

|          |     |  |      |           |    |         |     |           |          |  |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 817 |  | 50.0 | mg/kg wet | 50 | B805120 | JDA | 16-May-18 | 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: KAISER STATE SWD  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONE

Reported:  
21-May-18 16:59

**SP - 1 @ 10'**  
**H801331-03 (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 | 8051506 | MS | 17-May-18 | 8021B |  |
| Toluene*                                     | <0.050 |  | 0.050 | mg/kg  | 50 | 8051506 | MS | 17-May-18 | 8021B |  |
| Ethylbenzene*                                | <0.050 |  | 0.050 | mg/kg  | 50 | 8051506 | MS | 17-May-18 | 8021B |  |
| Total Xylenes*                               | <0.150 |  | 0.150 | mg/kg  | 50 | 8051506 | MS | 17-May-18 | 8021B |  |
| Total BTEX                                   | <0.300 |  | 0.300 | mg/kg  | 50 | 8051506 | MS | 17-May-18 | 8021B |  |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> |        |  | 107 % | 72-148 |    | 8051506 | MS | 17-May-18 | 8021B |  |

##### Petroleum Hydrocarbons by GC FID

|                                      |       |  |        |          |   |         |    |           |       |  |
|--------------------------------------|-------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10*                          | <10.0 |  | 10.0   | mg/kg    | 1 | 8051503 | MS | 15-May-18 | 8015B |  |
| DRO >C10-C28*                        | <10.0 |  | 10.0   | mg/kg    | 1 | 8051503 | MS | 15-May-18 | 8015B |  |
| EXT DRO >C28-C36                     | <10.0 |  | 10.0   | mg/kg    | 1 | 8051503 | MS | 15-May-18 | 8015B |  |
| <i>Surrogate: 1-Chlorooctane</i>     |       |  | 88.1 % | 41-142   |   | 8051503 | MS | 15-May-18 | 8015B |  |
| <i>Surrogate: 1-Chlorooctadecane</i> |       |  | 75.1 % | 37.6-147 |   | 8051503 | MS | 15-May-18 | 8015B |  |

#### Green Analytical Laboratories

##### Soluble (DI Water Extraction)

|          |      |  |      |           |    |         |     |           |          |  |
|----------|------|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 2300 |  | 50.0 | mg/kg wet | 50 | B805120 | JDA | 16-May-18 | 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: KAISER STATE SWD  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONE

Reported:  
21-May-18 16:59

**SP - 1 @ 13'**  
**H801331-04 (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 | 8051506 | MS | 17-May-18 | 8021B |  |
| Toluene*                                     | <0.050 |  | 0.050 | mg/kg  | 50 | 8051506 | MS | 17-May-18 | 8021B |  |
| Ethylbenzene*                                | <0.050 |  | 0.050 | mg/kg  | 50 | 8051506 | MS | 17-May-18 | 8021B |  |
| Total Xylenes*                               | <0.150 |  | 0.150 | mg/kg  | 50 | 8051506 | MS | 17-May-18 | 8021B |  |
| Total BTEX                                   | <0.300 |  | 0.300 | mg/kg  | 50 | 8051506 | MS | 17-May-18 | 8021B |  |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> |        |  | 103 % | 72-148 |    | 8051506 | MS | 17-May-18 | 8021B |  |

**Petroleum Hydrocarbons by GC FID**

|                                      |       |  |        |          |   |         |    |           |       |  |
|--------------------------------------|-------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10*                          | <10.0 |  | 10.0   | mg/kg    | 1 | 8051503 | MS | 15-May-18 | 8015B |  |
| DRO >C10-C28*                        | <10.0 |  | 10.0   | mg/kg    | 1 | 8051503 | MS | 15-May-18 | 8015B |  |
| EXT DRO >C28-C36                     | <10.0 |  | 10.0   | mg/kg    | 1 | 8051503 | MS | 15-May-18 | 8015B |  |
| <i>Surrogate: 1-Chlorooctane</i>     |       |  | 79.4 % | 41-142   |   | 8051503 | MS | 15-May-18 | 8015B |  |
| <i>Surrogate: 1-Chlorooctadecane</i> |       |  | 68.9 % | 37.6-147 |   | 8051503 | MS | 15-May-18 | 8015B |  |

**Green Analytical Laboratories**
**Soluble (DI Water Extraction)**

|          |      |  |      |           |    |         |     |           |          |  |
|----------|------|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 1410 |  | 50.0 | mg/kg wet | 50 | B805120 | JDA | 16-May-18 | 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: KAISER STATE SWD  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONE

Reported:  
21-May-18 16:59

**SP - 2 @ 8'**  
**H801331-05 (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 | 8051506 | MS | 17-May-18 | 8021B |  |
| Toluene*                                     | <0.050       |  | 0.050 | mg/kg  | 50 | 8051506 | MS | 17-May-18 | 8021B |  |
| Ethylbenzene*                                | <0.050       |  | 0.050 | mg/kg  | 50 | 8051506 | MS | 17-May-18 | 8021B |  |
| <b>Total Xylenes*</b>                        | <b>0.167</b> |  | 0.150 | mg/kg  | 50 | 8051506 | MS | 17-May-18 | 8021B |  |
| <b>Total BTEX</b>                            | <b>0.167</b> |  | 0.300 | mg/kg  | 50 | 8051506 | MS | 17-May-18 | 8021B |  |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> |              |  | 104 % | 72-148 |    | 8051506 | MS | 17-May-18 | 8021B |  |

#### Petroleum Hydrocarbons by GC FID

|                                      |       |  |        |          |   |         |    |           |       |  |
|--------------------------------------|-------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10*                          | <10.0 |  | 10.0   | mg/kg    | 1 | 8051503 | MS | 15-May-18 | 8015B |  |
| DRO >C10-C28*                        | <10.0 |  | 10.0   | mg/kg    | 1 | 8051503 | MS | 15-May-18 | 8015B |  |
| EXT DRO >C28-C36                     | <10.0 |  | 10.0   | mg/kg    | 1 | 8051503 | MS | 15-May-18 | 8015B |  |
| <i>Surrogate: 1-Chlorooctane</i>     |       |  | 87.1 % | 41-142   |   | 8051503 | MS | 15-May-18 | 8015B |  |
| <i>Surrogate: 1-Chlorooctadecane</i> |       |  | 74.6 % | 37.6-147 |   | 8051503 | MS | 15-May-18 | 8015B |  |

#### Green Analytical Laboratories

#### Soluble (DI Water Extraction)

|          |      |  |     |           |     |         |     |           |          |  |
|----------|------|--|-----|-----------|-----|---------|-----|-----------|----------|--|
| Chloride | 2570 |  | 100 | mg/kg wet | 100 | B805120 | JDA | 17-May-18 | 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: KAISER STATE SWD  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONE

Reported:  
21-May-18 16:59

**SP - 2 @ 13'**  
**H801331-06 (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 | 8051506 | MS | 17-May-18 | 8021B |  |
| Toluene*                                     | <0.050 |  | 0.050 | mg/kg  | 50 | 8051506 | MS | 17-May-18 | 8021B |  |
| Ethylbenzene*                                | <0.050 |  | 0.050 | mg/kg  | 50 | 8051506 | MS | 17-May-18 | 8021B |  |
| Total Xylenes*                               | <0.150 |  | 0.150 | mg/kg  | 50 | 8051506 | MS | 17-May-18 | 8021B |  |
| Total BTEX                                   | <0.300 |  | 0.300 | mg/kg  | 50 | 8051506 | MS | 17-May-18 | 8021B |  |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> |        |  | 106 % | 72-148 |    | 8051506 | MS | 17-May-18 | 8021B |  |

#### Petroleum Hydrocarbons by GC FID

|                                      |             |  |        |          |   |         |    |           |       |  |
|--------------------------------------|-------------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10*                          | <10.0       |  | 10.0   | mg/kg    | 1 | 8051503 | MS | 15-May-18 | 8015B |  |
| <b>DRO &gt;C10-C28*</b>              | <b>14.0</b> |  | 10.0   | mg/kg    | 1 | 8051503 | MS | 15-May-18 | 8015B |  |
| EXT DRO >C28-C36                     | <10.0       |  | 10.0   | mg/kg    | 1 | 8051503 | MS | 15-May-18 | 8015B |  |
| <i>Surrogate: 1-Chlorooctane</i>     |             |  | 90.5 % | 41-142   |   | 8051503 | MS | 15-May-18 | 8015B |  |
| <i>Surrogate: 1-Chlorooctadecane</i> |             |  | 79.4 % | 37.6-147 |   | 8051503 | MS | 15-May-18 | 8015B |  |

#### Green Analytical Laboratories

#### Soluble (DI Water Extraction)

|          |      |  |      |           |    |         |     |           |          |  |
|----------|------|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 1250 |  | 50.0 | mg/kg wet | 50 | B805120 | JDA | 16-May-18 | 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: KAISER STATE SWD  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONE

Reported:  
21-May-18 16:59

**SP - 3 @ 4'**  
**H801331-07 (Soil)**

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

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#### Volatile Organic Compounds by EPA Method 8021

|  |              |  |       |        |    |         |    |           |       |  |
|--|--------------|--|-------|--------|----|---------|----|-----------|-------|--|
| Benzene*                                     | <0.050       |  | 0.050 | mg/kg  | 50 | 8051506 | MS | 17-May-18 | 8021B |  |
| <b>Toluene*</b>                              | <b>0.069</b> |  | 0.050 | mg/kg  | 50 | 8051506 | MS | 17-May-18 | 8021B |  |
| Ethylbenzene*                                | <0.050       |  | 0.050 | mg/kg  | 50 | 8051506 | MS | 17-May-18 | 8021B |  |
| <b>Total Xylenes*</b>                        | <b>1.31</b>  |  | 0.150 | mg/kg  | 50 | 8051506 | MS | 17-May-18 | 8021B |  |
| <b>Total BTEX</b>                            | <b>1.37</b>  |  | 0.300 | mg/kg  | 50 | 8051506 | MS | 17-May-18 | 8021B |  |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> |              |  | 136 % | 72-148 |    | 8051506 | MS | 17-May-18 | 8021B |  |

#### Petroleum Hydrocarbons by GC FID

|                                      |             |  |        |          |   |         |    |           |       |  |
|--------------------------------------|-------------|--|--------|----------|---|---------|----|-----------|-------|--|
| <b>GRO C6-C10*</b>                   | <b>14.6</b> |  | 10.0   | mg/kg    | 1 | 8051503 | MS | 15-May-18 | 8015B |  |
| <b>DRO &gt;C10-C28*</b>              | <b>292</b>  |  | 10.0   | mg/kg    | 1 | 8051503 | MS | 15-May-18 | 8015B |  |
| <b>EXT DRO &gt;C28-C36</b>           | <b>23.8</b> |  | 10.0   | mg/kg    | 1 | 8051503 | MS | 15-May-18 | 8015B |  |
| <i>Surrogate: 1-Chlorooctane</i>     |             |  | 86.6 % | 41-142   |   | 8051503 | MS | 15-May-18 | 8015B |  |
| <i>Surrogate: 1-Chlorooctadecane</i> |             |  | 94.2 % | 37.6-147 |   | 8051503 | MS | 15-May-18 | 8015B |  |

#### Green Analytical Laboratories

#### Soluble (DI Water Extraction)

|                 |             |  |      |           |    |         |     |           |          |  |
|-----------------|-------------|--|------|-----------|----|---------|-----|-----------|----------|--|
| <b>Chloride</b> | <b>1310</b> |  | 50.0 | mg/kg wet | 50 | B805120 | JDA | 16-May-18 | 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: KAISER STATE SWD  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONE

Reported:  
21-May-18 16:59

**SP - 3 @ 13'**  
**H801331-08 (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 | 8051506 | MS | 17-May-18 | 8021B |  |
| Toluene*                              | <b>0.085</b> |  | 0.050 | mg/kg  | 50 | 8051506 | MS | 17-May-18 | 8021B |  |
| Ethylbenzene*                         | <b>0.280</b> |  | 0.050 | mg/kg  | 50 | 8051506 | MS | 17-May-18 | 8021B |  |
| Total Xylenes*                        | <b>1.33</b>  |  | 0.150 | mg/kg  | 50 | 8051506 | MS | 17-May-18 | 8021B |  |
| Total BTEX                            | <b>1.70</b>  |  | 0.300 | mg/kg  | 50 | 8051506 | MS | 17-May-18 | 8021B |  |
| Surrogate: 4-Bromofluorobenzene (PID) |              |  | 137 % | 72-148 |    | 8051506 | MS | 17-May-18 | 8021B |  |

##### Petroleum Hydrocarbons by GC FID

|                               |             |  |        |          |   |         |    |           |       |  |
|-------------------------------|-------------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10*                   | <b>19.2</b> |  | 10.0   | mg/kg    | 1 | 8051503 | MS | 15-May-18 | 8015B |  |
| DRO >C10-C28*                 | <b>496</b>  |  | 10.0   | mg/kg    | 1 | 8051503 | MS | 15-May-18 | 8015B |  |
| EXT DRO >C28-C36              | <b>69.4</b> |  | 10.0   | mg/kg    | 1 | 8051503 | MS | 15-May-18 | 8015B |  |
| Surrogate: 1-Chlorooctane     |             |  | 85.9 % | 41-142   |   | 8051503 | MS | 15-May-18 | 8015B |  |
| Surrogate: 1-Chlorooctadecane |             |  | 107 %  | 37.6-147 |   | 8051503 | MS | 15-May-18 | 8015B |  |

#### Green Analytical Laboratories

##### Soluble (DI Water Extraction)

|          |             |  |      |           |    |         |     |           |          |  |
|----------|-------------|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | <b>2250</b> |  | 50.0 | mg/kg wet | 50 | B805120 | JDA | 16-May-18 | 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: KAISER STATE SWD  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONE

Reported:  
21-May-18 16:59

**SP - 4 @ 2'**  
**H801331-09 (Soil)**

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

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#### Volatile Organic Compounds by EPA Method 8021

|                                       |              |  |       |        |    |         |    |           |       |  |
|---------------------------------------|--------------|--|-------|--------|----|---------|----|-----------|-------|--|
| Benzene*                              | <0.050       |  | 0.050 | mg/kg  | 50 | 8051506 | MS | 17-May-18 | 8021B |  |
| Toluene*                              | <0.050       |  | 0.050 | mg/kg  | 50 | 8051506 | MS | 17-May-18 | 8021B |  |
| Ethylbenzene*                         | <b>0.061</b> |  | 0.050 | mg/kg  | 50 | 8051506 | MS | 17-May-18 | 8021B |  |
| Total Xylenes*                        | <b>0.256</b> |  | 0.150 | mg/kg  | 50 | 8051506 | MS | 17-May-18 | 8021B |  |
| Total BTEX                            | <b>0.317</b> |  | 0.300 | mg/kg  | 50 | 8051506 | MS | 17-May-18 | 8021B |  |
| Surrogate: 4-Bromofluorobenzene (PID) |              |  | 106 % | 72-148 |    | 8051506 | MS | 17-May-18 | 8021B |  |

#### Petroleum Hydrocarbons by GC FID

|                               |             |  |        |          |   |         |    |           |       |  |
|-------------------------------|-------------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10*                   | <10.0       |  | 10.0   | mg/kg    | 1 | 8051503 | MS | 15-May-18 | 8015B |  |
| DRO >C10-C28*                 | <b>42.1</b> |  | 10.0   | mg/kg    | 1 | 8051503 | MS | 15-May-18 | 8015B |  |
| EXT DRO >C28-C36              | <b>30.2</b> |  | 10.0   | mg/kg    | 1 | 8051503 | MS | 15-May-18 | 8015B |  |
| Surrogate: 1-Chlorooctane     |             |  | 85.3 % | 41-142   |   | 8051503 | MS | 15-May-18 | 8015B |  |
| Surrogate: 1-Chlorooctadecane |             |  | 80.9 % | 37.6-147 |   | 8051503 | MS | 15-May-18 | 8015B |  |

#### Green Analytical Laboratories

#### Soluble (DI Water Extraction)

|          |             |  |     |           |     |         |     |           |          |  |
|----------|-------------|--|-----|-----------|-----|---------|-----|-----------|----------|--|
| Chloride | <b>3570</b> |  | 100 | mg/kg wet | 100 | B805120 | JDA | 17-May-18 | 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: KAISER STATE SWD  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONE

Reported:  
21-May-18 16:59

**SP - 4 @ 10'**  
**H801331-10 (Soil)**

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

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#### Volatile Organic Compounds by EPA Method 8021

|  |        |  |       |        |    |         |    |           |       |  |
|--|--------|--|-------|--------|----|---------|----|-----------|-------|--|
| Benzene*                                     | <0.050 |  | 0.050 | mg/kg  | 50 | 8051508 | MS | 17-May-18 | 8021B |  |
| Toluene*                                     | <0.050 |  | 0.050 | mg/kg  | 50 | 8051508 | MS | 17-May-18 | 8021B |  |
| Ethylbenzene*                                | <0.050 |  | 0.050 | mg/kg  | 50 | 8051508 | MS | 17-May-18 | 8021B |  |
| Total Xylenes*                               | <0.150 |  | 0.150 | mg/kg  | 50 | 8051508 | MS | 17-May-18 | 8021B |  |
| Total BTEX                                   | <0.300 |  | 0.300 | mg/kg  | 50 | 8051508 | MS | 17-May-18 | 8021B |  |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> |        |  | 102 % | 72-148 |    | 8051508 | MS | 17-May-18 | 8021B |  |

#### Petroleum Hydrocarbons by GC FID

|                                      |       |  |        |          |   |         |    |           |       |  |
|--------------------------------------|-------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10*                          | <10.0 |  | 10.0   | mg/kg    | 1 | 8051503 | MS | 15-May-18 | 8015B |  |
| DRO >C10-C28*                        | <10.0 |  | 10.0   | mg/kg    | 1 | 8051503 | MS | 15-May-18 | 8015B |  |
| EXT DRO >C28-C36                     | <10.0 |  | 10.0   | mg/kg    | 1 | 8051503 | MS | 15-May-18 | 8015B |  |
| <i>Surrogate: 1-Chlorooctane</i>     |       |  | 85.4 % | 41-142   |   | 8051503 | MS | 15-May-18 | 8015B |  |
| <i>Surrogate: 1-Chlorooctadecane</i> |       |  | 75.3 % | 37.6-147 |   | 8051503 | MS | 15-May-18 | 8015B |  |

#### Green Analytical Laboratories

#### Soluble (DI Water Extraction)

|          |     |  |      |           |    |         |     |           |          |  |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 347 |  | 50.0 | mg/kg wet | 50 | B805120 | JDA | 17-May-18 | 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: KAISER STATE SWD  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONE

Reported:  
21-May-18 16:59

**SP - 5 @ 1'**  
**H801331-11 (Soil)**

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

**Cardinal Laboratories**
**Volatile Organic Compounds by EPA Method 8021**

|                                       |        |  |       |        |     |         |    |           |       |  |
|---------------------------------------|--------|--|-------|--------|-----|---------|----|-----------|-------|--|
| Benzene*                              | <0.500 |  | 0.500 | mg/kg  | 500 | 8051508 | MS | 17-May-18 | 8021B |  |
| Toluene*                              | 2.47   |  | 0.500 | mg/kg  | 500 | 8051508 | MS | 17-May-18 | 8021B |  |
| Ethylbenzene*                         | 3.30   |  | 0.500 | mg/kg  | 500 | 8051508 | MS | 17-May-18 | 8021B |  |
| Total Xylenes*                        | 27.7   |  | 1.50  | mg/kg  | 500 | 8051508 | MS | 17-May-18 | 8021B |  |
| Total BTEX                            | 33.5   |  | 3.00  | mg/kg  | 500 | 8051508 | MS | 17-May-18 | 8021B |  |
| Surrogate: 4-Bromofluorobenzene (PID) |        |  | 122 % | 72-148 |     | 8051508 | MS | 17-May-18 | 8021B |  |

**Petroleum Hydrocarbons by GC FID**
**S-06**

|                               |       |  |       |          |   |         |    |           |       |  |
|-------------------------------|-------|--|-------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10*                   | 1220  |  | 50.0  | mg/kg    | 5 | 8051503 | MS | 15-May-18 | 8015B |  |
| DRO >C10-C28*                 | 11900 |  | 50.0  | mg/kg    | 5 | 8051503 | MS | 15-May-18 | 8015B |  |
| EXT DRO >C28-C36              | 1570  |  | 50.0  | mg/kg    | 5 | 8051503 | MS | 15-May-18 | 8015B |  |
| Surrogate: 1-Chlorooctane     |       |  | 170 % | 41-142   |   | 8051503 | MS | 15-May-18 | 8015B |  |
| Surrogate: 1-Chlorooctadecane |       |  | 231 % | 37.6-147 |   | 8051503 | MS | 15-May-18 | 8015B |  |

**Green Analytical Laboratories**
**Soluble (DI Water Extraction)**

|          |      |  |     |           |     |         |     |           |          |  |
|----------|------|--|-----|-----------|-----|---------|-----|-----------|----------|--|
| Chloride | 4670 |  | 200 | mg/kg wet | 200 | B805120 | JDA | 17-May-18 | 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: KAISER STATE SWD  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONE

Reported:  
21-May-18 16:59

**SP - 5 @ 13'**  
**H801331-12 (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 | 8051508        | MS        | 17-May-18        | 8021B        |  |
| Toluene*                                     | <0.050       |  | 0.050        | mg/kg         | 50 | 8051508        | MS        | 17-May-18        | 8021B        |  |
| Ethylbenzene*                                | <0.050       |  | 0.050        | mg/kg         | 50 | 8051508        | MS        | 17-May-18        | 8021B        |  |
| <b>Total Xylenes*</b>                        | <b>0.426</b> |  | 0.150        | mg/kg         | 50 | 8051508        | MS        | 17-May-18        | 8021B        |  |
| <b>Total BTEX</b>                            | <b>0.426</b> |  | 0.300        | mg/kg         | 50 | 8051508        | MS        | 17-May-18        | 8021B        |  |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> |              |  | <i>112 %</i> | <i>72-148</i> |    | <i>8051508</i> | <i>MS</i> | <i>17-May-18</i> | <i>8021B</i> |  |

#### Petroleum Hydrocarbons by GC FID

|                                      |             |  |               |                 |   |                |           |                  |              |  |
|--------------------------------------|-------------|--|---------------|-----------------|---|----------------|-----------|------------------|--------------|--|
| GRO C6-C10*                          | <10.0       |  | 10.0          | mg/kg           | 1 | 8051507        | MS        | 15-May-18        | 8015B        |  |
| <b>DRO &gt;C10-C28*</b>              | <b>67.6</b> |  | 10.0          | mg/kg           | 1 | 8051507        | MS        | 15-May-18        | 8015B        |  |
| EXT DRO >C28-C36                     | <10.0       |  | 10.0          | mg/kg           | 1 | 8051507        | MS        | 15-May-18        | 8015B        |  |
| <i>Surrogate: 1-Chlorooctane</i>     |             |  | <i>90.1 %</i> | <i>41-142</i>   |   | <i>8051507</i> | <i>MS</i> | <i>15-May-18</i> | <i>8015B</i> |  |
| <i>Surrogate: 1-Chlorooctadecane</i> |             |  | <i>97.0 %</i> | <i>37.6-147</i> |   | <i>8051507</i> | <i>MS</i> | <i>15-May-18</i> | <i>8015B</i> |  |

#### Green Analytical Laboratories

#### Soluble (DI Water Extraction)

|          |      |  |      |           |    |         |     |           |          |  |
|----------|------|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 1230 |  | 50.0 | mg/kg wet | 50 | B805120 | JDA | 17-May-18 | 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: KAISER STATE SWD  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONE

Reported:  
21-May-18 16:59

**SP - 6 @ 2'**  
**H801331-13 (Soil)**

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

#### Cardinal Laboratories

#### Volatile Organic Compounds by EPA Method 8021

|                                       |        |  |       |        |     |         |    |           |       |  |
|---------------------------------------|--------|--|-------|--------|-----|---------|----|-----------|-------|--|
| Benzene*                              | <0.200 |  | 0.200 | mg/kg  | 200 | 8051508 | MS | 17-May-18 | 8021B |  |
| Toluene*                              | 0.981  |  | 0.200 | mg/kg  | 200 | 8051508 | MS | 17-May-18 | 8021B |  |
| Ethylbenzene*                         | 3.14   |  | 0.200 | mg/kg  | 200 | 8051508 | MS | 17-May-18 | 8021B |  |
| Total Xylenes*                        | 13.4   |  | 0.600 | mg/kg  | 200 | 8051508 | MS | 17-May-18 | 8021B |  |
| Total BTEX                            | 17.5   |  | 1.20  | mg/kg  | 200 | 8051508 | MS | 17-May-18 | 8021B |  |
| Surrogate: 4-Bromofluorobenzene (PID) |        |  | 139 % | 72-148 |     | 8051508 | MS | 17-May-18 | 8021B |  |

#### Petroleum Hydrocarbons by GC FID

**S-06**

|                               |      |  |       |          |   |         |    |           |       |  |
|-------------------------------|------|--|-------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10*                   | 485  |  | 50.0  | mg/kg    | 5 | 8051507 | MS | 15-May-18 | 8015B |  |
| DRO >C10-C28*                 | 8810 |  | 50.0  | mg/kg    | 5 | 8051507 | MS | 15-May-18 | 8015B |  |
| EXT DRO >C28-C36              | 1670 |  | 50.0  | mg/kg    | 5 | 8051507 | MS | 15-May-18 | 8015B |  |
| Surrogate: 1-Chlorooctane     |      |  | 129 % | 41-142   |   | 8051507 | MS | 15-May-18 | 8015B |  |
| Surrogate: 1-Chlorooctadecane |      |  | 302 % | 37.6-147 |   | 8051507 | MS | 15-May-18 | 8015B |  |

#### Green Analytical Laboratories

#### Soluble (DI Water Extraction)

|          |      |  |     |           |     |         |     |           |          |  |
|----------|------|--|-----|-----------|-----|---------|-----|-----------|----------|--|
| Chloride | 9260 |  | 500 | mg/kg wet | 500 | B805120 | JDA | 17-May-18 | 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: KAISER STATE SWD  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONE

Reported:  
21-May-18 16:59

**SP - 6 @ 10'**  
**H801331-14 (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 | 8051508 | MS | 17-May-18 | 8021B |  |
| Toluene*                                     | <0.050       |  | 0.050 | mg/kg  | 50 | 8051508 | MS | 17-May-18 | 8021B |  |
| Ethylbenzene*                                | <0.050       |  | 0.050 | mg/kg  | 50 | 8051508 | MS | 17-May-18 | 8021B |  |
| <b>Total Xylenes*</b>                        | <b>0.432</b> |  | 0.150 | mg/kg  | 50 | 8051508 | MS | 17-May-18 | 8021B |  |
| <b>Total BTEX</b>                            | <b>0.432</b> |  | 0.300 | mg/kg  | 50 | 8051508 | MS | 17-May-18 | 8021B |  |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> |              |  | 119 % | 72-148 |    | 8051508 | MS | 17-May-18 | 8021B |  |

#### Petroleum Hydrocarbons by GC FID

|                                      |             |  |        |          |   |         |    |           |       |  |
|--------------------------------------|-------------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10*                          | <10.0       |  | 10.0   | mg/kg    | 1 | 8051507 | MS | 15-May-18 | 8015B |  |
| <b>DRO &gt;C10-C28*</b>              | <b>113</b>  |  | 10.0   | mg/kg    | 1 | 8051507 | MS | 15-May-18 | 8015B |  |
| <b>EXT DRO &gt;C28-C36</b>           | <b>14.7</b> |  | 10.0   | mg/kg    | 1 | 8051507 | MS | 15-May-18 | 8015B |  |
| <i>Surrogate: 1-Chlorooctane</i>     |             |  | 92.2 % | 41-142   |   | 8051507 | MS | 15-May-18 | 8015B |  |
| <i>Surrogate: 1-Chlorooctadecane</i> |             |  | 99.8 % | 37.6-147 |   | 8051507 | MS | 15-May-18 | 8015B |  |

#### Green Analytical Laboratories

#### Soluble (DI Water Extraction)

|          |     |  |      |           |    |         |     |           |          |  |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 492 |  | 50.0 | mg/kg wet | 50 | B805120 | JDA | 17-May-18 | 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: KAISER STATE SWD  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONE

Reported:  
21-May-18 16:59

**SP - 7 @ 6'**  
**H801331-15 (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 | 8051508 | MS | 17-May-18 | 8021B |  |
| Toluene*                                     | <0.050 |  | 0.050 | mg/kg  | 50 | 8051508 | MS | 17-May-18 | 8021B |  |
| Ethylbenzene*                                | <0.050 |  | 0.050 | mg/kg  | 50 | 8051508 | MS | 17-May-18 | 8021B |  |
| Total Xylenes*                               | <0.150 |  | 0.150 | mg/kg  | 50 | 8051508 | MS | 17-May-18 | 8021B |  |
| Total BTEX                                   | <0.300 |  | 0.300 | mg/kg  | 50 | 8051508 | MS | 17-May-18 | 8021B |  |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> |        |  | 107 % | 72-148 |    | 8051508 | MS | 17-May-18 | 8021B |  |

##### Petroleum Hydrocarbons by GC FID

|                                      |             |  |        |          |   |         |    |           |       |  |
|--------------------------------------|-------------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10*                          | <10.0       |  | 10.0   | mg/kg    | 1 | 8051507 | MS | 15-May-18 | 8015B |  |
| <b>DRO &gt;C10-C28*</b>              | <b>20.8</b> |  | 10.0   | mg/kg    | 1 | 8051507 | MS | 15-May-18 | 8015B |  |
| EXT DRO >C28-C36                     | <10.0       |  | 10.0   | mg/kg    | 1 | 8051507 | MS | 15-May-18 | 8015B |  |
| <i>Surrogate: 1-Chlorooctane</i>     |             |  | 91.0 % | 41-142   |   | 8051507 | MS | 15-May-18 | 8015B |  |
| <i>Surrogate: 1-Chlorooctadecane</i> |             |  | 90.9 % | 37.6-147 |   | 8051507 | MS | 15-May-18 | 8015B |  |

#### Green Analytical Laboratories

##### Soluble (DI Water Extraction)

|          |      |  |     |           |     |         |     |           |          |  |
|----------|------|--|-----|-----------|-----|---------|-----|-----------|----------|--|
| Chloride | 5870 |  | 200 | mg/kg wet | 200 | B805120 | JDA | 17-May-18 | 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: KAISER STATE SWD  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONE

Reported:  
21-May-18 16:59

**SP - 7 @ 13'**  
**H801331-16 (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 | 8051508 | MS | 17-May-18 | 8021B |  |
| Toluene*                                     | <0.050 |  | 0.050 | mg/kg  | 50 | 8051508 | MS | 17-May-18 | 8021B |  |
| Ethylbenzene*                                | <0.050 |  | 0.050 | mg/kg  | 50 | 8051508 | MS | 17-May-18 | 8021B |  |
| Total Xylenes*                               | <0.150 |  | 0.150 | mg/kg  | 50 | 8051508 | MS | 17-May-18 | 8021B |  |
| Total BTEX                                   | <0.300 |  | 0.300 | mg/kg  | 50 | 8051508 | MS | 17-May-18 | 8021B |  |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> |        |  | 106 % | 72-148 |    | 8051508 | MS | 17-May-18 | 8021B |  |

#### Petroleum Hydrocarbons by GC FID

|                                      |       |  |        |          |   |         |    |           |       |  |
|--------------------------------------|-------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10*                          | <10.0 |  | 10.0   | mg/kg    | 1 | 8051507 | MS | 15-May-18 | 8015B |  |
| DRO >C10-C28*                        | <10.0 |  | 10.0   | mg/kg    | 1 | 8051507 | MS | 15-May-18 | 8015B |  |
| EXT DRO >C28-C36                     | <10.0 |  | 10.0   | mg/kg    | 1 | 8051507 | MS | 15-May-18 | 8015B |  |
| <i>Surrogate: 1-Chlorooctane</i>     |       |  | 87.3 % | 41-142   |   | 8051507 | MS | 15-May-18 | 8015B |  |
| <i>Surrogate: 1-Chlorooctadecane</i> |       |  | 88.0 % | 37.6-147 |   | 8051507 | MS | 15-May-18 | 8015B |  |

#### Green Analytical Laboratories

#### Soluble (DI Water Extraction)

|          |      |  |     |           |     |         |     |           |          |  |
|----------|------|--|-----|-----------|-----|---------|-----|-----------|----------|--|
| Chloride | 2800 |  | 100 | mg/kg wet | 100 | B805120 | JDA | 17-May-18 | 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: KAISER STATE SWD  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONE

Reported:  
21-May-18 16:59

**SP - 8 @ 4'**  
**H801331-17 (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 | 8051508 | MS | 17-May-18 | 8021B |  |
| <b>Toluene*</b>                              | <b>0.105</b> |  | 0.050 | mg/kg  | 50 | 8051508 | MS | 17-May-18 | 8021B |  |
| Ethylbenzene*                                | <0.050       |  | 0.050 | mg/kg  | 50 | 8051508 | MS | 17-May-18 | 8021B |  |
| <b>Total Xylenes*</b>                        | <b>1.51</b>  |  | 0.150 | mg/kg  | 50 | 8051508 | MS | 17-May-18 | 8021B |  |
| <b>Total BTEX</b>                            | <b>1.61</b>  |  | 0.300 | mg/kg  | 50 | 8051508 | MS | 17-May-18 | 8021B |  |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> |              |  | 139 % | 72-148 |    | 8051508 | MS | 17-May-18 | 8021B |  |

##### Petroleum Hydrocarbons by GC FID

|                                      |             |  |        |          |   |         |    |           |       |  |
|--------------------------------------|-------------|--|--------|----------|---|---------|----|-----------|-------|--|
| <b>GRO C6-C10*</b>                   | <b>27.4</b> |  | 10.0   | mg/kg    | 1 | 8051507 | MS | 15-May-18 | 8015B |  |
| <b>DRO &gt;C10-C28*</b>              | <b>571</b>  |  | 10.0   | mg/kg    | 1 | 8051507 | MS | 15-May-18 | 8015B |  |
| <b>EXT DRO &gt;C28-C36</b>           | <b>99.2</b> |  | 10.0   | mg/kg    | 1 | 8051507 | MS | 15-May-18 | 8015B |  |
| <i>Surrogate: 1-Chlorooctane</i>     |             |  | 93.2 % | 41-142   |   | 8051507 | MS | 15-May-18 | 8015B |  |
| <i>Surrogate: 1-Chlorooctadecane</i> |             |  | 121 %  | 37.6-147 |   | 8051507 | MS | 15-May-18 | 8015B |  |

#### Green Analytical Laboratories

##### Soluble (DI Water Extraction)

|                 |              |  |     |           |     |         |     |           |          |  |
|-----------------|--------------|--|-----|-----------|-----|---------|-----|-----------|----------|--|
| <b>Chloride</b> | <b>17400</b> |  | 500 | mg/kg wet | 500 | B805120 | JDA | 17-May-18 | 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: KAISER STATE SWD  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONE

Reported:  
21-May-18 16:59

**SP - 8 @ 13'**  
**H801331-18 (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 | 8051508 | MS | 17-May-18 | 8021B |  |
| Toluene*                              | 0.063  |  | 0.050 | mg/kg    | 50 | 8051508 | MS | 17-May-18 | 8021B |  |
| Ethylbenzene*                         | 0.209  |  | 0.050 | mg/kg    | 50 | 8051508 | MS | 17-May-18 | 8021B |  |
| Total Xylenes*                        | 0.968  |  | 0.150 | mg/kg    | 50 | 8051508 | MS | 17-May-18 | 8021B |  |
| Total BTEX                            | 1.24   |  | 0.300 | mg/kg    | 50 | 8051508 | MS | 17-May-18 | 8021B |  |
| Surrogate: 4-Bromofluorobenzene (PID) |        |  | 123 % | 69.8-142 |    | 8051508 | MS | 17-May-18 | 8021B |  |

#### Petroleum Hydrocarbons by GC FID

|                               |      |  |        |          |   |         |    |           |       |  |
|-------------------------------|------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10*                   | 13.8 |  | 10.0   | mg/kg    | 1 | 8051507 | MS | 16-May-18 | 8015B |  |
| DRO >C10-C28*                 | 146  |  | 10.0   | mg/kg    | 1 | 8051507 | MS | 16-May-18 | 8015B |  |
| EXT DRO >C28-C36              | 17.8 |  | 10.0   | mg/kg    | 1 | 8051507 | MS | 16-May-18 | 8015B |  |
| Surrogate: 1-Chlorooctane     |      |  | 97.2 % | 41-142   |   | 8051507 | MS | 16-May-18 | 8015B |  |
| Surrogate: 1-Chlorooctadecane |      |  | 106 %  | 37.6-147 |   | 8051507 | MS | 16-May-18 | 8015B |  |

#### Green Analytical Laboratories

#### Soluble (DI Water Extraction)

|          |      |  |     |           |     |         |     |           |          |  |
|----------|------|--|-----|-----------|-----|---------|-----|-----------|----------|--|
| Chloride | 7790 |  | 500 | mg/kg wet | 500 | B805120 | JDA | 17-May-18 | 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: KAISER STATE SWD  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONE

Reported:  
21-May-18 16:59

**SP - 9 @ 1'**  
**H801331-19 (Soil)**

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

#### Cardinal Laboratories

#### Volatile Organic Compounds by EPA Method 8021

|                                       |        |  |       |        |     |         |    |           |       |  |
|---------------------------------------|--------|--|-------|--------|-----|---------|----|-----------|-------|--|
| Benzene*                              | <0.200 |  | 0.200 | mg/kg  | 200 | 8051508 | MS | 17-May-18 | 8021B |  |
| Toluene*                              | 0.738  |  | 0.200 | mg/kg  | 200 | 8051508 | MS | 17-May-18 | 8021B |  |
| Ethylbenzene*                         | 1.90   |  | 0.200 | mg/kg  | 200 | 8051508 | MS | 17-May-18 | 8021B |  |
| Total Xylenes*                        | 7.28   |  | 0.600 | mg/kg  | 200 | 8051508 | MS | 17-May-18 | 8021B |  |
| Total BTEX                            | 9.92   |  | 1.20  | mg/kg  | 200 | 8051508 | MS | 17-May-18 | 8021B |  |
| Surrogate: 4-Bromofluorobenzene (PID) |        |  | 127 % | 72-148 |     | 8051508 | MS | 17-May-18 | 8021B |  |

#### Petroleum Hydrocarbons by GC FID

**S-06**

|                               |      |  |       |          |   |         |    |           |       |  |
|-------------------------------|------|--|-------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10*                   | 343  |  | 50.0  | mg/kg    | 5 | 8051507 | MS | 16-May-18 | 8015B |  |
| DRO >C10-C28*                 | 4870 |  | 50.0  | mg/kg    | 5 | 8051507 | MS | 16-May-18 | 8015B |  |
| EXT DRO >C28-C36              | 837  |  | 50.0  | mg/kg    | 5 | 8051507 | MS | 16-May-18 | 8015B |  |
| Surrogate: 1-Chlorooctane     |      |  | 133 % | 41-142   |   | 8051507 | MS | 16-May-18 | 8015B |  |
| Surrogate: 1-Chlorooctadecane |      |  | 193 % | 37.6-147 |   | 8051507 | MS | 16-May-18 | 8015B |  |

#### Green Analytical Laboratories

#### Soluble (DI Water Extraction)

|          |      |  |     |           |     |         |     |           |          |  |
|----------|------|--|-----|-----------|-----|---------|-----|-----------|----------|--|
| Chloride | 8130 |  | 500 | mg/kg wet | 500 | B805120 | JDA | 17-May-18 | 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: KAISER STATE SWD  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONE

Reported:  
21-May-18 16:59

**SP - 9 @ 13'**  
**H801331-20 (Soil)**

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

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#### Volatile Organic Compounds by EPA Method 8021

|  |        |  |       |        |    |         |    |           |       |  |
|--|--------|--|-------|--------|----|---------|----|-----------|-------|--|
| Benzene*                                     | <0.050 |  | 0.050 | mg/kg  | 50 | 8051508 | MS | 17-May-18 | 8021B |  |
| Toluene*                                     | <0.050 |  | 0.050 | mg/kg  | 50 | 8051508 | MS | 17-May-18 | 8021B |  |
| Ethylbenzene*                                | <0.050 |  | 0.050 | mg/kg  | 50 | 8051508 | MS | 17-May-18 | 8021B |  |
| Total Xylenes*                               | <0.150 |  | 0.150 | mg/kg  | 50 | 8051508 | MS | 17-May-18 | 8021B |  |
| Total BTEX                                   | <0.300 |  | 0.300 | mg/kg  | 50 | 8051508 | MS | 17-May-18 | 8021B |  |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> |        |  | 105 % | 72-148 |    | 8051508 | MS | 17-May-18 | 8021B |  |

#### Petroleum Hydrocarbons by GC FID

|                                      |             |  |        |          |   |         |    |           |       |  |
|--------------------------------------|-------------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10*                          | <10.0       |  | 10.0   | mg/kg    | 1 | 8051507 | MS | 16-May-18 | 8015B |  |
| <b>DRO &gt;C10-C28*</b>              | <b>31.4</b> |  | 10.0   | mg/kg    | 1 | 8051507 | MS | 16-May-18 | 8015B |  |
| EXT DRO >C28-C36                     | <10.0       |  | 10.0   | mg/kg    | 1 | 8051507 | MS | 16-May-18 | 8015B |  |
| <i>Surrogate: 1-Chlorooctane</i>     |             |  | 90.3 % | 41-142   |   | 8051507 | MS | 16-May-18 | 8015B |  |
| <i>Surrogate: 1-Chlorooctadecane</i> |             |  | 93.2 % | 37.6-147 |   | 8051507 | MS | 16-May-18 | 8015B |  |

#### Green Analytical Laboratories

#### Soluble (DI Water Extraction)

|          |     |  |      |           |    |         |     |           |          |  |
|----------|-----|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 791 |  | 50.0 | mg/kg wet | 50 | B805120 | JDA | 17-May-18 | 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: KAISER STATE SWD  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONE

Reported:  
21-May-18 16:59

**SP - 10 @ 1'**  
**H801331-21 (Soil)**

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

**Cardinal Laboratories**
**Volatile Organic Compounds by EPA Method 8021**

|                                       |        |  |       |        |     |         |    |           |       |  |
|---------------------------------------|--------|--|-------|--------|-----|---------|----|-----------|-------|--|
| Benzene*                              | <0.200 |  | 0.200 | mg/kg  | 200 | 8051508 | MS | 17-May-18 | 8021B |  |
| Toluene*                              | 1.25   |  | 0.200 | mg/kg  | 200 | 8051508 | MS | 17-May-18 | 8021B |  |
| Ethylbenzene*                         | 3.72   |  | 0.200 | mg/kg  | 200 | 8051508 | MS | 17-May-18 | 8021B |  |
| Total Xylenes*                        | 15.7   |  | 0.600 | mg/kg  | 200 | 8051508 | MS | 17-May-18 | 8021B |  |
| Total BTEX                            | 20.7   |  | 1.20  | mg/kg  | 200 | 8051508 | MS | 17-May-18 | 8021B |  |
| Surrogate: 4-Bromofluorobenzene (PID) |        |  | 138 % | 72-148 |     | 8051508 | MS | 17-May-18 | 8021B |  |

**Petroleum Hydrocarbons by GC FID**
**S-06**

|                               |      |  |       |          |   |         |    |           |       |  |
|-------------------------------|------|--|-------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10*                   | 567  |  | 50.0  | mg/kg    | 5 | 8051507 | MS | 16-May-18 | 8015B |  |
| DRO >C10-C28*                 | 4890 |  | 50.0  | mg/kg    | 5 | 8051507 | MS | 16-May-18 | 8015B |  |
| EXT DRO >C28-C36              | 719  |  | 50.0  | mg/kg    | 5 | 8051507 | MS | 16-May-18 | 8015B |  |
| Surrogate: 1-Chlorooctane     |      |  | 144 % | 41-142   |   | 8051507 | MS | 16-May-18 | 8015B |  |
| Surrogate: 1-Chlorooctadecane |      |  | 164 % | 37.6-147 |   | 8051507 | MS | 16-May-18 | 8015B |  |

**Green Analytical Laboratories**
**Soluble (DI Water Extraction)**

|          |      |  |     |           |     |         |     |           |          |  |
|----------|------|--|-----|-----------|-----|---------|-----|-----------|----------|--|
| Chloride | 8610 |  | 500 | mg/kg wet | 500 | B805121 | JDA | 17-May-18 | 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: KAISER STATE SWD  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONE

Reported:  
21-May-18 16:59

**SP - 10 @ 13'**  
**H801331-22 (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 | 8051508 | MS | 17-May-18 | 8021B |  |
| Toluene*                                     | <0.050 |  | 0.050 | mg/kg  | 50 | 8051508 | MS | 17-May-18 | 8021B |  |
| Ethylbenzene*                                | <0.050 |  | 0.050 | mg/kg  | 50 | 8051508 | MS | 17-May-18 | 8021B |  |
| Total Xylenes*                               | <0.150 |  | 0.150 | mg/kg  | 50 | 8051508 | MS | 17-May-18 | 8021B |  |
| Total BTEX                                   | <0.300 |  | 0.300 | mg/kg  | 50 | 8051508 | MS | 17-May-18 | 8021B |  |
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> |        |  | 109 % | 72-148 |    | 8051508 | MS | 17-May-18 | 8021B |  |

##### Petroleum Hydrocarbons by GC FID

|                                      |       |  |        |          |   |         |    |           |       |  |
|--------------------------------------|-------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10*                          | <10.0 |  | 10.0   | mg/kg    | 1 | 8051507 | MS | 16-May-18 | 8015B |  |
| DRO >C10-C28*                        | 85.8  |  | 10.0   | mg/kg    | 1 | 8051507 | MS | 16-May-18 | 8015B |  |
| EXT DRO >C28-C36                     | 11.4  |  | 10.0   | mg/kg    | 1 | 8051507 | MS | 16-May-18 | 8015B |  |
| <i>Surrogate: 1-Chlorooctane</i>     |       |  | 97.1 % | 41-142   |   | 8051507 | MS | 16-May-18 | 8015B |  |
| <i>Surrogate: 1-Chlorooctadecane</i> |       |  | 103 %  | 37.6-147 |   | 8051507 | MS | 16-May-18 | 8015B |  |

#### Green Analytical Laboratories

##### Soluble (DI Water Extraction)

|          |      |  |      |           |    |         |     |           |          |  |
|----------|------|--|------|-----------|----|---------|-----|-----------|----------|--|
| Chloride | 1080 |  | 50.0 | mg/kg wet | 50 | B805121 | JDA | 17-May-18 | 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: KAISER STATE SWD  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONE

Reported:  
21-May-18 16:59

### 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 8051506 - Volatiles

##### Blank (8051506-BLK1)

Prepared: 15-May-18 Analyzed: 17-May-18

|                                       |       |       |       |       |  |     |        |  |  |  |
|---------------------------------------|-------|-------|-------|-------|--|-----|--------|--|--|--|
| Benzene                               | ND    | 0.050 | mg/kg |       |  |     |        |  |  |  |
| Toluene                               | ND    | 0.050 | mg/kg |       |  |     |        |  |  |  |
| Ethylbenzene                          | ND    | 0.050 | mg/kg |       |  |     |        |  |  |  |
| Total Xylenes                         | ND    | 0.150 | mg/kg |       |  |     |        |  |  |  |
| Total BTEX                            | ND    | 0.300 | mg/kg |       |  |     |        |  |  |  |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.108 |       | mg/kg | 0.100 |  | 108 | 72-148 |  |  |  |

##### LCS (8051506-BS1)

Prepared: 15-May-18 Analyzed: 17-May-18

|                                       |       |       |       |       |  |     |          |  |  |  |
|---------------------------------------|-------|-------|-------|-------|--|-----|----------|--|--|--|
| Benzene                               | 2.06  | 0.050 | mg/kg | 2.00  |  | 103 | 79.5-124 |  |  |  |
| Toluene                               | 2.12  | 0.050 | mg/kg | 2.00  |  | 106 | 75.5-127 |  |  |  |
| Ethylbenzene                          | 2.17  | 0.050 | mg/kg | 2.00  |  | 109 | 77.7-125 |  |  |  |
| Total Xylenes                         | 6.40  | 0.150 | mg/kg | 6.00  |  | 107 | 70.9-124 |  |  |  |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.105 |       | mg/kg | 0.100 |  | 105 | 72-148   |  |  |  |

##### LCS Dup (8051506-BS1)

Prepared: 15-May-18 Analyzed: 17-May-18

|                                       |       |       |       |       |  |      |          |      |      |  |
|---------------------------------------|-------|-------|-------|-------|--|------|----------|------|------|--|
| Benzene                               | 1.99  | 0.050 | mg/kg | 2.00  |  | 99.6 | 79.5-124 | 3.57 | 6.5  |  |
| Toluene                               | 2.05  | 0.050 | mg/kg | 2.00  |  | 103  | 75.5-127 | 3.33 | 7.02 |  |
| Ethylbenzene                          | 2.10  | 0.050 | mg/kg | 2.00  |  | 105  | 77.7-125 | 3.34 | 7.83 |  |
| Total Xylenes                         | 6.19  | 0.150 | mg/kg | 6.00  |  | 103  | 70.9-124 | 3.27 | 7.78 |  |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.108 |       | mg/kg | 0.100 |  | 108  | 72-148   |      |      |  |

#### Batch 8051508 - Volatiles

##### Blank (8051508-BLK1)

Prepared: 15-May-18 Analyzed: 17-May-18

|                                       |       |       |       |       |  |     |          |  |  |  |
|---------------------------------------|-------|-------|-------|-------|--|-----|----------|--|--|--|
| Benzene                               | ND    | 0.050 | mg/kg |       |  |     |          |  |  |  |
| Toluene                               | ND    | 0.050 | mg/kg |       |  |     |          |  |  |  |
| Ethylbenzene                          | ND    | 0.050 | mg/kg |       |  |     |          |  |  |  |
| Total Xylenes                         | ND    | 0.150 | mg/kg |       |  |     |          |  |  |  |
| Total BTEX                            | ND    | 0.300 | mg/kg |       |  |     |          |  |  |  |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.100 |       | mg/kg | 0.100 |  | 100 | 69.8-142 |  |  |  |

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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: KAISER STATE SWD  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONE

Reported:  
21-May-18 16:59

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

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

**Batch 8051508 - Volatiles**
**LCS (8051508-BS1)**

Prepared: 15-May-18 Analyzed: 18-May-18

|                                       |       |       |       |       |  |      |          |  |  |
|---------------------------------------|-------|-------|-------|-------|--|------|----------|--|--|
| Benzene                               | 1.69  | 0.050 | mg/kg | 2.00  |  | 84.5 | 74.5-124 |  |  |
| Toluene                               | 1.83  | 0.050 | mg/kg | 2.00  |  | 91.3 | 78.8-122 |  |  |
| Ethylbenzene                          | 1.84  | 0.050 | mg/kg | 2.00  |  | 92.1 | 78.6-122 |  |  |
| Total Xylenes                         | 5.71  | 0.150 | mg/kg | 6.00  |  | 95.2 | 79.7-123 |  |  |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.108 |       | mg/kg | 0.100 |  | 108  | 69.8-142 |  |  |

**LCS Dup (8051508-BS1)**

Prepared: 15-May-18 Analyzed: 17-May-18

|                                       |        |       |       |       |  |      |          |      |      |
|---------------------------------------|--------|-------|-------|-------|--|------|----------|------|------|
| Benzene                               | 1.65   | 0.050 | mg/kg | 2.00  |  | 82.4 | 79.5-124 | 2.52 | 6.5  |
| Toluene                               | 1.78   | 0.050 | mg/kg | 2.00  |  | 88.8 | 75.5-127 | 2.85 | 7.02 |
| Ethylbenzene                          | 1.81   | 0.050 | mg/kg | 2.00  |  | 90.3 | 77.7-125 | 2.04 | 7.83 |
| Total Xylenes                         | 5.58   | 0.150 | mg/kg | 6.00  |  | 93.0 | 70.9-124 | 2.34 | 7.78 |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0993 |       | mg/kg | 0.100 |  | 99.3 | 72-148   |      |      |

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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: KAISER STATE SWD  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONE

Reported:  
21-May-18 16:59

### 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 8051503 - General Prep - Organics

##### Blank (8051503-BLK1)

Prepared & Analyzed: 15-May-18

|                               |      |      |       |      |  |     |          |  |  |  |
|-------------------------------|------|------|-------|------|--|-----|----------|--|--|--|
| 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     | 51.4 |      | mg/kg | 50.0 |  | 103 | 41-142   |  |  |  |
| Surrogate: 1-Chlorooctadecane | 53.0 |      | mg/kg | 50.0 |  | 106 | 37.6-147 |  |  |  |

##### LCS (8051503-BS1)

Prepared & Analyzed: 15-May-18

|                               |      |      |       |      |  |     |          |  |  |  |
|-------------------------------|------|------|-------|------|--|-----|----------|--|--|--|
| GRO C6-C10                    | 214  | 10.0 | mg/kg | 200  |  | 107 | 76.5-133 |  |  |  |
| DRO >C10-C28                  | 212  | 10.0 | mg/kg | 200  |  | 106 | 72.9-138 |  |  |  |
| Total TPH C6-C28              | 426  | 10.0 | mg/kg | 400  |  | 106 | 78-132   |  |  |  |
| Surrogate: 1-Chlorooctane     | 53.5 |      | mg/kg | 50.0 |  | 107 | 41-142   |  |  |  |
| Surrogate: 1-Chlorooctadecane | 59.2 |      | mg/kg | 50.0 |  | 118 | 37.6-147 |  |  |  |

##### LCS Dup (8051503-BSD1)

Prepared & Analyzed: 15-May-18

|                               |      |      |       |      |  |      |          |      |      |       |
|-------------------------------|------|------|-------|------|--|------|----------|------|------|-------|
| GRO C6-C10                    | 174  | 10.0 | mg/kg | 200  |  | 87.0 | 76.5-133 | 20.4 | 20.6 |       |
| DRO >C10-C28                  | 181  | 10.0 | mg/kg | 200  |  | 90.7 | 72.9-138 | 15.7 | 20.6 |       |
| Total TPH C6-C28              | 355  | 10.0 | mg/kg | 400  |  | 88.9 | 78-132   | 18.1 | 18   | QR-02 |
| Surrogate: 1-Chlorooctane     | 46.9 |      | mg/kg | 50.0 |  | 93.8 | 41-142   |      |      |       |
| Surrogate: 1-Chlorooctadecane | 45.6 |      | mg/kg | 50.0 |  | 91.1 | 37.6-147 |      |      |       |

#### Batch 8051507 - General Prep - Organics

##### Blank (8051507-BLK1)

Prepared & Analyzed: 15-May-18

|                               |      |      |       |      |  |      |          |  |  |  |
|-------------------------------|------|------|-------|------|--|------|----------|--|--|--|
| 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     | 49.2 |      | mg/kg | 50.0 |  | 98.3 | 41-142   |  |  |  |
| Surrogate: 1-Chlorooctadecane | 50.3 |      | mg/kg | 50.0 |  | 101  | 37.6-147 |  |  |  |

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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: KAISER STATE SWD  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONE

Reported:  
21-May-18 16:59

**Petroleum Hydrocarbons by GC FID - Quality Control**
**Cardinal Laboratories**

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

**Batch 8051507 - General Prep - Organics**
**LCS (8051507-BS1)**

Prepared &amp; Analyzed: 15-May-18

|                               |      |      |       |      |  |     |          |  |  |  |
|-------------------------------|------|------|-------|------|--|-----|----------|--|--|--|
| GRO C6-C10                    | 214  | 10.0 | mg/kg | 200  |  | 107 | 76.5-133 |  |  |  |
| DRO >C10-C28                  | 216  | 10.0 | mg/kg | 200  |  | 108 | 72.9-138 |  |  |  |
| Total TPH C6-C28              | 430  | 10.0 | mg/kg | 400  |  | 108 | 78-132   |  |  |  |
| Surrogate: 1-Chlorooctane     | 56.4 |      | mg/kg | 50.0 |  | 113 | 41-142   |  |  |  |
| Surrogate: 1-Chlorooctadecane | 58.7 |      | mg/kg | 50.0 |  | 117 | 37.6-147 |  |  |  |

**LCS Dup (8051507-BS1)**

Prepared &amp; Analyzed: 15-May-18

|                               |      |      |       |      |  |     |          |        |      |  |
|-------------------------------|------|------|-------|------|--|-----|----------|--------|------|--|
| GRO C6-C10                    | 215  | 10.0 | mg/kg | 200  |  | 107 | 76.5-133 | 0.241  | 20.6 |  |
| DRO >C10-C28                  | 216  | 10.0 | mg/kg | 200  |  | 108 | 72.9-138 | 0.149  | 20.6 |  |
| Total TPH C6-C28              | 431  | 10.0 | mg/kg | 400  |  | 108 | 78-132   | 0.0448 | 18   |  |
| Surrogate: 1-Chlorooctane     | 56.1 |      | mg/kg | 50.0 |  | 112 | 41-142   |        |      |  |
| Surrogate: 1-Chlorooctadecane | 57.7 |      | mg/kg | 50.0 |  | 115 | 37.6-147 |        |      |  |

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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: KAISER STATE SWD  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONE

Reported:  
21-May-18 16:59

### Soluble (DI Water Extraction) - Quality Control

### Green Analytical Laboratories

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

#### Batch B805120 - General Prep - Wet Chem

##### Blank (B805120-BLK1)

Prepared: 16-May-18 Analyzed: 18-May-18

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

##### LCS (B805120-BS1)

Prepared & Analyzed: 16-May-18

|          |     |      |           |     |  |      |        |  |  |  |
|----------|-----|------|-----------|-----|--|------|--------|--|--|--|
| Chloride | 236 | 10.0 | mg/kg wet | 250 |  | 94.2 | 85-115 |  |  |  |
|----------|-----|------|-----------|-----|--|------|--------|--|--|--|

##### LCS Dup (B805120-BSD1)

Prepared & Analyzed: 16-May-18

|          |     |      |           |     |  |      |        |       |    |  |
|----------|-----|------|-----------|-----|--|------|--------|-------|----|--|
| Chloride | 234 | 10.0 | mg/kg wet | 250 |  | 93.8 | 85-115 | 0.489 | 20 |  |
|----------|-----|------|-----------|-----|--|------|--------|-------|----|--|

#### Batch B805121 - General Prep - Wet Chem

##### Blank (B805121-BLK1)

Prepared: 16-May-18 Analyzed: 17-May-18

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

##### LCS (B805121-BS1)

Prepared: 16-May-18 Analyzed: 17-May-18

|          |     |      |           |     |  |      |        |  |  |  |
|----------|-----|------|-----------|-----|--|------|--------|--|--|--|
| Chloride | 232 | 10.0 | mg/kg wet | 250 |  | 92.8 | 85-115 |  |  |  |
|----------|-----|------|-----------|-----|--|------|--------|--|--|--|

##### LCS Dup (B805121-BSD1)

Prepared: 16-May-18 Analyzed: 17-May-18

|          |     |      |           |     |  |      |        |      |    |  |
|----------|-----|------|-----------|-----|--|------|--------|------|----|--|
| Chloride | 235 | 10.0 | mg/kg wet | 250 |  | 93.9 | 85-115 | 1.23 | 20 |  |
|----------|-----|------|-----------|-----|--|------|--------|------|----|--|

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Celey D. Keene, Lab Director/Quality Manager



### Notes and Definitions

|       |   |
|-------|---|
| S-06  | The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.  |
| 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<br>Samples reported on an as received basis (wet) unless otherwise noted on report  |

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Celey D. Keene, Lab Director/Quality Manager



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

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

|   |  |  |  |   |  |  |  |                         |  |  |  |
|---|--|--|--|---|--|--|--|-------------------------|--|--|--|
| <b>Company Name:</b> Trinity Oilfield Services & Rentals, LLC |  |  |  | <b>Bill To</b>                                |  |  |  | <b>ANALYSIS REQUEST</b> |  |  |  |
| <b>Project Manager:</b> Ben J. Arguilo                        |  |  |  | <b>P.O. #:</b>                                |  |  |  |                         |  |  |  |
| <b>Address:</b> P.O. Box 2587                                 |  |  |  | <b>Company:</b> Trinity                       |  |  |  |                         |  |  |  |
| <b>City:</b> Hobbs  |  |  |  | <b>Attn:</b>                                  |  |  |  |                         |  |  |  |
| <b>State:</b> NM <b>Zip:</b> 88241                            |  |  |  | <b>Address:</b>                               |  |  |  |                         |  |  |  |
| <b>Phone #:</b> (575)390-7208                                 |  |  |  | <b>Fax #:</b>                                 |  |  |  |                         |  |  |  |
| <b>Project #:</b>   |  |  |  | <b>Project Owner:</b> Permian Water Solutions |  |  |  |                         |  |  |  |
| <b>Project Name:</b> Kaiser State SWD                         |  |  |  | <b>City:</b>                                  |  |  |  |                         |  |  |  |
| <b>Project Location:</b> Lea Co., NM                          |  |  |  | <b>State:</b>                                 |  |  |  |                         |  |  |  |
| <b>Sampler Name:</b> Tristan Payne                            |  |  |  | <b>Phone #:</b>                               |  |  |  |                         |  |  |  |
| <b>Fax #:</b>   |  |  |  |   |  |  |  |                         |  |  |  |

| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX      |            |      |     |        |        | DATE | TIME | TPH (8015M) | BTEX (8021B) | Chloride (300) | ANALYSIS REQUEST |            |        |  |
|----------|-------------|-------------------|--------------|-------------|------------|------|-----|--------|--------|------|------|-------------|--------------|----------------|------------------|------------|--------|--|
|          |             |                   |              | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER: |      |      |             |              |                | ACID/BASE:       | ICE / COOL | OTHER: |  |
| 1        | SP-11 @ 2'  | G                 | 1            | X           |            |      |     |        |        |      |      | X           | X            | X              |                  |            |        |  |
| 2        | SP-11 @ 13' | G                 | 1            | X           |            |      |     |        |        |      |      | X           | X            | X              |                  |            |        |  |
| 3        | SP-1 @ 10'  | G                 | 1            | X           |            |      |     |        |        |      |      | X           | X            | X              |                  |            |        |  |
| 4        | SP-1 @ 13'  | G                 | 1            | X           |            |      |     |        |        |      |      | X           | X            | X              |                  |            |        |  |
| 5        | SP-2 @ 8'   | G                 | 1            | X           |            |      |     |        |        |      |      | X           | X            | X              |                  |            |        |  |
| 6        | SP-2 @ 13'  | G                 | 1            | X           |            |      |     |        |        |      |      | X           | X            | X              |                  |            |        |  |
| 7        | SP-3 @ 4'   | G                 | 1            | X           |            |      |     |        |        |      |      | X           | X            | X              |                  |            |        |  |
| 8        | SP-3 @ 13'  | G                 | 1            | X           |            |      |     |        |        |      |      | X           | X            | X              |                  |            |        |  |
| 9        | SP-4 @ 2'   | G                 | 1            | X           |            |      |     |        |        |      |      | X           | X            | X              |                  |            |        |  |
| 10       | SP-4 @ 10'  | G                 | 1            | X           |            |      |     |        |        |      |      | X           | X            | X              |                  |            |        |  |

|  |  |                      |  |  |  |
|--|--|----------------------|--|--|--|
| <b>Relinquished By:</b> <i>Tristan Payne</i> |  | <b>Date:</b> 5-14-18 |  | <b>Received By:</b> <i>Seawara Chabber</i> |  |
| <b>Relinquished By:</b>                      |  | <b>Date:</b>         |  | <b>Received By:</b>                        |  |
| <b>Time:</b> 15:15                           |  | <b>Time:</b>         |  | <b>Time:</b>                               |  |

|  |  |  |
|--|--|--|
| <b>Delivered By:</b> (Circle One) <i>4.4e</i>                | <b>Sample Condition</b><br>Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> | <b>CHECKED BY:</b><br>(Initials) <i>TE.HJS</i> |
| <b>Sampler - UPS - Bus - Other:</b> <i>Consolidated 4.35</i> | <b>Yes</b> <input checked="" type="checkbox"/> <b>No</b> <input checked="" type="checkbox"/>                   | <b>REMARKS:</b>                                |

Please e-mail results to ben@trinityoilfieldservices.com & todd@trinityoilfieldservices.com



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

+ Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



101 East Marland, Hobbs, NM 88240  
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FORM-006  
Revision 1.0

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