| | | | ***** LI | QUID | SPILLS - | VOL | UME CALCULATIO | NS ***** | | |
|--|--------------------------|------------|-------------------|--------|-------------|----------|----------------------|-------------------------|----------|--------------------------------|
| Lo | ocation of spill: | RED TANK | C 30 31 ST COM 24 | ΙΥ | | (32.36 | 95283, -103.6039297) | Date of Spill: | | 2/1/2018 |
| | | | | | | | | Site Soil Type: | ŀ | KD — Kermit-Palomas fine sands |
| Estimate | ed Daily Production Loss | : 45 | BBL Oil | 0 | BBL Water | | | | | |
| | Total | Area Calci | ulations | | | | | | | |
| Total Surface Area | width | | length | | wet soil de | | oil (%) | | | |
| Rectangle Area #1 | 20.0 ft | Х | 30.0 ft | Х | 32.0 | in | 100% | | | |
| Rectangle Area #2 | ft | X | ft | X | | in | 0% | | | |
| Rectangle Area #3 | ft | Х | ft | Х | | in | 0% | | | |
| Rectangle Area #4 | ft ft | X | ft | X | | in : | 0% | | | |
| Rectangle Area #5 Rectangle Area #6 | π ft | X X | ft ft | X X | | in in | 0% 0% | | | |
| Rectangle Area #7 | ft | X | ft | X | | in | 0% | | | |
| Rectangle Area #8 | ft | X | ft | X | | in | 0% | | | |
| Porosity | 0.160 gal per gal | | | | | | | | | |
| | | | | | | | | | | |
| <u>Saturated</u> | Soil Volume Calculation | ns: | | | | | | | | - |
| | | | <u>H2O</u> | | <u>OIL</u> | | | Soil Type | Porosity | |
| Area #1 | 600 sq. ft. | | cu. ft. | | 1,600 | cu. ft. | | Clay | 0.15 | |
| Area #2 | 0 sq. ft. | | cu. ft. | | | cu. ft. | | Peat | 0.40 | |
| Area #3 | 0 sq. ft. | | cu. ft. | | | cu. ft. | | Glacial Sediments | 0.13 | |
| Area #4 | 0 sq. ft. | | cu. ft. | | | cu. ft. | | Sandy Clay | 0.12 | |
| Area #5 | 0 sq. ft. | | cu. ft. | | | cu. ft. | | Silt | 0.16 | |
| | 0 sq. ft. | | cu. ft. | | | cu. ft. | | Loess | 0.25 | 1 |
| Area #6 | 0 34. 11. | | cu. ft. | | | cu. ft. | | Fine Sand | 0.16 | 1 |
| Area #6 Δrea #7 | n sa ft | | | | | ou. it. | | | | |
| Area #7 | 0 sq. ft. | | | | | CU ft | | IMedium Sand | 0.25 | |
| | 0 sq. ft. | | cu. ft. | | | cu. ft. | | Medium Sand | 0.25 | |
| Area #7 | • | | | | 1,600 | cu. ft. | | Medium Sand Coarse Sand | 0.25 | |
| Area #7 Area #8 | 0 sq. ft. | | cu. ft. | | 1,600 | | | | | |

<u>OIL</u>

BBL

<u>BBL</u>

BBL

45.6

45.6

45.6

H20

0.0 BBL

0.0 BBL

0.0 BBL

Liquid in Soil:

Spill Liquid

Recovered Volumes

0.0 BBL 0.0 BBL

Liquid Recovered :

Total Spill Liquid:

Estimated oil recovered:

Estimated water recovered:

Medium Gravel

Coarse Gravel

Sandstone

Limestone Basalt

Volcanic Tuff

Standing Liquids

Siltstone

Shale

0.25

0.18

0.25

0.18

0.05

0.13

0.19

0.20

Received by OCD: 12/21/2023 12:04:43 PM

State of New Mexico Energy Minerals and Natural Resources

Form C-141
Revised April 3, 2017

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

| | | | | | OPERAT | OR | | 🔀 Initia | l Report | Final | Repo |
|--|--|--|---|--|--|--|--|--|--|--|-------|
| Name of Company OXY USA INC | | | | | Contact WADE DITTRICH | | | | | | |
| Address PO BOX 4294; HOUSTON, TX 77210 Facility Name RED TANK 30 31 ST COM 24Y | | | | | Telephone No. 575-390-2828 | | | | | | |
| | | | | | Facility Type WELL | | | | | | |
| Surface Owner STATE Mineral Owner | | | | Owner | STATE | | | API No. | . 30-025- | 44161 | |
| | | | | | OF REL | | | | | | |
| Unit Letter Section | Township | Range | Feet from the | North/ | South Line | Feet from the | East/ | West Line | | County | |
| A 30 | 228 | 33E | 200 | N | ORTH | 270 | | EAST | | LEA | |
| | | Latitu | ude_32.369528 | 3 _ Lon | gitude103 | 3.6039297 N | IAD83 | 3 | | | |
| | | | NAT | URE | OF RELE | | | | | | |
| Type of Release OIL | lista - f t | | | 1 1 | Volume of R | | | Volume R | | 0 bbls | |
| | | anks ma | nway was not s | ealed. | 2-1-2018 | our of Occurrence | е | Date and I | Hour of Disc | overy | |
| Was Immediate Notice Giv | | Yes \square | No Not R | eonired | If YES, To V | Whom? J-NMOCD; KEN | JDA N | 1ONTOVA- | SI O | | |
| By Whom? WADE DIT | | | | | | our 2-2-2018 @ | | | | | |
| Was a Watercourse Reache | | | | | | ume Impacting t | | | | | |
| | | Yes 🛚 | No | | | | | | | | |
| If a Watercourse was Impa | cted, Describ | e Fully.* | | | DE | CENTED | | | | | |
| | | | | | | CEIVED | | | | | |
| | | | | | Ry C | Olivia Yu a | 2+ 1 | -51 nm | Feb 06 | 2018 | |
| | - 15 | | | | Бус | | aι ι. | .54 pm, | 7 00 00 | , 2010 | |
| Describe Cause of Problem | | | | | | | | • | - | | - |
| Describe Cause of Problem Leak was caused when equ | | | | as not se | | | | • | - | | ice. |
| Leak was caused when equ | ualizing the fr | ac tanks | and a manway w | as not se | | | | • | - | | ice. |
| Leak was caused when equ Describe Area Affected and | ualizing the front | rac tanks | and a manway w | | aled. The issu | e has been corre | cted ar | nd equipmen | t has been re | turned to serv | |
| Leak was caused when equivalent Describe Area Affected and The affected area is 30x20 | ualizing the front of Cleanup Ac | rac tanks a | and a manway w en.* are subject to cl | | aled. The issu | e has been corre | cted ar | nd equipmen | t has been re | turned to serv | |
| Leak was caused when equ | ualizing the front of Cleanup Ac | rac tanks a | and a manway w en.* are subject to cl | | aled. The issu | e has been corre | cted ar | nd equipmen | t has been re | turned to serv | |
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| Incident ID | NOY1803750274 |
|----------------|---------------|
| District RP | |
| Facility ID | |
| Application ID | |

Closure

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

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

| ✓ A scaled site and sampling diagram as described in 19.15.29. | 11 NMAC | | | | |
|--|--|--|--|--|--|
| Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection) | | | | | |
| ☐ Laboratory analyses of final sampling (Note: appropriate OD | C District office must be notified 2 days prior to final sampling) | | | | |
| ✓ Description of remediation activities | | | | | |
| | | | | | |
| and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and rethuman health or the environment. In addition, OCD acceptance of | ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in | | | | |
| Printed Name: Wade Dittrich | Title: Environmental Coordinator | | | | |
| Signature: La le Detrih | Date: 12/20/2023 | | | | |
| email: Wade_Dittrich@oxy.com | Telephone: <u>575-390-2828</u> | | | | |
| | | | | | |
| OCD Only | | | | | |
| Received by: | Date: | | | | |
| | of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible for regulations. | | | | |
| Closure Approved by: | Date: | | | | |
| Printed Name: | Title: | | | | |

| | Page 4 of 27 | 78 |
|----------------|---------------|----|
| Incident ID | NOY1803750274 | |
| District RP | | |
| Facility ID | | |
| Application ID | | |

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

| What is the shallowest depth to groundwater beneath the area affected by the release? | NA (ft bgs) | | | |
|--|-------------|--|--|--|
| Did this release impact groundwater or surface water? | ☐ Yes ☑ No | | | |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? | ☐ Yes ☑ No | | | |
| Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? | ☐ Yes ☑ No | | | |
| Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? | ☐ Yes ☑ No | | | |
| Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? | ☐ Yes ☑ No | | | |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? | ☐ Yes ☑ No | | | |
| Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? | ☐ Yes ☑ No | | | |
| Are the lateral extents of the release within 300 feet of a wetland? | ☐ Yes ☑ No | | | |
| Are the lateral extents of the release overlying a subsurface mine? | ☐ Yes ☑ No | | | |
| Are the lateral extents of the release overlying an unstable area such as karst geology? | ☐ Yes ☑ No | | | |
| Are the lateral extents of the release within a 100-year floodplain? | ☐ Yes ☑ No | | | |
| Did the release impact areas not on an exploration, development, production, or storage site? | ☐ Yes ☑ No | | | |
| Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of so contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics. | | | | |
| Characterization Report Checklist: Each of the following items must be included in the report. | | | | |
| ✓ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring well Field data ✓ Data table of soil contaminant concentration data ✓ Depth to water determination ✓ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release ✓ Boring or excavation logs ✓ Photographs including date and GIS information ✓ Topographic/Aerial maps ✓ Laboratory data including chain of custody | ls. | | | |
| | | | | |

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

Received by OCD: 12/21/2023 12:04:43 PM Form C-141 State of New Mexico Page 4 Oil Conservation Division

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| Incident ID | NOY1803750274 |
|----------------|---------------|
| District RP | |
| Facility ID | |
| Application ID | |

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

Printed Name: Wade Dittrich

Signature:

Date:

Title:

Environmental Coordinator

Date:

12/20/2023

Telephone:

575-390-2828

Date:

Date:

Date:

Date:

Date:



State of New Mexico Oil Conservation Division

| | LNIONI COSTEGORIA |
|----------------|-------------------|
| Incident ID | NOY1803750274 |
| District RP | 1RP-4957 |
| Facility ID | |
| Application ID | |

Released to Imaging: 12/22/2023 7:52:18 AM

Remediation Plan

| Remediation Plan Checklist: Each of the following items must be | e included in the plan. |
|--|--|
| ✓ Detailed description of proposed remediation technique ✓ Scaled sitemap with GPS coordinates showing delineation point ✓ Estimated volume of material to be remediated ✓ Closure criteria is to Table 1 specifications subject to 19.15.29. ✓ Proposed schedule for remediation (note if remediation plan times) | 12(C)(4) NMAC |
| Deferral Requests Only: Each of the following items must be con | firmed as part of any request for deferral of remediation. |
| Contamination must be in areas immediately under or around predeconstruction. | roduction equipment where remediation could cause a major facility |
| Extents of contamination must be fully delineated. | |
| Contamination does not cause an imminent risk to human health | n, the environment, or groundwater. |
| | e and remediate contamination that pose a threat to groundwater, acceptance of a C-141 report does not relieve the operator of |
| Printed Name: Wade Dittrich | Title: Environmental Coordinator |
| Signature: Jale Little | Date: 5/8/2019 |
| email: Wade_Dittrich@oxy.com | Telephone: (575)390-2828 |
| | |
| OCD Only | |
| Received by: Robert Hamlet | Date: 4/22/2020 |
| Approved | Approval |
| Signature: 4 / / / / / / / / / / / / / / / / / / | Date: 4/22/2020 |



Remediation Approval - OXY - Red Tank 30-31 St Com 24Y (Incident #NOY1803750274) (1RP-4957)

Hamlet, Robert, EMNRD < Robert. Hamlet@state.nm.us>

Wed, Apr 22, 2020 at 9:56 AM

To: Wade Dittrich < Wade_Dittrich@oxy.com>

Cc: "Ben J. Arguijo" <ben@trinityoilfieldservices.com>, "Bratcher, Mike, EMNRD" <mike.bratcher@state.nm.us>, "Venegas, Victoria, EMNRD" <Victoria.Venegas@state.nm.us>, "Eads, Cristina, EMNRD" <Cristina.Eads@state.nm.us>, "Mann, Ryan" <rmann@slo.state.nm.us>, "Billings, Bradford, EMNRD" <Bradford.Billings@state.nm.us>

Wade.

We have received your Workplan/Remediation Proposal for <u>Incident #NOY1803750274</u> Red Tank 30-31 St Com 24Y, thank you. This Workplan/Remediation proposal is approved.

Please let me know if you have any further questions.

Regards,

Robert J Hamlet

State of New Mexico

Energy, Minerals, and Natural Resources

Oil Conservation Division

811 S. First St., Artesia NM 88210

(575) 748-1283

Robert.Hamlet@state.nm.us

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

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Remediation Approval - OXY - Red Tank 30-31 St Com 24Y.pdf 136K



December 20th, 2023

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

Re: Closure Request

Red Tank 30 31 State Com 24Y Tracking #: NOY1803750274

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

| Site Information | | | |
|--------------------------|------------------------------|--|--|
| Incident ID | NOY1803750274 | | |
| Site Name | Red Tank 30 31 State Com 24Y | | |
| Company | OXY USA, Inc. | | |
| County | Lea | | |
| ULSTR | A-30-22S-33E | | |
| GPS Coordinates (NAD 83) | 32.3695283, -103.6039297 | | |
| Landowner | State | | |

HISTORICAL RELEASE BACKGROUND

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

On 2/2/2018, OXY USA, Inc. reported a release at the Red Tank 30 31 State Com 24Y. The release was caused when a manway was not properly sealed during frac tank equalization. Approximately 481 sqft. of the Pad was found to be damp upon initial inspection.

| Release Information | | | |
|-----------------------------------|-------------------------------|--|--|
| Date of Release | 2/1/2018 | | |
| Type of Release | Crude Oil | | |
| Source of Release | Equipment Failure | | |
| Volume Released – Produced Water | 0 bbls | | |
| Volume Recovered – Produced Water | 0 bbls | | |
| Volume Released – Crude Oil | 45 bbls | | |
| Volume Recovered – Crude Oil | 0 bbls | | |
| Affected Area – Damp Soil | Pad - Approximately 481 sqft. | | |
| Site Location Map | Attached | | |

SITE CHARACTERIZATION AND CLOSURE CRITERIA

Depth to Groundwater/Wellhead Protection:

| Data Source | Well Number | Data Date | Depth (ft.) |
|-------------|-------------|------------|-------------|
| NM OSE | NA | NA | NA |
| USGS | NA | NA | NA |
| Soil Bore | SB-05 | 11/14/2022 | 106' |

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

A recent soil bore in proximity of the release site was utilized to document depth to groundwater. On 11/14/2022, Trinity was onsite to drill a groundwater determination borehole (SB-05) to 106' below ground surface within a ½ mile radius of the incident location. The borehole was left open for 72 hours and checked for the presence of groundwater. As a result, no water was detected at 106' below surface at the borehole location (32.3535285, -103.6045192). The driller log is attached for reference.

General Site Characterization:

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

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

Closure Criteria:

| On-Site & Off-Site 4ft bgs Recommended Remedial Action Levels (RRALs) | | | | | | | |
|---|-----------|--|--|--|--|--|--|
| Chlorides | 600 mg/kg | | | | | | |
| TPH (GRO and DRO and MRO) | 100 mg/kg | | | | | | |
| TPH (GRO and DRO) | NA | | | | | | |
| BTEX | 50 mg/kg | | | | | | |
| Benzene | 10 mg/kg | | | | | | |

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

INITIAL ASSESSMENT AND REMEDIATION ACTIVITIES

Initial Sample Activities:

| Delineation Summary | | | | | | |
|---------------------|-------------------------|--|--|--|--|--|
| Delineation Dates | 03/19/2019 - 04/17/2019 | | | | | |
| Depths Sampled | 1.5' - 8' | | | | | |
| Delineation Map | Attached | | | | | |
| Laboratory Results | Table 1 | | | | | |

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

Confirmation Activities:

| Remediation Summary | | | | | | | |
|--|-----------|--|--|--|--|--|--|
| Remediation Dates | 6/20/2023 | | | | | | |
| Workplan Approval | 4/22/2020 | | | | | | |
| Liner Variance Request | None | | | | | | |
| Deferral Request | None | | | | | | |
| Depths Excavated | 2' | | | | | | |
| Area Represented by the required 5-point | 200 saft | | | | | | |
| Confirmation Samples – Floors and Walls | 200 sqft. | | | | | | |
| Total Volume of Excavated Soil | 36 yards | | | | | | |
| Remediation Map | Attached | | | | | | |
| Laboratory Results | Table 2 | | | | | | |

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

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

SITE RECLAMATION AND RESTORATION

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

REQUEST FOR CLOSURE

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

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

Sincerely,

Dan Dunkelberg Project Manager

Dan Dunkelberg

Cynthia Jordan Project Scientist

Cynthia Jordan

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

OXY USA, INC. RED TANK 30-31 ST COM 24Y LEA COUNTY, NEW MEXICO NMOCD REFERENCE #: 1RP-4957



| | | | | | | | EPA SW | /-846 Metho | d 8021B | | | | EPA SW- | -846 Meth | od 8015M | | EPA 300 |
|----------------------|--------------------------|----------------|----------------|----------------|--------------------|--------------------|------------------------------|----------------------------|-------------------------|-----------------------------|--------------------------|--------------------------|---------------------------|------------------------|---------------------------|--------------------------|---------------------|
| SAMPLE LOCATION | SAMPLE DEPTH (BGS) | SAMPLE DATE | SAMPLE TYPE | SOIL STATUS | BENZENE (mg/kg) | TOLUENE (mg/kg) | ETHYL- BENZENE (mg/kg) | M,P- XYLENES (mg/kg) | O- XYLENE (mg/kg) | TOTAL XYLENES (mg/kg) | TOTAL BTEX (mg/kg) | GRO C6-C12 (mg/kg) | DRO C12-C28 (mg/kg) | GRO+ DRO (mg/kg) | MRO C28-C35 (mg/kg) | TPH C6-C35 (mg/kg) | CHLORIDE (mg/kg) |
| | NMOCD CIO | sure Limits | | | 10 | NE | NE | NE | NE | NE | 50 | NE | NE | 1,000 | NE | 2,500 | 20,000 |
| | | | | | | | | | | | | | | | | | |
| SP-1 E. Floor @ 4' | 4' | 3/19/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | 49.3 | 49.3 | <15.0 | 49.3 | 196 |
| SP-1 W. Floor @ 4' | 4' | 3/19/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | 64.2 | 64.2 | <15.0 | 64.2 | 226 |
| SP-1 E. Wall @ 4' | 4' | 3/19/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <14.9 | <14.9 | <14.9 | <14.9 | <14.9 | 28.3 |
| SP-1 W. Wall @ 4' | 4' | 3/19/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 7.42 |
| SP-1 E. Wall @ 1.5' | 1.5' | 3/22/2019 | Grab | In-Situ | <0.0020 | 0.0043 | <0.0020 | <0.0040 | < 0.0020 | <0.0020 | 0.0043 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 12.7 |
| SP-1 W. Wall @ 1.5' | 1.5' | 3/22/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 25.6 |
| SP-2 N. Floor @ 4' | 4' | 3/19/2019 | Grab | In-Situ | <0.0020 | 0.0086 | 0.0369 | 0.190 | 0.140 | 0.330 | 0.376 | 99.1 | 1,400 | 1,499 | 465 | 1,960 | 263 |
| SP-2 N. Wall @ 4' | 4' | 3/19/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 6.95 |
| SP-2 N. Wall @ 1.5' | 1.5' | 3/22/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 34.2 |
| SP-2 @ 5' | 5' | 4/10/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 208 |
| SP-2 @ 6.5' | 6.5' | 4/11/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 37.6 |
| SP-3 S. Floor @ 4' | 4' | 3/19/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | 258 | 258 | 24.4 | 282 | 202 |
| SP-3 S. Wall @ 4' | 4' | 3/19/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <14.9 | <14.9 | <14.9 | <14.9 | <14.9 | 198 |
| SP-3 S. Wall @ 1.5' | 1.5' | 3/22/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 42.4 |
| SP-4 Floor @ 3' | 3' | 3/19/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 7.50 |
| SP-4 NE Wall @ 1.5' | 1.5' | 3/22/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 19.7 |
| SP-5 Floor @ 3' | 3' | 3/19/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 10.1 |
| SP-5 SE Wall @ 1.5' | 1.5' | 3/22/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <14.9 | <14.9 | <14.9 | <14.9 | <14.9 | 27.7 |
| SP-6 Floor @ 3' | 3' | 3/19/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 82.7 |
| SP-6 S. Wall @ 1.5' | 1.5' | 3/22/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 26.2 |
| SP-7 NW Wall @ 1.5' | 1.5' | 3/22/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 21.0 |
| SP-7 NW Wall @ 4' | 4' | 3/22/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | <5.04 |
| SP-7 @ 1.5' | 1.5' | 3/22/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | < 0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 26.2 |
| SP-7 @ 4' | 4' | 3/22/2019 | Grab | In-Situ | <0.0020 | <0.0020 | 0.0140 | 0.157 | 0.147 | 0.304 | 0.318 | 68.8 | 1,290 | 1,359 | 402 | 1,760 | 37.5 |
| SP-7 @ 5' | 5' | 4/17/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | 21.0 | 21.0 | <15.0 | 21.0 | 81.5 |
| SP-7 @ 8' | 8' | 4/17/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 27.2 |
| NF = Not established | | | | | | | | | | | | | | | | | |

NE = Not established

- = Not analyzed

Concentrations in BOLD exceed the NMOCD Closure Limit

Received by OCD: 12/21/2023 12:04:43 PM

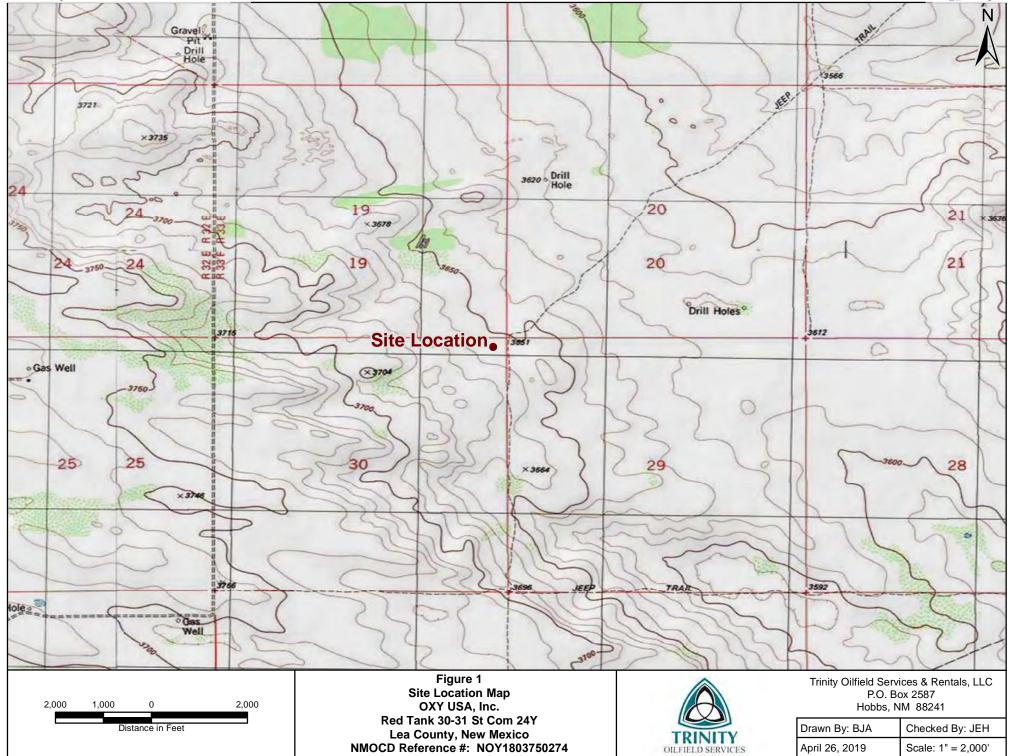
TABLE 2 CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

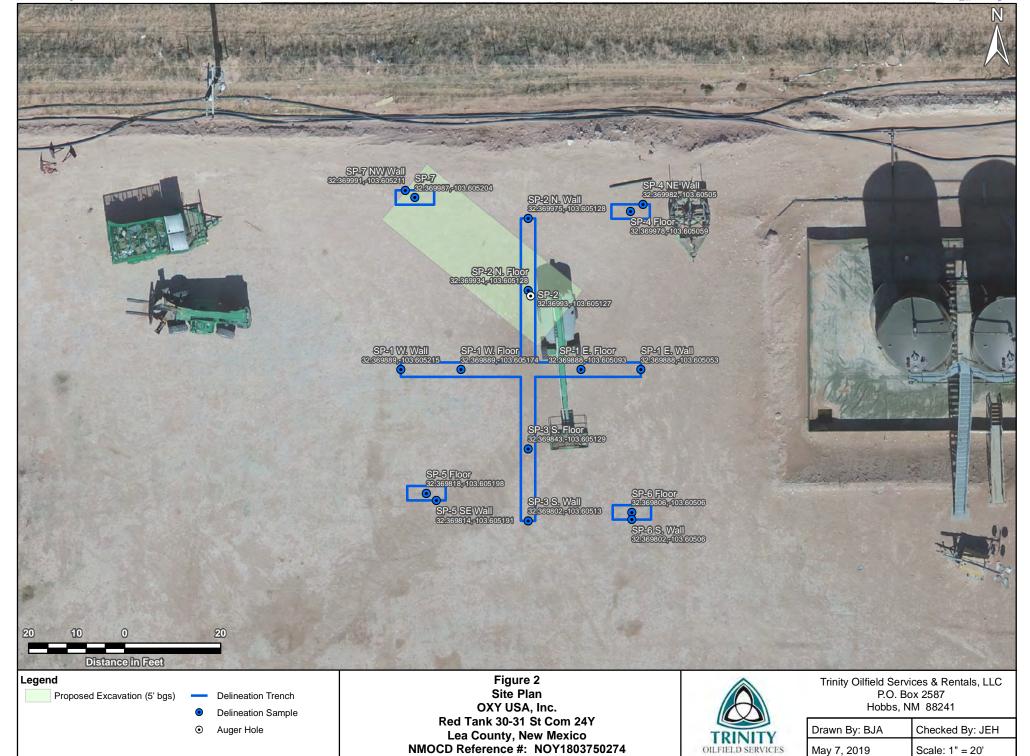
OXY USA, INC. RED TANK 30 31 ST COM 24Y COUNTY, NEW MEXICO NMOCD REFERENCE #: NOY1803750274

Released to Imaging: 12/22/2023 7:52:18 AM



| SAMPLE LOCATION | SAMPLE DEPTH (BGS) | SAMPLE DATE | FLOOR/ WALL | OFF-SITE/ ON-SITE | SAMPLE TYPE | SOIL STATUS | CHLORIDE (mg/Kg) | TPH C6-C36 (mg/Kg) | GRO+ DRO (mg/kg) | GRO C6-C10 (mg/Kg) | DRO C10-C28 (mg/Kg) | MRO C28-C36 (mg/Kg) | TOTAL BTEX (mg/Kg) | BENZENE (mg/Kg) |
|-----------------|------------------------------------|----------------|----------------|----------------------|----------------|----------------|---------------------|--------------------------|------------------------|--------------------------|---------------------------|---------------------------|--------------------------|--------------------|
| | NMOCD Closure Limits Pad | | | | | | | 100 | NE | NE | NE | NE | 50 | 10 |
| | NMOCD Closure Limits Pasture to 4' | | | | | | 600 | 100 | NE | NE | NE | NE | 50 | 10 |
| | | | | | | Remedi | ation Floors | | | | | | | |
| CF-001.0-02.0-S | 2 | 6/20/2023 | Floor | On-Site | Composite | In-Situ | 112.00 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <.300 | <0.50 |
| CF-002.0-02.0-S | 2 | 6/20/2023 | Floor | On-Site | Composite | In-Situ | 304.00 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <.300 | <0.50 |
| CF-003.0-02.0-S | 2 | 6/20/2023 | Floor | On-Site | Composite | In-Situ | 256.00 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <.300 | <0.50 |
| | | | | | | Remedi | ation Walls | | | | | | | |
| CW-001.0-01.0-S | 1 | 6/20/2023 | Wall | On-Site | Composite | In-Situ | 336.00 | 11.50 | 11.50 | <10.0 | 11.50 | <10.0 | <.300 | <0.50 |





OXY USA, Inc. – Red Tank 30-31 State Com 24Y

Unit Letter "A" (NE/NE), Section 30, Township 22S, Range 33E



Release (Looking East-Southeast)



Release (Looking Southeast)

OXY USA, Inc. – Red Tank 30-31 State Com 24Y

Unit Letter "A" (NE/NE), Section 30, Township 22S, Range 33E



Release (Looking West-Southwest)



Release (Looking Northwest)

OXY USA, Inc. – Red Tank 30-31 State Com 24Y

Unit Letter "A" (NE/NE), Section 30, Township 22S, Range 33E



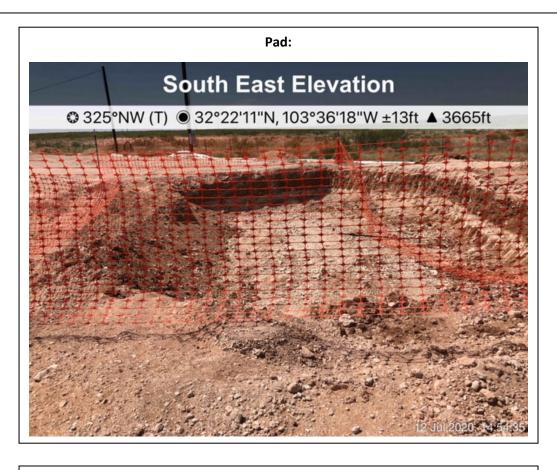
Release (Looking North)

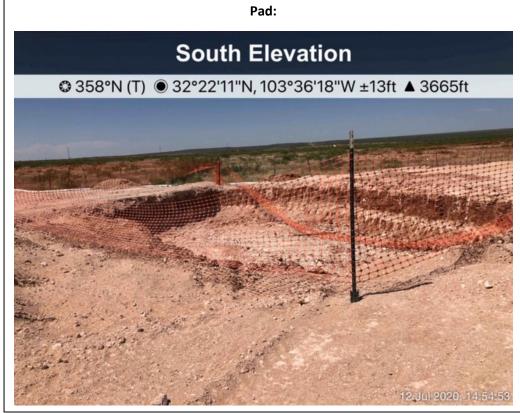


Release (Looking West)



Excavation







Excavation





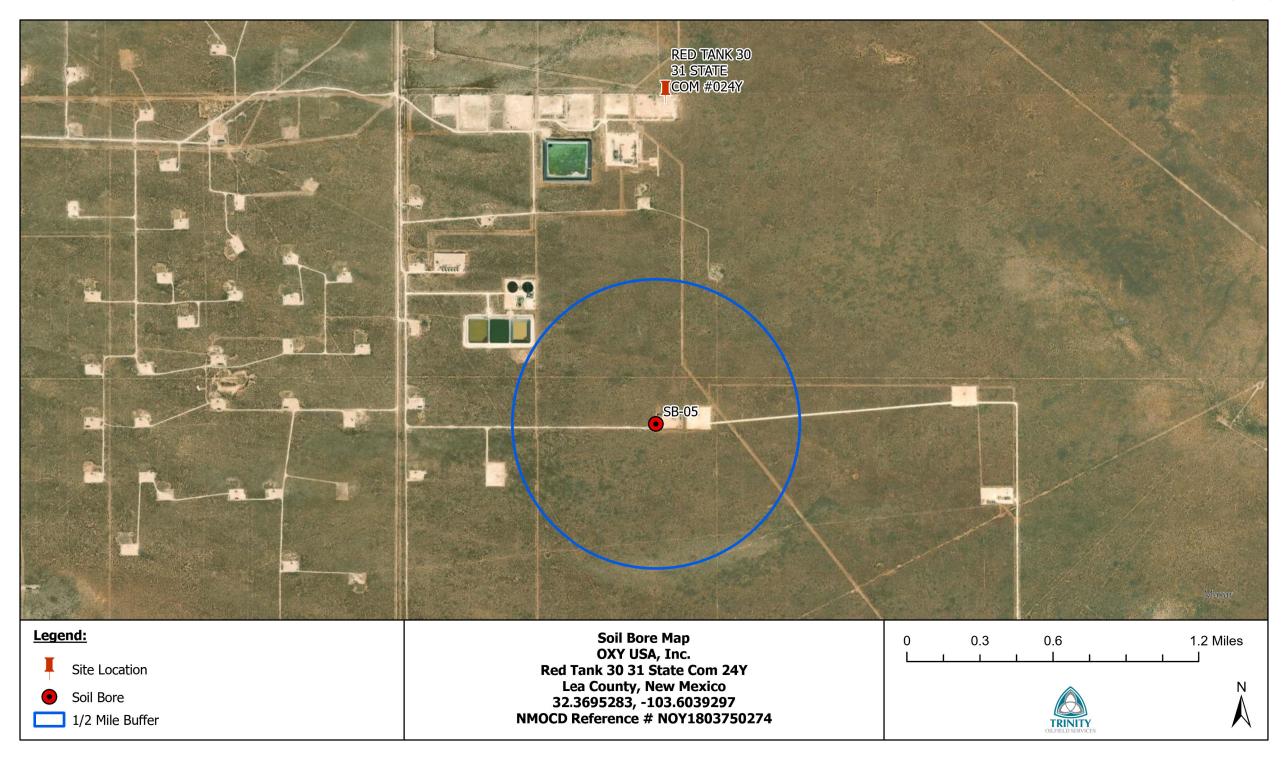


Excavation

Pad:



Received by OCD: 12/21/2023 12:04:43 PM Page 23 of 278





SOIL BORE LOG SB-05

PROJECT NAME Red Tank 31 State #005H **CLIENT** OXY USA, Inc.

DRILLING DATE 11/14/2022 TOTAL DEPTH 106' **COORDINATES** 32.3535285, -103.6045192

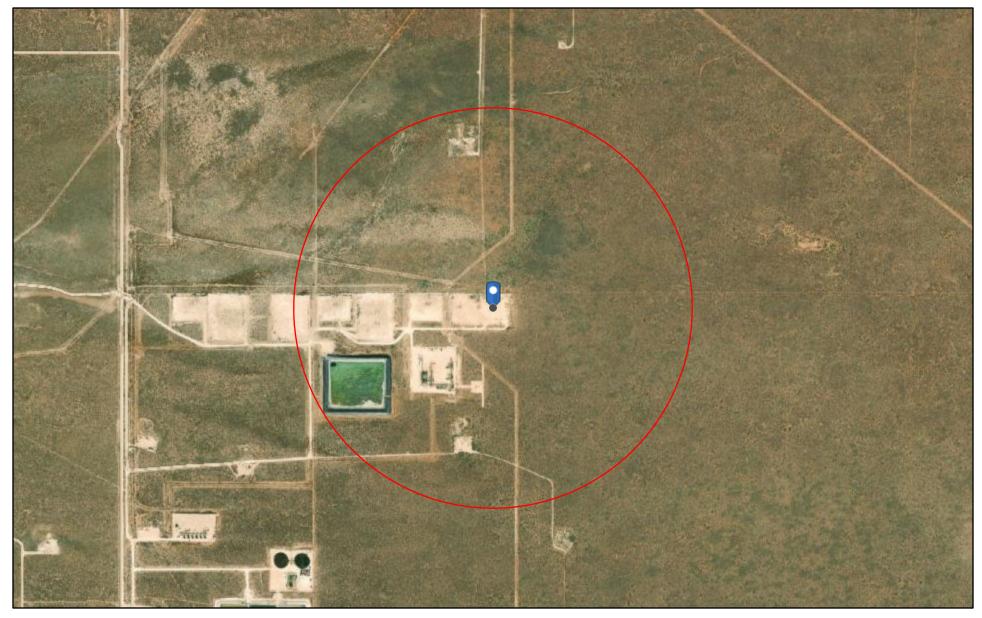
COORD SYS NAD 83 ULSTR A-31-22S-33E SURFACE ELEVATION 3722'

COMMENTS Spud on the Southwest corner of the Red Tank 31 State #005H Well Pad. Bore Hole was observed to be dry after 72 hrs.

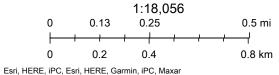
LOGGED BY CJ CHECKED BY DD

| Depth (ft) | Moisture | Material Description | Elevation (ft) |
|------------|----------|--|-------------------|
| | | | |
| 5 | D | Reddish Yellow Sandy Clay Loam. Dry Yellowish Red Sandy Loam. Dry | 3720 |
| 0 | | Reddish Yellow Sandy Clay Loam. Dry | - 3715 |
| 5 | | | 3710 |
| | | | 3705 |
| 20 | | | - 3700 |
| 25 | | Reddish Yellow Sandy Loam. Dry | 3695 |
| 30 | | | 3690 |
| 35 | | Reddish Yellow Sandy Clay Loam. Dry | 3685 |
| 40 | | Reddish Brown Sandy Clay Loam. Dry | 3680 |
| 45 | | Weak Red Sandy Clay Loam. Dry | _ 3675 |
| 50 | | Brown Sandy Clay Loam. Dry | 3670 |
| 55 | | Weak Red Sandy Clay Loam. Dry Light Brown Sandy Clay Loam. Dry | 3665 |
| 60 | | Brown Sandy Clay Loam. Dry | 3660 |
| 65 | | Weak Red Sandy Clay Loam. Dry | |
| 70 | | Brown Sandy Clay Loam. Dry | 3650 |
| 75 | | Brown Sandy Clay Loam. Dry | |
| 30 | | Grayish Brown Sandy Clay Loam. Dry | 3640 |
| 35 | | | 3635 |
| 00 | | | 3630 |
| 95 | | | - 3625 |
| 00 | | Grayish Brown Sandy Clay Loam. Dry | 3620 |
| 105 | | Gray Sandy Clay Loam. Dry | |

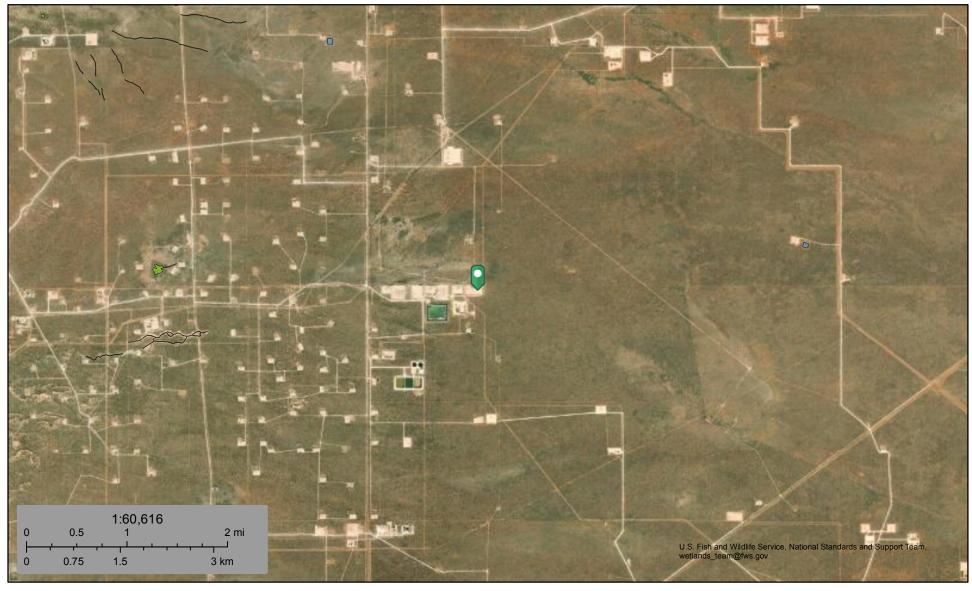
NOY1803750274 | RED TANK 30 31 ST COM 24Y



5/11/2023, 1:07:09 PM



NOY1803750274 | RED TANK 30 31 ST COM 24Y



May 11, 2023

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Pond

Freshwater Forested/Shrub Wetland

Lake

Other



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

National Flood Hazard Layer FIRMette





SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT Without Base Flood Elevation (BFE) With BFE or Depth Zone AE, AO, AH, VE, AR SPECIAL FLOOD HAZARD AREAS Regulatory Floodway 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X **Future Conditions 1% Annual** Chance Flood Hazard Zone X Area with Reduced Flood Risk due to Levee. See Notes. Zone X OTHER AREAS OF Area with Flood Risk due to Levee Zone D FLOOD HAZARD NO SCREEN Area of Minimal Flood Hazard Zone X Effective LOMRs OTHER AREAS Area of Undetermined Flood Hazard Zone D - - - Channel, Culvert, or Storm Sewer **GENERAL** STRUCTURES | LILLILL Levee, Dike, or Floodwall 20.2 Cross Sections with 1% Annual Chance 17.5 Water Surface Elevation **Coastal Transect** www 513 www Base Flood Elevation Line (BFE) Limit of Study **Jurisdiction Boundary** — --- Coastal Transect Baseline OTHER **Profile Baseline FEATURES** Hydrographic Feature Digital Data Available No Digital Data Available MAP PANELS Unmapped

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

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

an authoritative property location.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/11/2023 at 3:20 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



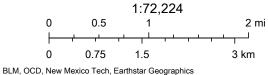
NOY1803750274 | RED TANK 30 31 ST COM 24Y

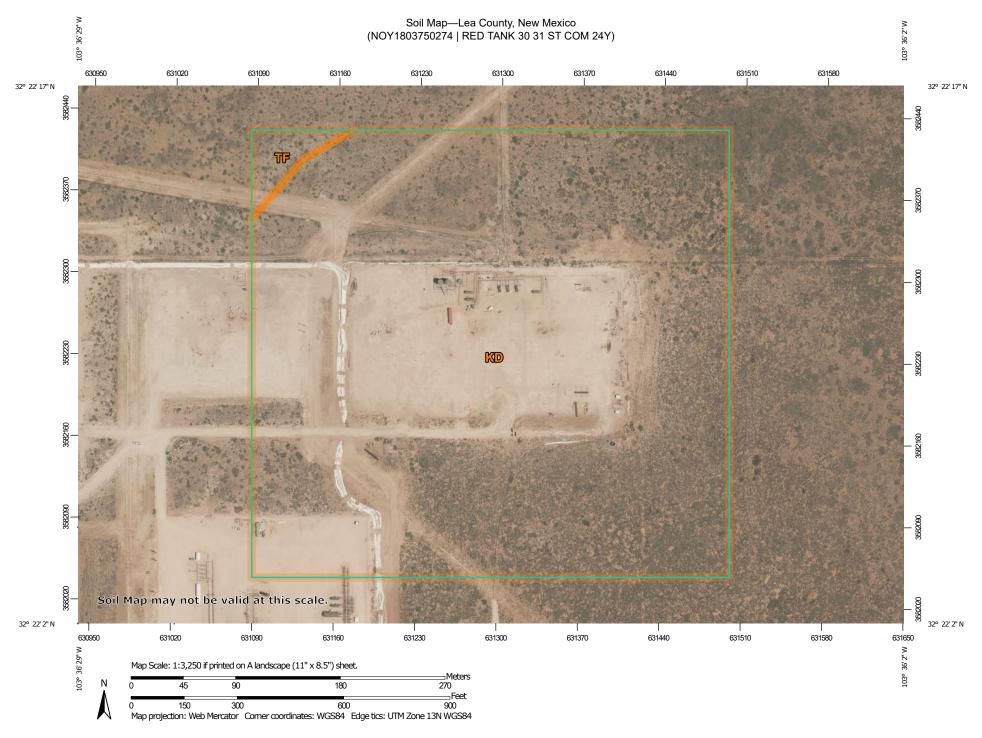


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Karst Occurrence Potential







Soil Map—Lea County, New Mexico (NOY1803750274 | RED TANK 30 31 ST COM 24Y)

MAP LEGEND

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Water Features

Transportation

Background

Spoil Area

Stony Spot

Wet Spot

Other

Rails

US Routes

Major Roads

Local Roads

Very Stony Spot

Special Line Features

Streams and Canals

Interstate Highways

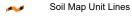
Aerial Photography

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Map Unit Polygons



Soil Map Unit Points

Special Point Features

Blowout

Borrow Pit

Clay Spot

Closed Depression

Gravel Pit

Gravelly Spot

Candfill

Lava Flow

Marsh or swamp

Mine or Quarry

Miscellaneous Water

Perennial Water

Rock Outcrop

Sandy Spot

Severely Eroded Spot

Saline Spot

Sinkhole

Slide or Slip

Sodic Spot

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20.000.

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

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

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

Source of Map: Natural Resources Conservation Service Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Lea County, New Mexico Survey Area Data: Version 19, Sep 8, 2022

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

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

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

Map Unit Legend

| Map Unit Symbol | Map Unit Name | Acres in AOI | Percent of AOI |
|-----------------------------|---|--------------|----------------|
| KD | Kermit-Palomas fine sands, 0 to 12 percent slopes | 38.3 | 98.2% |
| TF | Tonuco loamy fine sand, 0 to 3 percent slopes | 0.7 | 1.8% |
| Totals for Area of Interest | • | 39.0 | 100.0% |



State of New Mexico Oil Conservation Division

| Incident ID | |
|----------------|----------|
| District RP | 1RP-4957 |
| Facility ID | |
| Application ID | |

Released to Imaging: 12/22/2023 7:52:18 AM

Remediation Plan

| Remediation Plan Checklist: Each of the following items must be | included in the plan. |
|---|---|
| ✓ Detailed description of proposed remediation technique ✓ Scaled sitemap with GPS coordinates showing delineation points ✓ Estimated volume of material to be remediated ✓ Closure criteria is to Table 1 specifications subject to 19.15.29.1 ✓ Proposed schedule for remediation (note if remediation plan time) | 2(C)(4) NMAC |
| | |
| Deferral Requests Only: Each of the following items must be con- | firmed as part of any request for deferral of remediation. |
| Contamination must be in areas immediately under or around predeconstruction. | oduction equipment where remediation could cause a major facility |
| Extents of contamination must be fully delineated. | |
| Contamination does not cause an imminent risk to human health | , the environment, or groundwater. |
| I hereby certify that the information given above is true and complet rules and regulations all operators are required to report and/or file complete which may endanger public health or the environment. The acceptant liability should their operations have failed to adequately investigate surface water, human health or the environment. In addition, OCD are sponsibility for compliance with any other federal, state, or local limits and the state of the state | ertain release notifications and perform corrective actions for releases nce of a C-141 report by the OCD does not relieve the operator of and remediate contamination that pose a threat to groundwater, acceptance of a C-141 report does not relieve the operator of |
| Printed Name: Wade Dittrich | Title: Environmental Coordinator |
| Signature: /saleditto | Date: 5/8/2019 |
| email: Wade_Dittrich@oxy.com | Telephone: (575)390-2828 |
| OCD Only | |
| Received by: | Date: |
| ☐ Approved | Approval |
| Signature: | Date: |



Environmental Site Summary & Spill Remediation Proposal (Revised)

| Company: OXY USA, Inc. | Address: P.O. Box 4294, Houston, TX 77210 Telephone #: (575) 390-2828 | | | | | |
|--|--|--|--|--|--|--|
| Site Name: Red Tank 30-31 St Com 24Y | NMOCD Reference#: 1RP-4957 | | | | | |
| Surface Owner: State of New Mexico | Mineral Owner: State of New Mexico | | | | | |
| Unit Letter: A Section: 30 Towns | ship: <u>228</u> Range: <u>33E</u> County: Lea GPS Coordinates: <u>32.3695283</u> N <u>-103.6039297</u> W | | | | | |
| Date/Time of Release: 2/1/2018 | Type of Release: ☑ Crude Oil ☐ Produced Water | | | | | |
| Volume(s) Released: 45 bbls | Volume(s) Recovered: 0 bbls | | | | | |
| Closure Criteria for Impacted Soil (mg/kg; | See Appendix C, "Closure Criteria Justification"): | | | | | |
| Benzene: 10 BTEX: 50 GRO+DRO: | 1,000 TPH: 100 Chloride: 600 | | | | | |
| | | | | | | |
| Background Information: | ☑ 20,000 | | | | | |
| | OXY), discovered a release at the Red Tank 30-31 St Com 24Y well site. A g frac tank equalization, resulting in the release of approximately 45 barrels (bbls) and the tanks were returned to service. | | | | | |
| The release was immediately reported to the New Mexico Oil Conservation Division's (NMOCD) Hobbs District Office and the New Mexico State Land Office (NMSLO). The NMOCD "Release Notification & Corrective Action" form (C-141) is provided as Appendix A. General photographs of the release site are provided in Appendix B. A "Site Location Map" is provided as Figure 1. | | | | | | |

Summary of Field Activities:

On February 2, 2018, Trinity Oilfield Services & Rentals, LLC (Trinity) conducted an initial assessment of the release site. Due to ongoing fracking activity, the presence of numerous frac tanks on-site, and heavy traffic on/around the location, no delineation and/or remediation of the release could be performed safely.

At some point following the February 2018 site assessment, the size of the caliche pad was doubled to accommodate the ongoing fracking activities. A new tank battery was constructed on the north-central side of the caliche pad, in the general vicinity of the release. Additional piping, appurtenances, electrical lines, pumps, flares, etc., were also installed along the northern edge and elsewhere on the pad.

In February 2019, OXY informed Trinity that delineation and remediation of the release site could safely commence. On February 20, 2019, Trinity utilized a drone to capture updated aerial imagery of the location. Based on a review of the aerial imagery and observations made during a subsequent site visit conducted on March 1, 2019, it was determined that the spill area had been covered with up to 3 to 4 feet of caliche during the expansion of the pad. GPS data collected during the February 2018 site assessment was subsequently used to determine the approximate location of the spill.

On March 19, 2019, Trinity commenced delineation of the release. A backhoe was utilized to advance a series of six (6) delineation trenches (SP-1 through SP-6) to investigate the extent of impacted soil. The delineation trenches were advanced to total depths ranging from 3 feet (SP-4 through SP-6) to 4 feet (SP-1 through SP-3) below ground surface (bgs). Soil samples were collected from the floors and sidewalls of the trenches and field-screened utilizing a chloride test kit and olfactory/visual senses. Confirmation samples from each sample location were submitted to Xenco Laboratories in Midland, Texas, for analysis of chloride, total petroleum hydrocarbons (TPH), and benzene, toluene, ethylbenzene, and total xylene (BTEX) concentrations using Environmental Protection Agency (EPA) Methods 300, SW 846-8015 Mod, and SW 846-8021B, respectively. Laboratory analytical results indicated delineation of chloride, BTEX, and TPH contamination had been achieved. However, additional delineation was required to determine the extent of Gas Range Organics (GRO) and Diesel Range Organics (DRO) contamination in the area represented by soil sample SP-2 N. Floor @ 4'.



Environmental Site Summary & Spill Remediation Proposal (Revised)

Summary of Field Activities (cont.):

On March 22, 2019, in an effort to confirm that the release site had indeed been successfully relocated via the February 2018 GPS data, delineation trenches SP-1 through SP-6 were re-entered, and additional soil samples were collected from the sidewalls of the trenches at 1.5 feet bgs. The soil samples were field-screened using a chloride test kit and olfactory/visual senses. Field screens indicated that the release had been successfully relocated, and confirmation samples were submitted to the laboratory for analysis of chloride, TPH, and BTEX concentrations.

A delineation trench (SP-7) was also advanced to further investigate the horizontal and vertical extent of impacted soil to the northwest of the area represented by soil sample SP-2 N. Floor @ 4'. The trench was initially advanced to 1.5 feet bgs, and soil samples were collected from the floor and sidewalls and field-screened with a chloride test kit and olfactory/visual senses. Based on olfactory senses, the trench was advanced to 4 feet bgs, and an additional soil sample was collected from the floor and field-screened. Confirmation samples were submitted to the laboratory for analysis of chloride, TPH, and BTEX concentrations.

Laboratory analytical results indicated delineation of chloride and TPH contamination had been achieved. However, additional delineation was required to determine the extent of BTEX, GRO, and DRO contamination in the area represented by soil sample SP-7 @ 4'.

On April 10 and April 11, 2019, a hand auger was utilized to conduct additional vertical delineation in the area represented by soil sample SP-2 N. Floor @ 4'. The auger hole was advanced in 6-inch to 1-foot intervals to a total depth of approximately 6.5 feet bgs. Soil samples were field-screened with olfactory/visual senses and/or a chloride test kit, and representative confirmation samples were submitted to the laboratory for analysis of chloride, TPH, and BTEX concentrations. Laboratory analytical results indicated delineation of chloride, GRO, DRO, TPH, and BTEX contamination had been achieved.

On April 17, 2019, a backhoe was utilized to conduct additional vertical delineation in the area represented by soil sample SP-7 @ 4'. The trench was advanced in 1-foot intervals to a total depth of approximately 8 feet bgs. Soil samples were field-screened with olfactory/visual senses and/or a chloride test kit, and representative confirmation samples were submitted to the laboratory for analysis of chloride, TPH, and BTEX concentrations. Laboratory analytical results indicated delineation of chloride, GRO, DRO, TPH, and BTEX contamination had been achieved.

Locations of the delineation trenches and auger hole are depicted in Figure 2, "Site Plan". Laboratory analytical results are summarized in Table 1, and analytical reports are provided in Appendix D. Chloride field test results are summarized in Table 2.

An "Environmental Site Summary & Spill Remediation Proposal" was submitted to the NMOCD in May of 2019. However, no response was ever received, and there is no record of the submittal in the NMOCD's online imaging system. This report has been updated in accordance with the guidelines listed in the document entitled "Procedures for Implementation of the Spill Rule (19.15.29 NMAC)", dated September 6, 2019.

Proposed Activities:

OXY proposes to conduct the following activities to progress the Red Tank 30-31 St Com 24Y release site to an NMOCD- and NMSLO-approved closure:

- No excavation will be conducted in the areas represented by delineation trenches SP-1, SP-3, SP-4, SP-5, and SP-6.
- The areas represented by soil samples SP-2 N. Floor @ 4' and SP-7 @ 4' will be excavated to total depths of approximately 5 feet bgs. Soil excavated from the current pad surface to approximately 2 feet bgs will be stockpiled on-site for reuse as backfill material. Soil excavated from approximately 2 to 5 feet bgs will be transferred to Lea Land, Inc. (NMOCD Permit #WM-01-035), for disposal.
- All excavated soil will be stockpiled on 6-mil plastic, pending final disposition.
- The total volume of impacted soil to be excavated is approximately 70 cubic yards.



4/7/2020

Ben J. Arguijo

Project Manager

Environmental Site Summary & Spill Remediation Proposal (Revised)

Proposed Activities (cont.):

- Representative 5-point composite soil samples will be collected from the floor and sidewalls of the excavation(s) and submitted to Xenco Laboratories for confirmatory analyses of chloride, TPH, and/or BTEX concentrations using the EPA analytical methods listed in the "Summary of Field Activities" above. Each composite sample will represent an area measuring no larger than 200 square feet.
- All open excavations will be fenced off during periods of inactivity to prevent injury to oilfield personnel, livestock, and/or wildlife.
- Following remediation activities, the excavation(s) will be backfilled with locally acquired, non-impacted material, compacted, and contoured to fit the surrounding topography.
- The aforementioned corrective actions will be completed within 45 days of receipt of approval of this proposal by the NMOCD and NMSLO. Upon completion of the proposed tasks, a "Remediation Summary & Closure Request" will be submitted to the NMOCD and NMSLO, documenting remediation activities and results of confirmation soil samples.

Enclosures:

Figure 1: Site Location Map

Figure 2: Site Plan

Table 1: Concentrations of Benzene, BTEX, TPH & Chloride in Soil

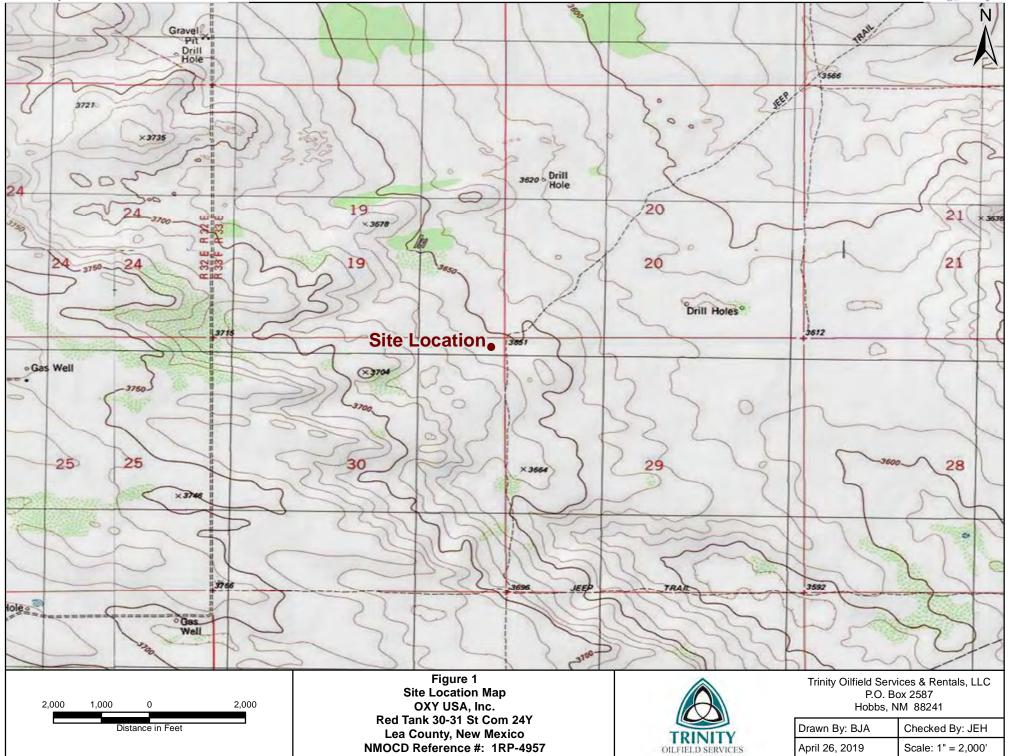
Table 2: Field Tests

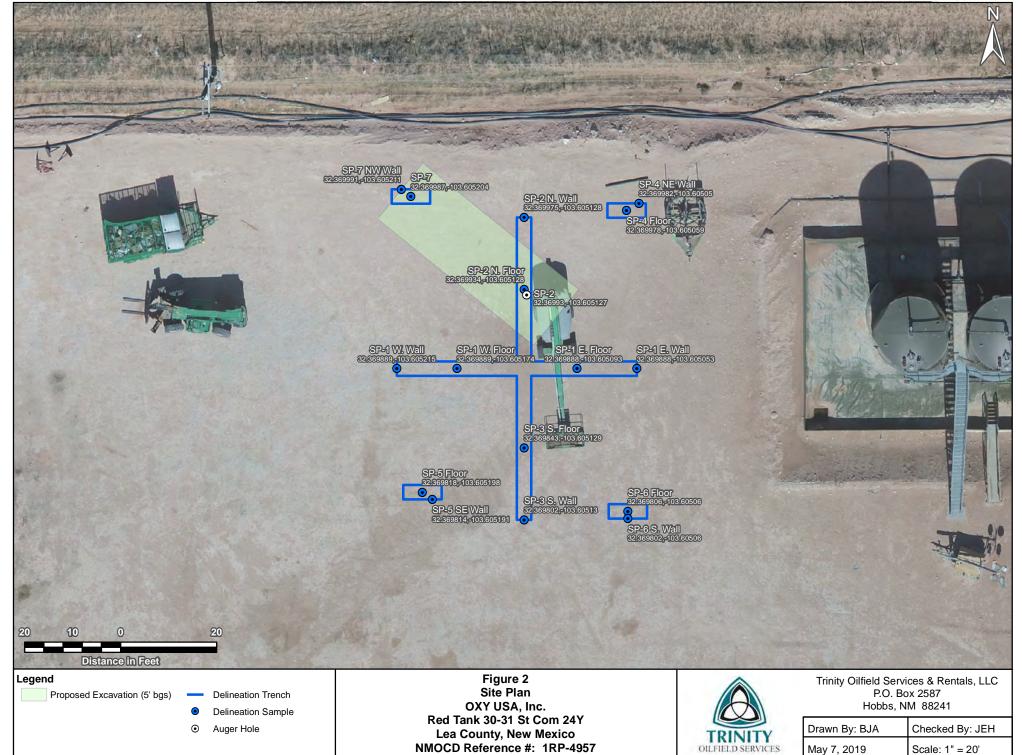
Appendix A: Release Notification & Corrective Action (Form C-141)

Appendix B: Photographs

Appendix C: Closure Criteria Justification
Appendix D: Laboratory Analytical Results

Figures





Tables

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

OXY USA, INC. RED TANK 30-31 ST COM 24Y LEA COUNTY, NEW MEXICO NMOCD REFERENCE #: 1RP-4957



| | | | I | I | | | EPA SW | /-846 Metho | d 8021B | | | EPA SW-846 Method 8015M | | | | EPA 300 | |
|-----------------------|--------------------------|----------------|----------------|----------------|--------------------|--------------------|------------------------------|----------------------------|-------------------------|-----------------------------|--------------------------|--------------------------|---------------------------|------------------------|---------------------------|--------------------------|---------------------|
| SAMPLE LOCATION | SAMPLE DEPTH (BGS) | SAMPLE DATE | SAMPLE TYPE | SOIL STATUS | BENZENE (mg/kg) | TOLUENE (mg/kg) | ETHYL- BENZENE (mg/kg) | M,P- XYLENES (mg/kg) | O- XYLENE (mg/kg) | TOTAL XYLENES (mg/kg) | TOTAL BTEX (mg/kg) | GRO C6-C12 (mg/kg) | DRO C12-C28 (mg/kg) | GRO+ DRO (mg/kg) | MRO C28-C35 (mg/kg) | TPH C6-C35 (mg/kg) | CHLORIDE (mg/kg) |
| | NMOCD CIG | sure Limits | - | - | 10 | NE | NE | NE | NE | NE | 50 | NE | NE | 1,000 | NE | 2,500 | 20,000 |
| | | | | | | | | | | | | | | | | | |
| SP-1 E. Floor @ 4' | 4' | 3/19/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | 49.3 | 49.3 | <15.0 | 49.3 | 196 |
| SP-1 W. Floor @ 4' | 4' | 3/19/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | 64.2 | 64.2 | <15.0 | 64.2 | 226 |
| SP-1 E. Wall @ 4' | 4' | 3/19/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <14.9 | <14.9 | <14.9 | <14.9 | <14.9 | 28.3 |
| SP-1 W. Wall @ 4' | 4' | 3/19/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | < 0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 7.42 |
| SP-1 E. Wall @ 1.5' | 1.5' | 3/22/2019 | Grab | In-Situ | < 0.0020 | 0.0043 | <0.0020 | < 0.0040 | < 0.0020 | < 0.0020 | 0.0043 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 12.7 |
| SP-1 W. Wall @ 1.5' | 1.5' | 3/22/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 25.6 |
| | | | | | | | | | | | | | | 4 400 | 10.5 | 1.000 | |
| SP-2 N. Floor @ 4' | 4' | 3/19/2019 | Grab | In-Situ | <0.0020 | 0.0086 | 0.0369 | 0.190 | 0.140 | 0.330 | 0.376 | 99.1 | 1,400 | 1,499 | 465 | 1,960 | 263 |
| SP-2 N. Wall @ 4' | 4' | 3/19/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 6.95 |
| SP-2 N. Wall @ 1.5' | 1.5' | 3/22/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 34.2 |
| SP-2 @ 5' | 5' | 4/10/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 208 |
| SP-2 @ 6.5' | 6.5' | 4/11/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 37.6 |
| SP-3 S. Floor @ 4' | 4' | 3/19/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | 258 | 258 | 24.4 | 282 | 202 |
| SP-3 S. Wall @ 4' | 4' | 3/19/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <14.9 | <14.9 | <14.9 | <14.9 | <14.9 | 198 |
| SP-3 S. Wall @ 1.5' | 1.5' | 3/22/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 42.4 |
| OI -0 O. Wall (a) 1.0 | 1.0 | 0/22/2013 | GIAD | III-Oitu | 40.0020 | 10.0020 | 10.0020 | ٠٠.٥٥-٠٥ | 10.0020 | 40.0020 | 40.0020 | 110.0 | 110.0 | 110.0 | 110.0 | 110.0 | 12.1 |
| SP-4 Floor @ 3' | 3' | 3/19/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 7.50 |
| SP-4 NE Wall @ 1.5' | 1.5' | 3/22/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 19.7 |
| | | | | | | | | | | | | | | | | | |
| SP-5 Floor @ 3' | 3' | 3/19/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 10.1 |
| SP-5 SE Wall @ 1.5' | 1.5' | 3/22/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <14.9 | <14.9 | <14.9 | <14.9 | <14.9 | 27.7 |
| SP-6 Floor @ 3' | 3' | 3/19/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 82.7 |
| SP-6 S. Wall @ 1.5' | 1.5' | 3/22/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 26.2 |
| SF-0 3. Wall @ 1.5 | 1.5 | 3/22/2019 | Grab | III-OILU | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | ×13.0 | \13.0 | ×13.0 | ×13.0 | ×13.0 | 20.2 |
| SP-7 NW Wall @ 1.5' | 1.5' | 3/22/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 21.0 |
| SP-7 NW Wall @ 4' | 4' | 3/22/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | <5.04 |
| SP-7 @ 1.5' | 1.5' | 3/22/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 26.2 |
| SP-7 @ 4' | 4' | 3/22/2019 | Grab | In-Situ | <0.0020 | <0.0020 | 0.0140 | 0.157 | 0.147 | 0.304 | 0.318 | 68.8 | 1,290 | 1.359 | 402 | 1,760 | 37.5 |
| SP-7 @ 5' | 5' | 4/17/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | 21.0 | 21.0 | <15.0 | 21.0 | 81.5 |
| SP-7 @ 8' | 8' | 4/17/2019 | Grab | In-Situ | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0020 | <0.0020 | <15.0 | <15.0 | <15.0 | <15.0 | <15.0 | 27.2 |
| | | 3,11,2310 | 0.02 | 5.1.3 | 0.0020 | 0.0020 | 0.0020 | 0.00.0 | 0.0020 | 0.0020 | 0.0020 | | .0.0 | .0.0 | | .0.0 | |
| NE - Not astablished | | | | | | | | | | | | | | | | | |

NE = Not established

- = Not analyzed

Concentrations in BOLD exceed the NMOCD Closure Limit

TABLE 2 FIELD TESTS

OXY USA, INC. RED TANK 30-31 ST COM 24Y LEA COUNTY, NEW MEXICO NMOCD REFERENCE #: 1RP-4957



| | 0.41451.5 | | | HACH QUANTAB |
|--|--------------------------|----------------|----------------|---------------------|
| SAMPLE LOCATION | SAMPLE DEPTH (BGS) | SAMPLE DATE | SOIL STATUS | CHLORIDE (mg/Kg) |
| NMOCE | Closure Lin | nit (mg/kg) | | 20,000 |
| SP-1 E. Floor @ 4' | 4' | 3/19/2019 | In-Situ | <128 |
| SP-1 W. Floor @ 4' | 4' | 3/19/2019 | In-Situ | <128 |
| SP-1 E. Wall @ 4' | 4' | 3/19/2019 | In-Situ | <128 |
| SP-1 W. Wall @ 4' | 4' | 3/19/2019 | In-Situ | <128 |
| SP-1 E. Wall @ 1.5' | 1.5' | 3/22/2019 | In-Situ | <128 |
| SP-1 W. Wall @ 1.5' | 1.5' | 3/22/2019 | In-Situ | <128 |
| | | | | |
| SP-2 N. Floor @ 4' | 4' | 3/19/2019 | In-Situ | <128 |
| SP-2 N. Wall @ 4' | 4' | 3/19/2019 | In-Situ | <128 |
| SP-2 N. Wall @ 1.5' | 1.5' | 3/22/2019 | In-Situ | <128 |
| SP-2 @ 5' | 5' | 4/10/2019 | In-Situ | <128 |
| SP-2 @ 6.5' | 6.5' | 4/11/2019 | In-Situ | <128 |
| | | | | |
| SP-3 S. Floor @ 4' | 4' | 3/19/2019 | In-Situ | <128 |
| SP-3 S. Wall @ 4' | 4' | 3/19/2019 | In-Situ | <128 |
| SP-3 S. Wall @ 1.5' | 1.5' | 3/22/2019 | In-Situ | <128 |
| | | | | |
| SP-4 Floor @ 3' | 3' | 3/19/2019 | In-Situ | <128 |
| SP-4 NE Wall @ 1.5' | 1.5' | 3/22/2019 | In-Situ | <128 |
| | | | | |
| SP-5 Floor @ 3' | 3' | 3/19/2019 | In-Situ | <128 |
| SP-5 SE Wall @ 1.5' | 1.5' | 3/22/2019 | In-Situ | <128 |
| | | | | |
| SP-6 Floor @ 3' | 3' | 3/19/2019 | In-Situ | <128 |
| SP-6 S. Wall @ 1.5' | 1.5' | 3/22/2019 | In-Situ | <128 |
| 00 = 1 1 1 1 1 1 1 1 1 1 | 4 =- | 0/00/55:5 | 1 0:: | 455 |
| SP-7 NW Wall @ 1.5' | 1.5' | 3/22/2019 | In-Situ | <128 |
| SP-7 NW Wall @ 4' | 4' | 3/22/2019 | In-Situ | <128 |
| SP-7 @ 1.5' | 1.5' | 3/22/2019 | In-Situ | <128 |
| SP-7 @ 4' | 4' | 3/22/2019 | In-Situ | <128 |
| SP-7 @ 5' | 5' | 4/17/2019 | In-Situ | <128 |
| SP-7 @ 8' | 8' | 4/17/2019 | In-Situ | <128 |
| | | | | |

Appendices

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

State of New Mexico **Energy Minerals and Natural Resources**

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

Form C-141 Revised April 3, 2017

Oil Conservation Division 1220 South St. Francis Dr.

| 220 S. St. Fran | | | D.1. | _ | inta Fe | | 4. | 4.0 | | _ | |
|--|---|--|--|--|--|--|--|--|--|--|--|
| | | | Rele | ase Notific | | | | Actio | | | |
| Name of Co | mnany | OXY USA I | NC | | 1 | OPERAT Contact W | ADE DITTR | ICH | | al Report | Final] |
| | | 294; HOUS | | 77210 | | Telephone N | | | | | |
| Facility Nar | | TANK 30 3 | | | | Facility Type | | | | | |
| Surface Ow | ner STA | TE | • | Mineral C | Owner STATE API No. 30-025-44161 | | | | | | |
| | | | | LOC | ATION | OF REI | EASE | | | | |
| Unit Letter | Section | Township | Range | Feet from the | | North/South Line Feet from the East/West Line County | | | | | |
| Α | 30 | 22S | 33E | 200 | No | ORTH | 270 | | EAST | | LEA |
| | | | Latit | ude_32.369528 | 3 _ Lon | gitude10 | 3.6039297 | NAD8 | 3 | | |
| | | | | NAT | URE | OF RELI | EASE | | | | |
| Type of Rele | | | | | | Volume of | | | | Recovered | 0 bbls |
| Source of Re | lease Eq | ualizing frac | tanks ma | nway was not s | ealed. | Date and H 2-1-2018 | our of Occurren | ice | Date and | Hour of Dis | scovery |
| Was Immedia | ate Notice C | | V | N | | If YES, To | | nere | 40Nmorri | a: c | |
| D., Wk0 | WADED | | Yes 📙 | No Not R | equired | | U-NMOCD; KE | | | 2LO | |
| By Whom? Was a Watero | | | | | | | our 2-2-2018 lume Impacting | | | | - |
| | | | Yes 🛚 | No | | 1 | .ame impacing | 1110 772 | | | |
| | | | | | | | | | | |) |
| | | pacted, Descri | · | | | | CEIVED Olivia Yu | | :54 pm, | , Feb 0 | 6, 2018 |
| Describe Cau | se of Proble | em and Remed | dial Action | | as not sea | Ву | Olivia Yu | at 1 | | - | |
| Describe Cau Leak was cau | se of Problessed when e | em and Remed | dial Actior | 1 Taken.* and a manway w | as not sea | Ву | Olivia Yu | at 1 | | - | |
| Describe Cau Leak was cau Describe Are | se of Problesed when e | em and Remed qualizing the and Cleanup A | dial Action frac tanks Action Tak | n Taken.* and a manway w en.* are subject to cl | | By (| Olivia Yu | at 1 | nd equipmen | nt has been r | returned to serv |
| Describe Cau Leak was cau Describe Are The affected remediation I hereby certi regulations al public health should their cor the environ | se of Problesed when e a Affected a area is 30x; plan approf fy that the ill operators or the environment. In a | em and Remedication and Cleanup A 20ft (measurement) (meas | dial Action frac tanks action Tak arements a NMOCD ven above o report an acceptance adequately OCD accept | n Taken.* and a manway w en.* are subject to cl | hange w blete to the release no ort by the | ith GPS trace | cking). Remed | rected a | will be contained that pursections for relations for relations for more relations. | nt has been respectively. Suant to NM cases which ieve the oper, surface w | accordance wi |
| Describe Cau Leak was cau Describe Are The affected remediation I hereby certi regulations al public health should their cor the environ | se of Problesed when e a Affected a area is 30x; plan approf fy that the ill operators or the environment. In a | em and Remedication and Cleanup A 20ft (measurement) (meas | dial Action frac tanks action Tak arements a NMOCD ven above o report an acceptance adequately OCD accept | and a manway wen.* are subject to cland SLO. is true and completed of a C-141 reprinted in the certain record and such as the certain record and such and such as the certain record and | hange w blete to the release no ort by the | ith GPS trace | cking). Remed | rected a diation underst active at Report freat to frespon | will be contained that pursections for releases not religious water | npleted in a suant to NM cases which ieve the ope r, surface wo | accordance wind accordance wind a may endanger trator of liability ater, human heawith any other |
| Describe Cau Leak was cau Describe Are The affected remediation I hereby certi regulations al public health should their cor the environ federal, state, | se of Problesed when e a Affected a area is 30x; plan approf fy that the ill operators or the environment. In a | em and Remedication and Cleanup A 20ft (measurement) (meas | dial Action frac tanks action Tak arements a NMOCD ven above o report an acceptance adequately OCD accept | and a manway wen.* are subject to cland SLO. is true and completed of a C-141 reprinted in the certain record and such as the certain record and such and such as the certain record and | hange w blete to the release no ort by the | ith GPS trace | cking). Remediate perform corrective as "Final Ion that pose a the operator of | rected a diation underst active at Report freat to frespon | will be contained that pursections for releases not religious water | npleted in a suant to NM cases which ieve the ope r, surface wo | accordance wind accordance wind a may endanger trator of liability ater, human heawith any other |
| Describe Cau Leak was cau Describe Are The affected are remediation I hereby certifications all public health should their corthe environ federal, state, Signature: | se of Problesed when ea Affected a area is 30x plan approfy that the ill operators or the enviroperations harment. In a or local lay | em and Remedicate qualizing the and Cleanup A 20ft (measure oved by the large required to a required to a ddition, NMO we and/or regularity and/or regularity and/or regularity and/or regularity and/or regularity. | dial Action frac tanks action Tak arements a NMOCD ven above o report an acceptance adequately OCD accept | and a manway wen.* are subject to cland SLO. is true and completed of a C-141 reprinted in the certain record and such as the certain record and such and such as the certain record and | blete to the release no ort by the remediate report do | ith GPS trace best of my offications and expensions are also and expensions are also and expensions and expensions are also also and expensions are also also and expensions are also also also also also also also also | cking). Remediate perform corrective as "Final Ion that pose a the operator of | rected a diation diati | will be contained that purse does not religiound water is ibility for containing the containing | npleted in a suant to NM cases which ieve the ope r, surface wo | accordance wind accordance wind a may endanger trator of liability ater, human heawith any other |
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| Describe Cau Leak was cau Describe Are The affected aremediation I hereby certi regulations al public health should their co or the environ federal, state, Signature: Printed Name | se of Problesed when ea Affected a area is 30x plan appropriate plan appropriations in a present or the environment. In a or local law area was a way a constant of the environment. In a or local law area was a way a constant of the environment. In a or local law area was a way a constant of the environment. In a or local law area was a way a constant of the environment. In a or local law area was a way a constant of the environment. In a or local law area was a way a constant of the environment of the | em and Remedicate qualizing the and Cleanup A 20ft (measure oved by the I nformation given are required to a didition, NMO and/or regulation and/or regulation and/or regulation. | dial Action frac tanks | and a manway wen.* are subject to cland SLO. is true and completed of a C-141 reprinvestigate and rance of a C-141 | blete to the release no cort by the remediate report do | ith GPS trace best of my offications and econtamination of the contamination of the contamina | cking). Remediate perform correction that pose a the operator of OIL CONERVICE (2/6/2018). | rected a diation diati | will be contained that pursections for released does not religiound water is billity for contained that we will be contained to the contained that pursections for released to the contained that we will be contained to the contained that the contained that we will be contained to the contained that the contained tha | nt has been respectively. Suant to NM cases which ieve the oper, surface whompliance with the compliance of the complia | accordance wind accordance with any endanger erator of liability ater, human head with any other |
| Describe Cau Leak was cau Describe Are The affected aremediation I hereby certi regulations al public health should their cor the environ federal, state, Signature: Printed Name | se of Problesed when earea is 30x. plan appropriate plan appropriate properations in a problem. In a or local law wade: WADE | em and Remediand Cleanup A 20ft (measure oved by the Information given are required to a didition, NMO and/or regulation of the Information of the | dial Action frac tanks | and a manway wen.* are subject to cland SLO. is true and computor file certain re of a C-141 reprinvestigate and rance of a C-141 | blete to the release no ort by the remediate report do | ith GPS trace best of my otifications and contamination best not relieved Approved by Conditions of | cking). Remediate perform correction that pose a the operator of OIL CONERVICE (2/6/2018). | rected a diation underst ective as Report reat to f responsible. | will be contained that pursections for released does not religiound water is billity for contained that we will be contained to the contained that pursections for released to the contained that we will be contained to the contained that the contained that we will be contained to the contained that the contained tha | npleted in a suant to NM eases which ieve the oper, surface woompliance v | accordance wind accordance with any endanger erator of liability ater, human head with any other |
| Describe Cau Leak was cau Describe Are The affected are mediation I hereby certi regulations al public health should their cor the environ federal, state, Signature: Printed Name Title: ENV E-mail Addre | se of Problesed when ea Affected a area is 30x plan appropriate plan appropriation or the environment. In a or local law was: WADE | em and Remediand Cleanup A 20ft (measure oved by the Information given are required to a didition, NMO and/or regulation of the Information of the | dial Action frac tanks | and a manway wen.* are subject to cland SLO. is true and completed of a C-141 reprinvestigate and rance of a C-141 | blete to the release no ort by the remediate report do | ith GPS trace best of my otifications and contamination best not relieved Approved by Conditions of | cking). Remediate has been considered as "Final Interest on that pose a the operator of OIL CONEnvironmental Section of the direction of the check of the operator of the oper | rected a diation diati | will be contained that pursections for released does not religiound water is billity for contained that we will be contained to the contained that pursections for released to the contained that we will be contained to the contained that the contained that we will be contained to the contained that the contained tha | npleted in a suant to NM eases which ieve the ope ompliance woompliance work work work work work work work work | accordance wind accordance with any endanger erator of liability ater, human head with any other |

Appendix B Photographs

OXY USA, Inc. – Red Tank 30-31 State Com 24Y

Unit Letter "A" (NE/NE), Section 30, Township 22S, Range 33E



Release (Looking East-Southeast)



Release (Looking Southeast)

OXY USA, Inc. – Red Tank 30-31 State Com 24Y

Unit Letter "A" (NE/NE), Section 30, Township 22S, Range 33E



Release (Looking West-Southwest)



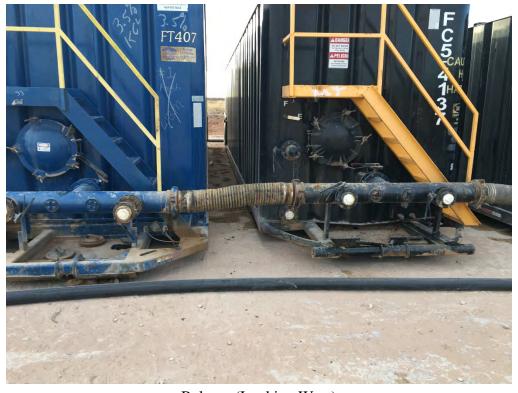
Release (Looking Northwest)

OXY USA, Inc. – Red Tank 30-31 State Com 24Y

Unit Letter "A" (NE/NE), Section 30, Township 22S, Range 33E



Release (Looking North)



Release (Looking West)

Appendix C Closure Criteria Justification

TABLE 3 CLOSURE CRITERIA JUSTIFICATION

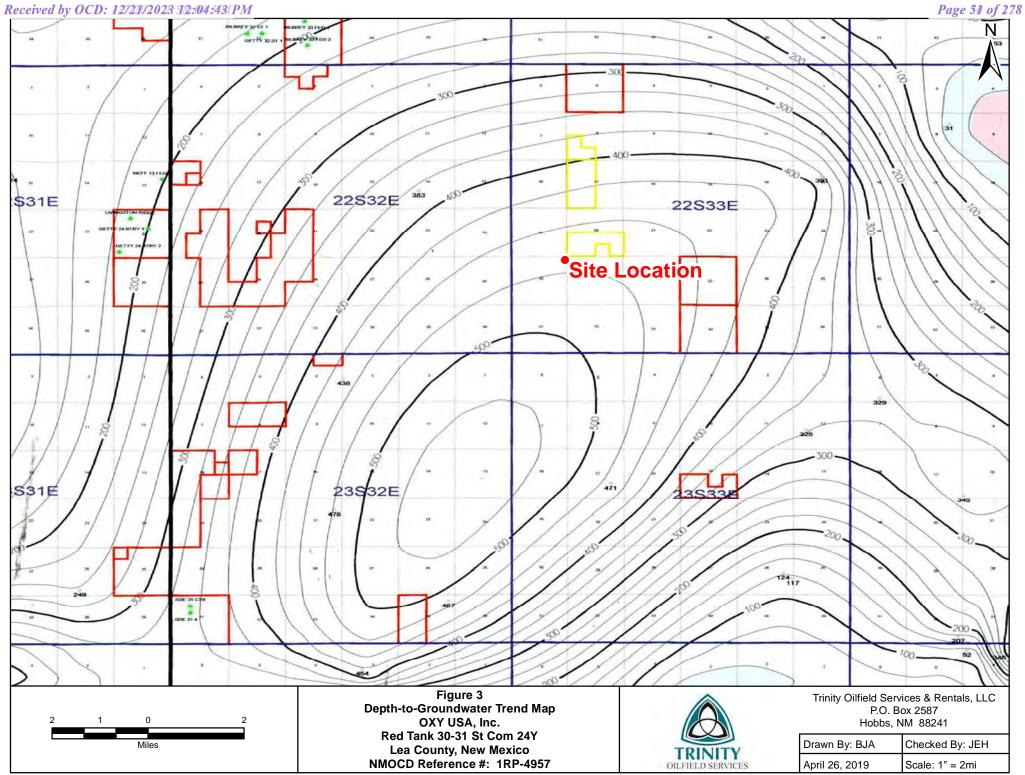


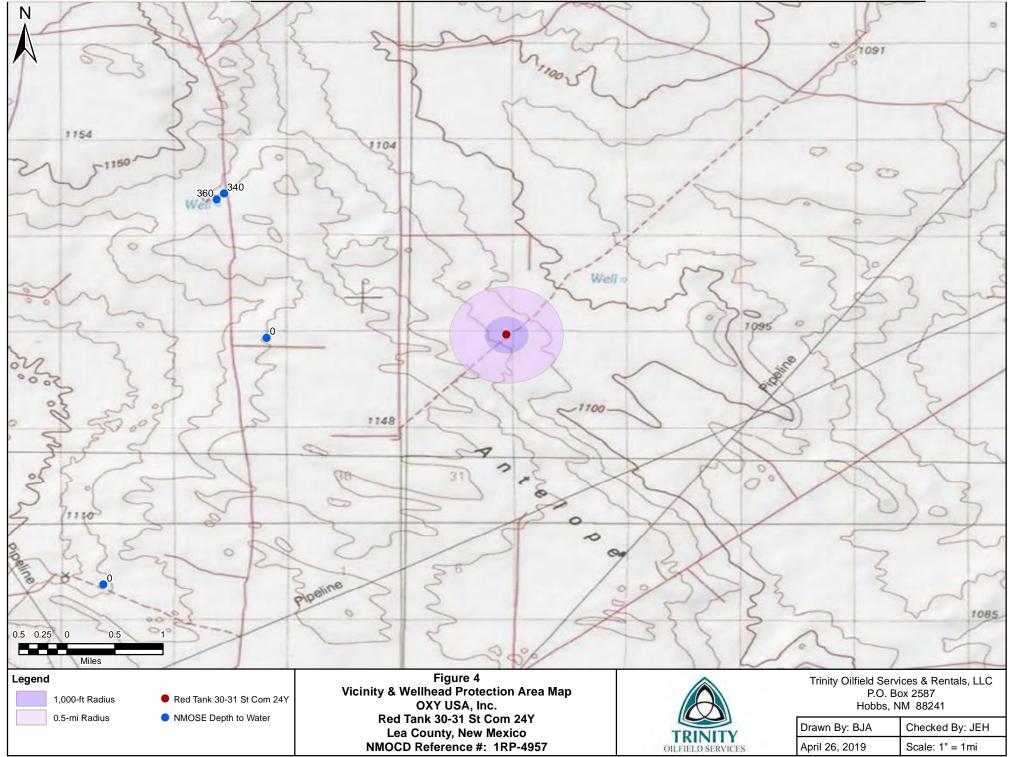


| Groundwater, Water Wells & Other Water Sources | | | | | | | |
|---|--------|--|--|--|--|--|--|
| Depth to groundwater (ft)? | 465 | | | | | | |
| Horizontal distance (ft) from all water sources within 0.5 miles? | N/A | | | | | | |
| Within 500' of a spring or a private, domestic fresh water well used by less than 5 households for domestic or stock watering purposes? | No | | | | | | |
| Within 1000' of any fresh water well or spring? | No | | | | | | |
| Surface Water | | | | | | | |
| Horizontal distance (ft) to nearest significant watercourse? | >1,000 | | | | | | |
| Within 300' of any continuously flowing watercourse or any other significant watercourse? | No | | | | | | |
| Within 200' of any lakebed, sinkhole or playa lake? | No | | | | | | |
| Human-Occupied, Environmental & Other Areas | | | | | | | |
| Within incorporated municipal boundaries or within a defined municipal fresh water well field? | No | | | | | | |
| Within 300' of an occupied permanent residence, school, hospital, institution or church? | No | | | | | | |
| Within 300' of a wetland? | No | | | | | | |
| Within the area overlying a subsurface mine? | No | | | | | | |
| Within an unstable area? | No | | | | | | |
| Within a 100-year floodplain? | No | | | | | | |

| Closure Criteria (mg/kg)* | | | | | | | | | |
|-------------------------------------|--|--|--|--|--|--|--|--|--|
| Benzene BTEX GRO + DRO TPH Chloride | | | | | | | | | |
| 10 50 1,000 2,500 20,000 | | | | | | | | | |

^{*}Numerical limits or natural background level, whichever is greater







New Mexico Office of the State Engineer Water Column/Average Depth to Water

No records found.

UTMNAD83 Radius Search (in meters):

Easting (X): 631340.25 **Northing (Y):** 3582253 Radius: 4023.4

(2.5 miles)

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

Appendix D Laboratory Analytical Reports



Certificate of Analysis Summary 618715

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Project Name: Red Tank 30-31 St. Com 24Y



Project Id:

Contact: Ben Arguijo

Project Location:

Date Received in Lab: Mon Mar-25-19 07:35 am

Report Date: 04-APR-19 **Project Manager:** Holly Taylor

| | | | | | | | | | | | 1 | | |
|------------------------------------|------------|--------------|-----------------|-----------------|---------|-----------------|---------|-----------------|---------|-----------------|---------|-----------------|---------|
| | Lab Id: | 618715-0 | 001 | 618715-0 | 002 | 618715-0 | 003 | 618715- | 004 | 618715- | 005 | 618715- | 006 |
| Analysis Requested | Field Id: | SP-1 E. Wali | 1 @ 4' | SP-1 E. Floo | or @ 4' | SP-1 W. Wa | 11 @ 4' | SP-1 W. Flo | or @ 4' | SP-2 N. Wa | 11 @ 4' | SP-2 N. Floo | or @ 4' |
| Analysis Requesieu | Depth: | | | | | | | | | | | | |
| | Matrix: | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | |
| | Sampled: | Mar-19-19 | 10:57 | Mar-19-19 | 10:54 | Mar-19-19 | 11:08 | Mar-19-19 | 11:06 | Mar-19-19 | 11:41 | Mar-19-19 | 13:39 |
| BTEX by EPA 8021B | Extracted: | Mar-29-19 | Mar-29-19 16:00 | | 16:00 | Mar-28-19 | 17:00 | Mar-28-19 | 17:00 | Mar-28-19 | 17:00 | Mar-28-19 | 17:00 |
| | Analyzed: | Mar-29-19 | Mar-29-19 22:12 | | 22:31 | Mar-29-19 | 08:04 | Mar-29-19 | 08:23 | Mar-29-19 | 08:42 | Mar-29-19 | 09:01 |
| | Units/RL: | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL |
| Benzene | | < 0.00200 | 0.00200 | < 0.00200 | 0.00200 | < 0.00198 | 0.00198 | < 0.00199 | 0.00199 | < 0.00200 | 0.00200 | < 0.00200 | 0.00200 |
| Toluene | | < 0.00200 | 0.00200 | < 0.00200 | 0.00200 | < 0.00198 | 0.00198 | < 0.00199 | 0.00199 | < 0.00200 | 0.00200 | 0.00861 | 0.00200 |
| Ethylbenzene | | < 0.00200 | 0.00200 | < 0.00200 | 0.00200 | < 0.00198 | 0.00198 | < 0.00199 | 0.00199 | < 0.00200 | 0.00200 | 0.0369 | 0.00200 |
| m,p-Xylenes | | < 0.00399 | 0.00399 | < 0.00400 | 0.00400 | < 0.00397 | 0.00397 | < 0.00398 | 0.00398 | < 0.00401 | 0.00401 | 0.190 | 0.00399 |
| o-Xylene | | < 0.00200 | 0.00200 | < 0.00200 | 0.00200 | < 0.00198 | 0.00198 | < 0.00199 | 0.00199 | < 0.00200 | 0.00200 | 0.140 | 0.00200 |
| Total Xylenes | | < 0.00200 | 0.00200 | < 0.00200 | 0.00200 | < 0.00198 | 0.00198 | < 0.00199 | 0.00199 | < 0.00200 | 0.00200 | 0.330 | 0.00200 |
| Total BTEX | | < 0.00200 | 0.00200 | < 0.00200 | 0.00200 | < 0.00198 | 0.00198 | < 0.00199 | 0.00199 | < 0.00200 | 0.00200 | 0.376 | 0.00200 |
| Chloride by EPA 300 | Extracted: | Mar-25-19 | 16:30 | Mar-26-19 08:40 | |
| | Analyzed: | Mar-26-19 | 02:03 | Mar-26-19 | 10:28 | Mar-26-19 | 10:48 | Mar-26-19 | 10:55 | Mar-26-19 | 11:01 | Mar-26-19 | 11:08 |
| | Units/RL: | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL |
| Chloride | | 28.3 | 5.00 | 196 | 4.99 | 7.42 | 4.96 | 226 | 5.03 | 6.95 | 4.95 | 263 | 5.02 |
| TPH By SW8015 Mod | Extracted: | Mar-28-19 | 07:00 | Mar-28-19 | 07:00 | Mar-28-19 | 07:00 | Mar-28-19 | 07:00 | Mar-28-19 | 07:00 | Mar-28-19 | 07:00 |
| | Analyzed: | Mar-28-19 | 11:36 | Mar-28-19 | 11:55 | Mar-28-19 | 12:14 | Mar-28-19 | 13:12 | Mar-28-19 | 13:31 | Mar-28-19 | 13:51 |
| | Units/RL: | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL |
| Gasoline Range Hydrocarbons (GRO) | | <14.9 | 14.9 | <15.0 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | 99.1 | 15.0 |
| Diesel Range Organics (DRO) | | <14.9 | 14.9 | 49.3 | 15.0 | <15.0 | 15.0 | 64.2 | 15.0 | <15.0 | 15.0 | 1400 | 15.0 |
| Motor Oil Range Hydrocarbons (MRO) | | <14.9 | <14.9 14.9 | | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | 465 | 15.0 |
| Total TPH | | <14.9 | 14.9 | 49.3 | 15.0 | <15.0 | 15.0 | 64.2 | 15.0 | <15.0 | 15.0 | 1960 | 15.0 |

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

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

Taylor Hall Tale



Certificate of Analysis Summary 618715

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Project Name: Red Tank 30-31 St. Com 24Y



Project Id:

Contact: Ben Arguijo

Project Location:

Date Received in Lab: Mon Mar-25-19 07:35 am

Report Date: 04-APR-19 **Project Manager:** Holly Taylor

| | 7 7 7 7 | C10715 0 | 007 | C10715 (| v00 | (10715.) | 200 | 610715 | 010 | 610715 | 011 | |
|------------------------------------|------------|--------------|---------|--------------------|---------|-----------------|---------|-----------------|---------|------------|---------|---|
| | Lab Id: | 618715-0 | | 618715-0 | | 618715-0 | | 618715- | | 618715- | | |
| Analysis Requested | Field Id: | SP-3 S. Wall | 1 @ 4' | SP-3 S. Floor @ 4' | | SP-4 Floor @ 3' | | SP-5 Floor @ 3' | | SP-6 Floor | r @ 3' | |
| Timutysis Requesicu | Depth: | | | | | | | | | | | |
| | Matrix: | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | . | |
| | Sampled: | Mar-19-19 | 12:40 | Mar-19-19 | 12:39 | Mar-19-19 | 13:14 | Mar-19-19 | 13:17 | Mar-19-19 | 13:20 | |
| BTEX by EPA 8021B | Extracted: | Mar-28-19 | 17:00 | Mar-28-19 | 17:00 | Mar-28-19 | 17:00 | Mar-28-19 | 17:00 | Mar-28-19 | 17:00 | |
| | Analyzed: | Mar-29-19 | 22:15 | Mar-29-19 | 22:34 | Mar-29-19 | 22:53 | Mar-29-19 | 23:12 | Mar-29-19 | 23:31 | |
| | Units/RL: | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | |
| Benzene | | < 0.00199 | 0.00199 | < 0.00198 | 0.00198 | < 0.00198 | 0.00198 | < 0.00199 | 0.00199 | < 0.00199 | 0.00199 | |
| Toluene | | < 0.00199 | 0.00199 | < 0.00198 | 0.00198 | < 0.00198 | 0.00198 | < 0.00199 | 0.00199 | < 0.00199 | 0.00199 | |
| Ethylbenzene | | < 0.00199 | 0.00199 | < 0.00198 | 0.00198 | < 0.00198 | 0.00198 | < 0.00199 | 0.00199 | < 0.00199 | 0.00199 | |
| m,p-Xylenes | | < 0.00398 | 0.00398 | < 0.00397 | 0.00397 | < 0.00397 | 0.00397 | < 0.00398 | 0.00398 | < 0.00398 | 0.00398 | |
| o-Xylene | | < 0.00199 | 0.00199 | < 0.00198 | 0.00198 | < 0.00198 | 0.00198 | < 0.00199 | 0.00199 | < 0.00199 | 0.00199 | |
| Total Xylenes | | < 0.00199 | 0.00199 | < 0.00198 | 0.00198 | < 0.00198 | 0.00198 | < 0.00199 | 0.00199 | < 0.00199 | 0.00199 | |
| Total BTEX | | < 0.00199 | 0.00199 | < 0.00198 | 0.00198 | < 0.00198 | 0.00198 | < 0.00199 | 0.00199 | < 0.00199 | 0.00199 | |
| Chloride by EPA 300 | Extracted: | Mar-26-19 | 08:40 | Mar-26-19 | 08:40 | Mar-26-19 | 08:40 | Mar-26-19 | 08:40 | Mar-26-19 | 08:40 | |
| | Analyzed: | Mar-26-19 | 11:28 | Mar-26-19 | 11:35 | Mar-26-19 | 11:41 | Mar-26-19 | 11:48 | Mar-26-19 | 11:55 | |
| | Units/RL: | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | |
| Chloride | | 198 | 4.99 | 202 | 5.04 | 7.50 | 4.99 | 10.1 | 4.95 | 82.7 | 4.99 | |
| TPH By SW8015 Mod | Extracted: | Mar-28-19 | 07:00 | Mar-28-19 | 07:00 | Mar-28-19 | 07:00 | Mar-28-19 | 07:00 | Mar-28-19 | 07:00 | |
| | Analyzed: | Mar-28-19 | 14:11 | Mar-28-19 | 14:30 | Mar-28-19 | 14:51 | Mar-28-19 | 15:11 | Mar-28-19 | 15:31 | |
| | Units/RL: | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | |
| Gasoline Range Hydrocarbons (GRO) | | <14.9 | 14.9 | <15.0 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | |
| Diesel Range Organics (DRO) | | <14.9 | 14.9 | 258 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | |
| Motor Oil Range Hydrocarbons (MRO) | | <14.9 | 14.9 | 24.4 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | _ |
| Total TPH | | <14.9 | 14.9 | 282 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | |

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

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

Holly Taylor Project Manager

Analytical Report 618715

foi

Trinity Oilfield Services & Rentals, LLC

Project Manager: Ben Arguijo Red Tank 30-31 St. Com 24Y

04-APR-19

Collected By: Client





1211 W. Florida Ave Midland TX 79701

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

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

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

Xenco-Tampa: Florida (E87429), North Carolina (483) Xenco-Lakeland: Florida (E84098)





04-APR-19

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

Reference: XENCO Report No(s): 618715

Red Tank 30-31 St. Com 24Y

Project Address:

Ben Arguijo:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 618715. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

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

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 618715 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

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

Respectfully,

thely Taylor

Holly Taylor

Project Manager

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

Certified and approved by numerous States and Agencies.

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

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



Sample Cross Reference 618715



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

| Sample Id | Matrix | Date Collected | Sample Depth | Lab Sample Id |
|--------------------|--------|-----------------------|--------------|---------------|
| SP-1 E. Wall @ 4' | S | 03-19-19 10:57 | | 618715-001 |
| SP-1 E. Floor @ 4' | S | 03-19-19 10:54 | | 618715-002 |
| SP-1 W. Wall @ 4' | S | 03-19-19 11:08 | | 618715-003 |
| SP-1 W. Floor @ 4' | S | 03-19-19 11:06 | | 618715-004 |
| SP-2 N. Wall @ 4' | S | 03-19-19 11:41 | | 618715-005 |
| SP-2 N. Floor @ 4' | S | 03-19-19 13:39 | | 618715-006 |
| SP-3 S. Wall @ 4' | S | 03-19-19 12:40 | | 618715-007 |
| SP-3 S. Floor @ 4' | S | 03-19-19 12:39 | | 618715-008 |
| SP-4 Floor @ 3' | S | 03-19-19 13:14 | | 618715-009 |
| SP-5 Floor @ 3' | S | 03-19-19 13:17 | | 618715-010 |
| SP-6 Floor @ 3' | S | 03-19-19 13:20 | | 618715-011 |

Received by OCD: 12/21/2023 12:04:43/PM XENCO CASE NARRATIVE

Client Name: Trinity Oilfield Services & Rentals, LLC

Project Name: Red Tank 30-31 St. Com 24Y

Project ID: Report Date: 04-APR-19 Work Order Number(s): 618715 Date Received: 03/25/2019

Sample receipt non conformances and comments:

4/4/2019 1.001 Revised to correct Project ID per Ben Arguijo (email). HT

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3083870 BTEX by EPA 8021B

Soil samples were not received in Terracore kits and therefore were prepared by method 5030. Surrogate 4-Bromofluorobenzene recovered above QC limits. Matrix interferences is suspected; Samples affected are: 618714-014 S,618714-014 SD,618715-005,618715-011,618715-007,618715-008,618715-009,618715-010,618715-004,618715-003,618715-006.

Batch: LBA-3084057 BTEX by EPA 8021B

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





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Sample Id: SP-1 E. Wall @ 4'

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618715-001

Date Collected: 03.19.19 10.57

Prep Method: E300P

% Moisture:

Tech: CHE

Analyst:

CHE CHE

Analytical Method: Chloride by EPA 300

% M

sture.

Seq Number: 3083327

Date Prep: 03.25.19 16.30

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 28.3 | 5.00 | mg/kg | 03.26.19 02.03 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

% Moisture:

Tech:
Analyst:

ARM ARM

Date Prep: 03.28.19 07.00

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <14.9 | 14.9 | | mg/kg | 03.28.19 11.36 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <14.9 | 14.9 | | mg/kg | 03.28.19 11.36 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <14.9 | 14.9 | | mg/kg | 03.28.19 11.36 | U | 1 |
| Total TPH | PHC635 | <14.9 | 14.9 | | mg/kg | 03.28.19 11.36 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 92 | % | 70-135 | 03.28.19 11.36 | | |
| o-Terphenyl | | 84-15-1 | 94 | % | 70-135 | 03.28.19 11.36 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

03.29.19 16.00

Sample Id: SP-1 E. Wall @ 4'

SCM

Matrix: Soil

Date Prep:

Date Received:03.25.19 07.35

Lab Sample Id: 618715-001

Date Collected: 03.19.19 10.57

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech:

Analyst:

Basis:

SCM% Moisture:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 22.12 | U | 1 |
| Toluene | 108-88-3 | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 22.12 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 22.12 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00399 | 0.00399 | | mg/kg | 03.29.19 22.12 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 22.12 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 22.12 | U | 1 |
| Total BTEX | | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 22.12 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | | 460-00-4 | 95 | % | 70-130 | 03.29.19 22.12 | | |
| 1,4-Difluorobenzene | | 540-36-3 | 86 | % | 70-130 | 03.29.19 22.12 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Sample Id: SP-1 E. Floor @ 4'

Soil Matrix:

Date Received:03.25.19 07.35

Lab Sample Id: 618715-002

Date Collected: 03.19.19 10.54

Analytical Method: Chloride by EPA 300

Prep Method: E300P

CHE

CHE

Tech:

Analyst:

03.26.19 08.40

% Moisture:

Basis:

Wet Weight

Seq Number: 3083494

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 196 | 4.99 | mg/kg | 03.26.19 10.28 | | 1 |

Date Prep:

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

% Moisture:

Tech: Analyst: ARMARM

03.28.19 07.00 Date Prep:

Basis: Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | | mg/kg | 03.28.19 11.55 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | 49.3 | 15.0 | | mg/kg | 03.28.19 11.55 | | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | | mg/kg | 03.28.19 11.55 | U | 1 |
| Total TPH | PHC635 | 49.3 | 15.0 | | mg/kg | 03.28.19 11.55 | | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 89 | % | 70-135 | 03.28.19 11.55 | | |
| o-Terphenyl | | 84-15-1 | 92 | % | 70-135 | 03.28.19 11.55 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Sample Id: SP-1 E. Floor @ 4'

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618715-002

Date Collected: 03.19.19 10.54

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: S

SCM

% Moisture:

Analyst: SCM

Date Prep: 03.29.19 16.00

Basis: Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 22.31 | U | 1 |
| Toluene | 108-88-3 | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 22.31 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 22.31 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00400 | 0.00400 | | mg/kg | 03.29.19 22.31 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 22.31 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 22.31 | U | 1 |
| Total BTEX | | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 22.31 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | | 540-36-3 | 97 | % | 70-130 | 03.29.19 22.31 | | |
| 4-Bromofluorobenzene | | 460-00-4 | 108 | % | 70-130 | 03.29.19 22.31 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Sample Id: SP-1 W. Wall @ 4'

CHE

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618715-003

Date Collected: 03.19.19 11.08

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst:

Date Prep:

% Moisture:

03.26.19 08.40

Basis:

Wet Weight

Seq Number: 3083494

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 7.42 | 4.96 | mg/kg | 03.26.19 10.48 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

% Moisture:

Tech: Analyst: ARM ARM

Date Prep: 03.28.19 07.00

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | | mg/kg | 03.28.19 12.14 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | | mg/kg | 03.28.19 12.14 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | | mg/kg | 03.28.19 12.14 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | | mg/kg | 03.28.19 12.14 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 100 | % | 70-135 | 03.28.19 12.14 | | |
| o-Terphenyl | | 84-15-1 | 99 | % | 70-135 | 03.28.19 12.14 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

03.28.19 17.00

Sample Id: SP-1 W. Wall @ 4'

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618715-003

Date Collected: 03.19.19 11.08

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech:

ALJ

% Moisture:

Analyst: ALJ

Date Prep:

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------------|------|-----|
| Benzene | 71-43-2 | < 0.00198 | 0.00198 | | mg/kg | 03.29.19 08.04 | U | 1 |
| Toluene | 108-88-3 | < 0.00198 | 0.00198 | | mg/kg | 03.29.19 08.04 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00198 | 0.00198 | | mg/kg | 03.29.19 08.04 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00397 | 0.00397 | | mg/kg | 03.29.19 08.04 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00198 | 0.00198 | | mg/kg | 03.29.19 08.04 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00198 | 0.00198 | | mg/kg | 03.29.19 08.04 | U | 1 |
| Total BTEX | | < 0.00198 | 0.00198 | | mg/kg | 03.29.19 08.04 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | | 460-00-4 | 152 | % | 70-130 | 03.29.19 08.04 | ** | |
| 1,4-Difluorobenzene | | 540-36-3 | 101 | % | 70-130 | 03.29.19 08.04 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Sample Id: SP-1 W. Floor @ 4'

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618715-004

Date Collected: 03.19.19 11.06

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

%0 IV

% Moisture:

Analyst: CHE

Date Prep:

03.26.19 08.40

Basis:

Wet Weight

Seq Number: 3083494

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------------|------|-----|
| Chloride | 16887-00-6 | 226 | 5.03 | mg/kg | 03.26.19 10.55 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

% Moisture:

Tech:
Analyst:

ARM ARM

Date Prep: 03.28.19 07.00

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | | mg/kg | 03.28.19 13.12 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | 64.2 | 15.0 | | mg/kg | 03.28.19 13.12 | | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | | mg/kg | 03.28.19 13.12 | U | 1 |
| Total TPH | PHC635 | 64.2 | 15.0 | | mg/kg | 03.28.19 13.12 | | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 89 | % | 70-135 | 03.28.19 13.12 | | |
| o-Terphenyl | | 84-15-1 | 91 | % | 70-135 | 03.28.19 13.12 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

03.28.19 17.00

Sample Id: SP-1 W. Floor @ 4'

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618715-004

Date Collected: 03.19.19 11.06

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: ALJ

% Moisture:

Analyst: ALJ

Date Prep:

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 08.23 | U | 1 |
| Toluene | 108-88-3 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 08.23 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 08.23 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00398 | 0.00398 | | mg/kg | 03.29.19 08.23 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 08.23 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 08.23 | U | 1 |
| Total BTEX | | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 08.23 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | | 460-00-4 | 149 | % | 70-130 | 03.29.19 08.23 | ** | |
| 1,4-Difluorobenzene | | 540-36-3 | 101 | % | 70-130 | 03.29.19 08.23 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Sample Id: SP-2 N. Wall @ 4'

Soil Matrix:

Date Received:03.25.19 07.35

Lab Sample Id: 618715-005

Date Collected: 03.19.19 11.41

Analytical Method: Chloride by EPA 300

Prep Method: E300P

CHE

% Moisture:

Tech: CHE Analyst:

Date Prep: 03.26.19 08.40 Basis:

Wet Weight

Seq Number: 3083494

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 6.95 | 4.95 | mg/kg | 03.26.19 11.01 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

% Moisture:

Tech: Analyst: ARMARM

03.28.19 07.00 Date Prep:

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | | mg/kg | 03.28.19 13.31 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | | mg/kg | 03.28.19 13.31 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | | mg/kg | 03.28.19 13.31 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | | mg/kg | 03.28.19 13.31 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 85 | % | 70-135 | 03.28.19 13.31 | | |
| o-Terphenyl | | 84-15-1 | 84 | % | 70-135 | 03.28.19 13.31 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Sample Id: SP-2 N. Wall @ 4' Matrix: Soil Date Received:03.25.19 07.35

Lab Sample Id: 618715-005

Date Collected: 03.19.19 11.41

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: ALJ

Date Prep: 03.28.19 17.00 % Moisture:

Basis:

Wet Weight

Analyst:

ALJ

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 08.42 | U | 1 |
| Toluene | 108-88-3 | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 08.42 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 08.42 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00401 | 0.00401 | | mg/kg | 03.29.19 08.42 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 08.42 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 08.42 | U | 1 |
| Total BTEX | | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 08.42 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | | 460-00-4 | 147 | % | 70-130 | 03.29.19 08.42 | ** | |
| 1,4-Difluorobenzene | | 540-36-3 | 100 | % | 70-130 | 03.29.19 08.42 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Sample Id: SP-2 N. Floor @ 4'

Soil Matrix:

Date Received:03.25.19 07.35

Lab Sample Id: 618715-006

Date Collected: 03.19.19 13.39

Prep Method: E300P

Tech: CHE

Analytical Method: Chloride by EPA 300

% Moisture:

CHE

Analyst:

Date Prep: 03.26.19 08.40 Basis:

Wet Weight

Seq Number: 3083494

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 263 | 5.02 | mg/kg | 03.26.19 11.08 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

% Moisture:

Tech: Analyst: ARMARM

03.28.19 07.00 Date Prep:

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | 99.1 | 15.0 | | mg/kg | 03.28.19 13.51 | | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | 1400 | 15.0 | | mg/kg | 03.28.19 13.51 | | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | 465 | 15.0 | | mg/kg | 03.28.19 13.51 | | 1 |
| Total TPH | PHC635 | 1960 | 15.0 | | mg/kg | 03.28.19 13.51 | | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 105 | % | 70-135 | 03.28.19 13.51 | | |
| o-Terphenyl | | 84-15-1 | 128 | % | 70-135 | 03.28.19 13.51 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Sample Id: SP-2 N. Floor @ 4' Matrix: Soil Date Received:03.25.19 07.35

Lab Sample Id: 618715-006

Date Collected: 03.19.19 13.39

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

ALJ

% Moisture:

Tech: Analyst:

ALJ

Date Prep: 03.28.19 17.00 Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------------|------|-----|
| Benzene | 71-43-2 | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 09.01 | U | 1 |
| Toluene | 108-88-3 | 0.00861 | 0.00200 | | mg/kg | 03.29.19 09.01 | | 1 |
| Ethylbenzene | 100-41-4 | 0.0369 | 0.00200 | | mg/kg | 03.29.19 09.01 | | 1 |
| m,p-Xylenes | 179601-23-1 | 0.190 | 0.00399 | | mg/kg | 03.29.19 09.01 | | 1 |
| o-Xylene | 95-47-6 | 0.140 | 0.00200 | | mg/kg | 03.29.19 09.01 | | 1 |
| Total Xylenes | 1330-20-7 | 0.330 | 0.00200 | | mg/kg | 03.29.19 09.01 | | 1 |
| Total BTEX | | 0.376 | 0.00200 | | mg/kg | 03.29.19 09.01 | | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | | 540-36-3 | 101 | % | 70-130 | 03.29.19 09.01 | | |
| 4-Bromofluorobenzene | | 460-00-4 | 229 | % | 70-130 | 03.29.19 09.01 | ** | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Sample Id: SP-3 S. Wall @ 4' Matrix: Soil Date Received:03.25.19 07.35

Lab Sample Id: 618715-007

Date Collected: 03.19.19 12.40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Units

mg/kg

% Moisture:

Wet Weight

CHE Analyst:

Seq Number: 3083494

Date Prep:

RL

4.99

Result

198

03.26.19 08.40

Basis:

Analysis Date

03.26.19 11.28

Dil

1

Flag

Analytical Method: TPH By SW8015 Mod

Cas Number

16887-00-6

Prep Method: TX1005P

% Moisture:

Tech: Analyst:

Parameter

Chloride

ARM ARM

03.28.19 07.00 Date Prep:

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <14.9 | 14.9 | | mg/kg | 03.28.19 14.11 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <14.9 | 14.9 | | mg/kg | 03.28.19 14.11 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <14.9 | 14.9 | | mg/kg | 03.28.19 14.11 | U | 1 |
| Total TPH | PHC635 | <14.9 | 14.9 | | mg/kg | 03.28.19 14.11 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 97 | % | 70-135 | 03.28.19 14.11 | | |
| o-Terphenyl | | 84-15-1 | 96 | % | 70-135 | 03.28.19 14.11 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Sample Id: SP-3 S. Wall @ 4' Matrix: Soil Date Received:03.25.19 07.35

Lab Sample Id: 618715-007

Date Collected: 03.19.19 12.40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech:

ALJ

% Moisture:

Analyst:

ALJ

Date Prep: 03.28.19 17.00 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 22.15 | U | 1 |
| Toluene | 108-88-3 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 22.15 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 22.15 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00398 | 0.00398 | | mg/kg | 03.29.19 22.15 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 22.15 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 22.15 | U | 1 |
| Total BTEX | | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 22.15 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | | 460-00-4 | 133 | % | 70-130 | 03.29.19 22.15 | ** | |
| 1,4-Difluorobenzene | | 540-36-3 | 94 | % | 70-130 | 03.29.19 22.15 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Sample Id: SP-3 S. Floor @ 4'

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618715-008

Date Collected: 03.19.19 12.39

sneeted: 03:17:17 12:37

Prep Method: E300P

% Moisture:

Tech: CHE

Analyst:

CHE

Analytical Method: Chloride by EPA 300

Date Prep: 03.26.19 08.40

Basis:

Wet Weight

Seq Number: 3083494

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 202 | 5.04 | mg/kg | 03.26.19 11.35 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

% Moisture:

Tech: Analyst: ARM ARM

Date Prep: 03.28.19 07.00

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | | mg/kg | 03.28.19 14.30 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | 258 | 15.0 | | mg/kg | 03.28.19 14.30 | | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | 24.4 | 15.0 | | mg/kg | 03.28.19 14.30 | | 1 |
| Total TPH | PHC635 | 282 | 15.0 | | mg/kg | 03.28.19 14.30 | | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 79 | % | 70-135 | 03.28.19 14.30 | | |
| o-Terphenyl | | 84-15-1 | 97 | % | 70-135 | 03.28.19 14.30 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Sample Id: SP-3 S. Floor @ 4' Matrix: Soil Date Received:03.25.19 07.35

Lab Sample Id: 618715-008

Date Collected: 03.19.19 12.39

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech:

ALJ

% Moisture:

Analyst:

ALJ

Date Prep: 03.28.19 17.00 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00198 | 0.00198 | | mg/kg | 03.29.19 22.34 | U | 1 |
| Toluene | 108-88-3 | < 0.00198 | 0.00198 | | mg/kg | 03.29.19 22.34 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00198 | 0.00198 | | mg/kg | 03.29.19 22.34 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00397 | 0.00397 | | mg/kg | 03.29.19 22.34 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00198 | 0.00198 | | mg/kg | 03.29.19 22.34 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00198 | 0.00198 | | mg/kg | 03.29.19 22.34 | U | 1 |
| Total BTEX | | < 0.00198 | 0.00198 | | mg/kg | 03.29.19 22.34 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | | 540-36-3 | 98 | % | 70-130 | 03.29.19 22.34 | | |
| 4-Bromofluorobenzene | | 460-00-4 | 132 | % | 70-130 | 03.29.19 22.34 | ** | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

03.26.19 08.40

Sample Id: SP-4 Floor @ 3'

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618715-009

Date Collected: 03.19.19 13.14

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

Analyst: CHE

Date Prep:

Basis:

Wet Weight

Seq Number: 3083494

 Parameter
 Cas Number
 Result
 RL
 Units
 Analysis Date
 Flag
 Dil

 Chloride
 16887-00-6
 7.50
 4.99
 mg/kg
 03.26.19 11.41
 1

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

% Moisture:

Tech: Analyst: ARM ARM

Date Prep: 03.28.19 07.00

Basis: Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | | mg/kg | 03.28.19 14.51 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | | mg/kg | 03.28.19 14.51 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | | mg/kg | 03.28.19 14.51 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | | mg/kg | 03.28.19 14.51 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 88 | % | 70-135 | 03.28.19 14.51 | | |
| o-Terphenyl | | 84-15-1 | 87 | % | 70-135 | 03.28.19 14.51 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Sample Id: SP-4 Floor @ 3'

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618715-009

Date Collected: 03.19.19 13.14

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: ALJ

% Moistu

% Moisture:

Analyst: ALJ

Date Prep:

03.28.19 17.00

Basis: Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------------|------|-----|
| Benzene | 71-43-2 | < 0.00198 | 0.00198 | | mg/kg | 03.29.19 22.53 | U | 1 |
| Toluene | 108-88-3 | < 0.00198 | 0.00198 | | mg/kg | 03.29.19 22.53 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00198 | 0.00198 | | mg/kg | 03.29.19 22.53 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00397 | 0.00397 | | mg/kg | 03.29.19 22.53 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00198 | 0.00198 | | mg/kg | 03.29.19 22.53 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00198 | 0.00198 | | mg/kg | 03.29.19 22.53 | U | 1 |
| Total BTEX | | < 0.00198 | 0.00198 | | mg/kg | 03.29.19 22.53 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | | 540-36-3 | 100 | % | 70-130 | 03.29.19 22.53 | | |
| 4-Bromofluorobenzene | | 460-00-4 | 146 | % | 70-130 | 03.29.19 22.53 | ** | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Sample Id: SP-5 Floor @ 3'

Soil Matrix:

Date Received:03.25.19 07.35

Lab Sample Id: 618715-010

Date Collected: 03.19.19 13.17

Analytical Method: Chloride by EPA 300

Prep Method: E300P

CHE

% Moisture:

Tech: CHE Analyst:

Date Prep:

03.26.19 08.40

Basis:

Wet Weight

Seq Number: 3083494

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 10.1 | 4.95 | mg/kg | 03.26.19 11.48 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

% Moisture:

Tech: Analyst: ARMARM

03.28.19 07.00 Date Prep:

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | | mg/kg | 03.28.19 15.11 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | | mg/kg | 03.28.19 15.11 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | | mg/kg | 03.28.19 15.11 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | | mg/kg | 03.28.19 15.11 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 85 | % | 70-135 | 03.28.19 15.11 | | |
| o-Terphenyl | | 84-15-1 | 83 | % | 70-135 | 03.28.19 15.11 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Sample Id: SP-5 Floor @ 3'

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618715-010

Date Collected: 03.19.19 13.17

Prep Method: SW5030B

% Moisture:

Tech: AL

Analyst:

ALJ ALJ

Analytical Method: BTEX by EPA 8021B

Date Prep: 03.28.19 17.00

Basis: W

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 23.12 | U | 1 |
| Toluene | 108-88-3 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 23.12 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 23.12 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00398 | 0.00398 | | mg/kg | 03.29.19 23.12 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 23.12 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 23.12 | U | 1 |
| Total BTEX | | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 23.12 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | | 460-00-4 | 148 | % | 70-130 | 03.29.19 23.12 | ** | |
| 1,4-Difluorobenzene | | 540-36-3 | 100 | % | 70-130 | 03.29.19 23.12 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Sample Id: SP-6 Floor @ 3'

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618715-011

Date Collected: 03.19.19 13.20

Date Conceted: 03.17.17 13.20

Prep Method: E300P

% Moisture:

Tech: CHE

Analyst:

CHE

Analytical Method: Chloride by EPA 300

Date Prep: 03.26.19 08.40

Basis:

Wet Weight

Seq Number: 3083494

 Parameter
 Cas Number
 Result
 RL
 Units
 Analysis Date
 Flag
 Dil

 Chloride
 16887-00-6
 82.7
 4.99
 mg/kg
 03.26.19 11.55
 1

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

% Moisture:

Tech:
Analyst:

ARM ARM

Date Prep: 03.28.19 07.00

Basis: Wet

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | | mg/kg | 03.28.19 15.31 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | | mg/kg | 03.28.19 15.31 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | | mg/kg | 03.28.19 15.31 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | | mg/kg | 03.28.19 15.31 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 93 | % | 70-135 | 03.28.19 15.31 | | |
| o-Terphenyl | | 84-15-1 | 95 | % | 70-135 | 03.28.19 15.31 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Sample Id: SP-6 Floor @ 3'

Matrix: Soil Date Received:03.25.19 07.35

Lab Sample Id: 618715-011

Date Collected: 03.19.19 13.20

Prep Method: SW5030B

03.28.19 17.00

% Moisture:

Basis:

Wet Weight

Analytical Method: BTEX by EPA 8021B

Tech: ALJ

Analyst:

ALJ

Date Prep:

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 23.31 | U | 1 |
| Toluene | 108-88-3 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 23.31 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 23.31 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00398 | 0.00398 | | mg/kg | 03.29.19 23.31 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 23.31 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 23.31 | U | 1 |
| Total BTEX | | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 23.31 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | | 460-00-4 | 150 | % | 70-130 | 03.29.19 23.31 | ** | |
| 1,4-Difluorobenzene | | 540-36-3 | 100 | % | 70-130 | 03.29.19 23.31 | | |



Flagging Criteria



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

BRL Below Reporting Limit.

RL Reporting Limit

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

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

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample BLK Method Blank

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

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

- + NELAC certification not offered for this compound.
- * (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

^{**} Surrogate recovered outside laboratory control limit.



QC Summary 618715

Trinity Oilfield Services & Rentals, LLC

Red Tank 30-31 St. Com 24Y

Analytical Method: Chloride by EPA 300

Seq Number: 3083327 Matrix: Solid

MR

MB

LCS Sample Id: 7674284-1-BKS MB Sample Id: 7674284-1-BLK

E300P Prep Method:

Date Prep: 03.25.19

LCSD Sample Id: 7674284-1-BSD

Spike LCS LCS Limits %RPD RPD Limit Units LCSD LCSD Analysis Flag **Parameter** Result Amount Result %Rec Date %Rec Result 03.25.19 23:18 Chloride < 5.00 250 247 99 248 99 90-110 0 20 mg/kg

Analytical Method: Chloride by EPA 300

Seq Number:

3083494

Matrix: Solid

Prep Method: Date Prep:

E300P 03.26.19

MB Sample Id: LCS Sample Id: 7674320-1-BKS LCSD Sample Id: 7674320-1-BSD

7674320-1-BLK Spike

LCS LCS LCSD LCSD %RPD RPD Limit Units

Analysis Flag

Flag

Flag

Date

Result %Rec Result Amount Result %Rec Chloride < 0.858 250 254 102 252 101 90-110 20 mg/kg 03.26.19 10:15

Analytical Method: Chloride by EPA 300

Seq Number: 3083327

Parameter

Matrix: Soil

Prep Method:

E300P

Date Prep: 03.25.19

MS Sample Id: 618713-034 S MSD Sample Id: 618713-034 SD Parent Sample Id: 618713-034 MS %RPD RPD Limit Units Parent Spike MS **MSD MSD** Limits Analysis

Parameter Result Date Result %Rec Amount Result %Rec Chloride 6.19 250 248 97 249 97 90-110 0 20 03.26.19 11:21 mg/kg

Analytical Method: Chloride by EPA 300

Seq Number:

3083327

Matrix: Soil

Limits

E300P

03.25.19

mg/kg

Date Prep: 618714-009 S MSD Sample Id: 618714-009 SD Parent Sample Id: MS Sample Id: 618714-009

MS MSD %RPD RPD Limit Units Parent Spike MS **MSD** Limits Analysis **Parameter** Result %Rec Date Result Amount Result %Rec Chloride 223 250 449 90 453 92 90-110 20 03.26.19 11:33

Analytical Method: Chloride by EPA 300

Seq Number:

Parent Sample Id:

3083494 618715-002 MS Sample Id:

Matrix: Soil 618715-002 S

Prep Method:

1

E300P

Date Prep: 03.26.19

MSD Sample Id: 618715-002 SD

Prep Method:

Parent Spike MS MS Limits %RPD RPD Limit Units Analysis **MSD MSD** Flag **Parameter** Result Date Result Amount %Rec Result %Rec Chloride 196 250 441 98 443 99 90-110 0 20 mg/kg 03.26.19 10:35

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

[D] = 100*(C-A) / BRPD = 200* | (C-E) / (C+E) |[D] = 100 * (C) / [B]

Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample A = Parent Result = MS/LCS Result

= MSD/LCSD Result

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



QC Summary 618715

Trinity Oilfield Services & Rentals, LLC

Red Tank 30-31 St. Com 24Y

Analytical Method: Chloride by EPA 300

3083494 Matrix: Soil Prep Method: Date Prep: 03.26.19

MS Sample Id: 618716-001 S Parent Sample Id: 618716-001

MSD Sample Id: 618716-001 SD

E300P

Parent Spike MS MS Limits %RPD RPD Limit Units **MSD MSD** Analysis Flag **Parameter** Result Amount Result Date %Rec %Rec Result Chloride 90-110 03.26.19 12:08 12.7 250 315 121 340 131 8 20 mg/kg X

Analytical Method: TPH By SW8015 Mod

3083750

Matrix: Solid

TX1005P

03.28.19

MB Sample Id:

Seq Number:

Seq Number:

7674566-1-BLK

LCS Sample Id: 7674566-1-BKS LCSD Sample Id: 7674566-1-BSD

Prep Method:

Date Prep:

MB Spike LCS LCS %RPD RPD Limit Units LCSD LCSD Limits Analysis Flag **Parameter** Result %Rec Date Result Amount Result %Rec Gasoline Range Hydrocarbons (GRO) < 8.00 1000 939 94 945 95 70-135 20 03.28.19 08:06 1 mg/kg

Diesel Range Organics (DRO) 1000 958 96 981 98 70-135 2 20 03.28.19 08:06 < 8.13 mg/kg

MB MB LCS LCS LCSD LCSD Limits Units Analysis Surrogate %Rec Flag %Rec Flag %Rec Flag Date 03.28.19 08:06 1-Chlorooctane 94 127 126 70-135 % 97 106 120 70-135 03.28.19 08:06 o-Terphenyl %

Analytical Method: TPH By SW8015 Mod

Seq Number: 3083750 Matrix: Soil

Prep Method:

TX1005P

Date Prep:

03.28.19

Parent Sample Id:

619079-002

MS Sample Id: 619079-002 S MSD Sample Id: 619079-002 SD

Flag

MS MS %RPD RPD Limit Units Analysis Parent Spike **MSD** MSD Limits **Parameter** Result Result %Rec Date Amount Result %Rec Gasoline Range Hydrocarbons (GRO) 1020 03.28.19 09:22 < 7.99 999 1010 101 102 70-135 20 mg/kg 1 999 1030 103 1040 70-135 20 03.28.19 09:22 Diesel Range Organics (DRO) < 8.12 104 1 mg/kg

MS MS **MSD** Limits Units Analysis **MSD Surrogate** %Rec Flag %Rec Flag Date 03.28.19 09:22 125 123 1-Chlorooctane 70-135 % 03.28.19 09:22 o-Terphenyl 119 113 70-135 %

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

[D] = 100*(C-A) / BRPD = 200* | (C-E) / (C+E) |[D] = 100 * (C) / [B]

Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample A = Parent Result

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

Flag

Flag

Flag



QC Summary 618715

Trinity Oilfield Services & Rentals, LLC

Red Tank 30-31 St. Com 24Y

Analytical Method:BTEX by EPA 8021BPrep Method:SW5030BSeq Number:3083870Matrix:SolidDate Prep:03.28.19

MB Sample Id: 7674629-1-BLK LCS Sample Id: 7674629-1-BKS LCSD Sample Id: 7674629-1-BSD

MB Spike LCS LCS LCSD LCSD Limits %RPD RPD Limit Units Analysis

| Parameter | Result | Amount | Result | %Rec | Result | %Rec | Limits | /0KI D | KI D LIII | iit Cints | Date | |
|--------------|------------|--------|--------|------|--------|------|--------|--------|-----------|-----------|----------------|--|
| Benzene | < 0.000386 | 0.100 | 0.102 | 102 | 0.105 | 105 | 70-130 | 3 | 35 | mg/kg | 03.29.19 04:17 | |
| Toluene | < 0.000457 | 0.100 | 0.100 | 100 | 0.103 | 103 | 70-130 | 3 | 35 | mg/kg | 03.29.19 04:17 | |
| Ethylbenzene | < 0.000567 | 0.100 | 0.107 | 107 | 0.110 | 110 | 70-130 | 3 | 35 | mg/kg | 03.29.19 04:17 | |
| m,p-Xylenes | < 0.00102 | 0.201 | 0.206 | 102 | 0.212 | 106 | 70-130 | 3 | 35 | mg/kg | 03.29.19 04:17 | |
| o-Xylene | < 0.000346 | 0.100 | 0.107 | 107 | 0.110 | 110 | 70-130 | 3 | 35 | mg/kg | 03.29.19 04:17 | |
| | | | | | | | | | | | | |

LCSD MB MB LCS LCS LCSD Limits Units Analysis **Surrogate** Flag %Rec Flag Flag Date %Rec %Rec 94 99 99 70-130 03.29.19 04:17 1,4-Difluorobenzene % 03.29.19 04:17 130 4-Bromofluorobenzene 122 128 70-130 %

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

 Seq Number:
 3084057
 Matrix:
 Solid
 Date Prep:
 03.29.19

 MB Sample Id:
 7674756-1-BLK
 LCS Sample Id:
 7674756-1-BKS
 LCSD Sample Id:
 7674756-1-BSD

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Lim | it Units | Analysis Date |] |
|--------------|--------------|-----------------|---------------|-------------|----------------|--------------|--------|------|---------|----------|------------------|---|
| Benzene | < 0.000383 | 0.0994 | 0.102 | 103 | 0.101 | 101 | 70-130 | 1 | 35 | mg/kg | 03.29.19 19:23 | |
| Toluene | < 0.000453 | 0.0994 | 0.105 | 106 | 0.104 | 104 | 70-130 | 1 | 35 | mg/kg | 03.29.19 19:23 | |
| Ethylbenzene | < 0.000561 | 0.0994 | 0.0998 | 100 | 0.0991 | 99 | 70-130 | 1 | 35 | mg/kg | 03.29.19 19:23 | |
| m,p-Xylenes | < 0.00101 | 0.199 | 0.202 | 102 | 0.202 | 101 | 70-130 | 0 | 35 | mg/kg | 03.29.19 19:23 | |
| o-Xylene | < 0.000342 | 0.0994 | 0.102 | 103 | 0.103 | 103 | 70-130 | 1 | 35 | mg/kg | 03.29.19 19:23 | |

| Surrogate | MB %Rec | MB Flag | LCS %Rec | LCS Flag | LCSD %Rec | LCSD Flag | Limits | Units | Analysis Date |
|----------------------|------------|------------|-------------|-------------|--------------|--------------|--------|-------|------------------|
| 1,4-Difluorobenzene | 91 | | 98 | | 101 | | 70-130 | % | 03.29.19 19:23 |
| 4-Bromofluorobenzene | 86 | | 94 | | 107 | | 70-130 | % | 03.29.19 19:23 |

Analytical Method:BTEX by EPA 8021BPrep Method:SW5030BSeq Number:3083870Matrix: SoilDate Prep:03.28.19

Parent Sample Id: 618714-014 MS Sample Id: 618714-014 S MSD Sample Id: 618714-014 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limi | t Units | Analysis Date |
|--------------|------------------|-----------------|--------------|------------|---------------|-------------|--------|------|----------|---------|------------------|
| Benzene | < 0.000383 | 0.0994 | 0.0919 | 92 | 0.0976 | 98 | 70-130 | 6 | 35 | mg/kg | 03.29.19 04:55 |
| Toluene | < 0.000453 | 0.0994 | 0.0907 | 91 | 0.0946 | 95 | 70-130 | 4 | 35 | mg/kg | 03.29.19 04:55 |
| Ethylbenzene | < 0.000561 | 0.0994 | 0.0967 | 97 | 0.0999 | 100 | 70-130 | 3 | 35 | mg/kg | 03.29.19 04:55 |
| m,p-Xylenes | < 0.00101 | 0.199 | 0.189 | 95 | 0.193 | 97 | 70-130 | 2 | 35 | mg/kg | 03.29.19 04:55 |
| o-Xylene | < 0.000342 | 0.0994 | 0.0992 | 100 | 0.101 | 101 | 70-130 | 2 | 35 | mg/kg | 03.29.19 04:55 |

| Surrogate | MS %Rec | MS Flag | MSD %Rec | MSD Flag | Limits | Units | Analysis Date |
|----------------------|------------|------------|-------------|-------------|--------|-------|------------------|
| 1,4-Difluorobenzene | 102 | | 103 | | 70-130 | % | 03.29.19 04:55 |
| 4-Bromofluorobenzene | 144 | ** | 144 | ** | 70-130 | % | 03.29.19 04:55 |

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference [D] = 100*(C-A) / B RPD = 200* | (C-E) / (C+E) | [D] = 100*(C) / [B]

Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample

A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

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



Seq Number:

QC Summary 618715

Trinity Oilfield Services & Rentals, LLC

Red Tank 30-31 St. Com 24Y

Analytical Method: BTEX by EPA 8021B

3084057 Matrix: Soil

nle Id: 618714-015 \$

Prep Method: SW5030B

Date Prep: 03.29.19

| Parent Sample Id: | 618714-015 | | MS San | nple Id: | 618/14-0 | 15 S | | MS | D Sampl | e Id: 618 | /14-015 SD | |
|----------------------|------------------|-----------------|--------------|------------|---------------|-------------|--------|------|---------|-----------|------------------|------|
| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Lin | nit Units | Analysis Date | Flag |
| Benzene | < 0.000383 | 0.0996 | 0.0799 | 80 | 0.0886 | 89 | 70-130 | 10 | 35 | mg/kg | 03.29.19 20:01 | |
| Toluene | < 0.000454 | 0.0996 | 0.0809 | 81 | 0.0906 | 91 | 70-130 | 11 | 35 | mg/kg | 03.29.19 20:01 | |
| Ethylbenzene | < 0.000563 | 0.0996 | 0.0726 | 73 | 0.0836 | 84 | 70-130 | 14 | 35 | mg/kg | 03.29.19 20:01 | |
| m,p-Xylenes | < 0.00101 | 0.199 | 0.146 | 73 | 0.169 | 85 | 70-130 | 15 | 35 | mg/kg | 03.29.19 20:01 | |
| o-Xylene | < 0.000343 | 0.0996 | 0.0745 | 75 | 0.0863 | 87 | 70-130 | 15 | 35 | mg/kg | 03.29.19 20:01 | |
| Surrogate | | | | IS Rec | MS Flag | MSD %Red | | _ | imits | Units | Analysis Date | |
| 1,4-Difluorobenzene | | | 1 | 01 | | 101 | | 70 | 0-130 | % | 03.29.19 20:01 | |
| 4-Bromofluorobenzene | | | 1 | 07 | | 106 | | 70 | 0-130 | % | 03.29.19 20:01 | |
| | | | | | | | | | | | | |

Project ID:

Sampler Name:

John Klepper

Red Tank 31 St. Com 24Y

Charge Codes: OP57182239 1214877 01040502

Invoice To: Oxy - Wade Dittrich (575)390-2828

Reg. Program / Clean-up Std

CHAIN OF CUSTODY RECORD

Pres Type

Example affles by 8260

8015M

PO#:

Annual

Circle One Event: Daily Weekly

STATE for Certs & Regs

Quartely Semi-Annual

Quote #:

Monthly

N/A

1 of 2

Container Type Codes ampler

| Labor | Houston: 4143 Greenbriar Dr. St ;roool-c | afford, TX 77477 (28 | 81)240-4200 Odessa: 12600 | 0 West I-20 East Odessa, TX 79765 (432)563-1800 LAB W.O #: UC Vial Clear TS Term VP Vial Pre-preserved AC Air (GA Glass Amber TB Ted GC Glass Clear ZB Zip | ore Samp aCore S Canister lar Bag Lock Bag stic Clea |
|----------|---|----------------------|--|---|---|
| Company: | Trinity Oilfield Services & Rentals, LLC | | Phone: (575)390-7208 | TAT Work Days = D Need results by: Time: PC Plastic Clear Other | |
| Address: | P.O. Box 2587 | | Fax: | Std (5-7D) 5Hrs 1D 2D 3D 4D 5D 7D 10D 14D Other Size(s): 2oz, 4oz, 8oz, 16oz, 32oz, 1 | |
| City: | Hobbs | State: NM | Zip: 88241 | ANALYSES REQUESTED ** Preservative Type |) Coc |
| PM/Attn: | Ben J. Arguijo | | le.dittrich@oxy.com & yoilfieldservices.com | Cont Type * GC GC GC A. None E. HCL 1. Ice | 4Α |

Chloride

BTEX

| C. | . H₂S . NaC | Ŏ₄ | G. Na ₂ H. NaF | S ₂ O ₃ | K. | ZnAc&NaOH Asbc Acid&NaOH |
|----|----------------|------|------------------------------|-------------------------------|-----|-----------------------------|
| | | ٨ | Matr | ix Ty | /pe | e Codes |
| | GW | Gro | und Wa | ter | s | Soil/Sediment/Solid |
| | ww | Wa | ste Wate | F | | Wipe |
| | DW | Drir | iking Wa | iter | Α | Air |
| - | SW | Sur | face Wa | ter | 0 | Oil |
| | OW | Oct | ean/Sea | Water | Т | Tissue |

| Sample | Sample ID | Date | Time | Code 1 | Eller I | OK. (Y | Volt | | | | | | | CALL on Hig | PL Product-Liquid U Unne PS Product-Solid B Blood SL Sludge |
|--------|--------------------|---------|------|--------|---------|--------|------|---------|------|---|--|--|--|----------------|---|
| Sa | | | | | | | #Cm | t Lab C | nly: | | | | | | REMARKS |
| 1 | SP-1 E. Wall @ 4' | 3/19/19 | 1057 | S | | | 1 | X | Х | X | | | | | |
| _2 | SP-1 E. Floor @ 4' | 3/19/19 | 1054 | s | | | 1 | X | X | Х | | | | | |
| 3 | SP-1 W. Wall @ 4' | 3/19/19 | 1108 | S | | | 1 | X | Х | Х | | | | | |
| _4 | SP-1 W. Floor @ 4' | 3/19/19 | 1106 | s | | | 1 | X | Х | Х | | | | | |
| 5 | SP-2 N. Wall @ 4' | 3/19/19 | 1141 | S | | | 1 | X | Х | Х | | | | | |
| 6 | SP-2 N. Floor @ 4' | 3/19/19 | 1339 | S | | | 1 | X | X | Х | | | | | |
| 7 | SP-3 S. Wall @ 4' | 3/19/19 | 1240 | S | | | 1 | X | X | Х | | | | | |
| 8 | SP-3 S. Floor @ 4' | 3/19/19 | 1239 | S | | | 1 | X | X | Х | | | | | |
| 9 | SP-4 Floor @ 3' | 3/19/19 | 1314 | S | | | 1 | X | Х | × | | | | | |
| 0 | SP-5 Floor @ 3' | 3/19/19 | 1317 | S | | | 1 | Х | Х | Х | | | | | |

CTLs TRRP DW NPDES LPST DryCln FL TX GA NC SC NJ PA OK 1 2 3 4 CLP AFCEE QAPP ADaPT SEDD ERPIMS Match 2.72 LA AL NM Other: Other: NELAC DoD-ELAP Other XLS Other: Absent Samples intact upon arrival? Relinquished by **Affiliation** Received by Affiliation Received on Wet Ice? abeled with proper preservatives 1 Received within holding time? Custody seals intact? 2 /OCs rec'd w/o headspace? Proper containers used? -3 pH verified-acceptable, excl VOCs? Received on time to meet HTs?

EDDs

COC & Labels

Coolers Temp °C

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

QA/QC Level & Certification

C.O.C. Serial #

Lab Use Only

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

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| ۱ | whomento | Actions | Budioche mist |

P.O. Box 2587

Ben J. Arquijo

John Klepper

Red Tank 31 St. Com 24Y

Sample ID

Reg. Program / Clean-up Std

DW NPDES LPST DryCin

Invoice To: Oxy - Wade Dittrich (575)390-2828

Hobbs

Trinity Oilfield Services & Rentals, LLC

Charge Codes: OP57182239 1214877 01040502

Company:

Address:

PM/Attn:

mple:

0

CTLs

Other

2

3

4

Project ID:

Sampler Name:

City:

CHAIN OF CUSTODY RECORD

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

88241

Monthly

(575)390-7208

Cont Type

res Type

Example Volatiles by 8260

GC

8015M

TPH

Phone:

Fax:

Zip:

Email: wade.dittrich@oxy.com &

ben@trinityoilfieldservices.com

Quote #:

Matrix

Code

PO#:

State: NM

Circle One Event: Daily Weekly

Quartely Semi-Annual Annual

Collect

Time

STATE for Certs & Regs

FL TX GA NC SC NJ PA OK

LA AL NM Other:

Collect

Date

Page 2 of 2

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

ANALYSES REQUESTED

Time:

Coolers Temp C

Time

Date

3121119

* Container Type Codes ES Encore Sampler VC Vial Clear
VP Vial Pre-preserved TS AC TerraCore Sample Air Canister TB Tedlar Bag

Vial Amber

GA Glass Amber

GC Glass Clear

LAB W.O#: Field billable Hrs:

| GC Glass Clear ZB Zip Lock Bag PA Plastic Amber PC Plastic Clear PC Plastic Clear Other |
|--|
| Size(s): 2oz, 4oz, 8oz, 16oz, 32oz , 1Gal 40ml, 125 ml, 250 ml, 500 ml, 1L, Other |
| ** Preservative Type Codes |
| A. None E. HCL I. Ice B. HNO ₃ F. MeOH J. MCAA C. H ₂ SO ₄ G. Na ₂ S ₂ O ₃ K. ZnAc&NaOH D. NaOH H. NaHSO ₄ L. Asbc Acid&NaOH O. |
| |
| ^ Matrix Type Codes |
| GW Ground Water S Soil/Sediment/Solid WW Waste Water W Wipe DW Drinking Water A Air SW Surface Water O Oil OW Ocean/Sea Water T Tissue PL Product-Liquid U Urine PS Product-Solid B Blood SL Sludge |
| REMARKS |
| |
| |

YES NO N

| ß | | | | | | | #Cont | Lab Only | | | | | | REMARKS |
|---|-----------------|---------|------|---|--|---|----------|----------|----|---|-----|---|--|---------|
| 1 | SP-6 Floor @ 3' | 3/19/19 | 1320 | S | | 1 | | Χ | Х | Х | | | | |
| 2 | | | | | | | | | ř. | | | | | · |
| 3 | | | | | | | 20 20 20 | | | | | | | |
| 4 | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | · | | |
| 8 | | | | | | | | | | | : ' | | | |
| 9 | | | | | | | | | | | | | | |

TAT Work Days = D Need results by:

GC

BTEX

GC

Chloride

EDDs

ADaPT SEDD ERPIMS

Received by

XLS Other:

COC & Labels

Affiliation

Incomplete

Unclear

Match

Absent

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

QA/QC Level & Certification

1 2 3 4 CLP AFCEE QAPP

NELAC DoD-ELAP Other:

Received on time to meet HTs? C.O.C. Serial #

Lab Use Only

Received on Wet Ice? abeled with proper preservatives

Non-Conformances found?

Samples intact upon arrival?

Received within holding time? Custody seals intact?

VOCs rec'd w/o headspace? Proper containers used?

pH verified-acceptable, excl VQCs?

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

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XENCO Laboratories Prelogin/Nonconformance Report- Sample Log-In



Client: Trinity Oilfield Services & Rentals, LLC

Date/ Time Received: 03/25/2019 07:35:00 AM

Acceptable Temperature Range: 0 - 6 degC Air and Metal samples Acceptable Range: Ambient

Work Order #: 618715

Temperature Measuring device used: R8

| | Sample Receipt Checklist | | Comments |
|---|--------------------------|-----|----------|
| #1 *Temperature of cooler(s)? | | 2.7 | |
| #2 *Shipping container in good condition? | | Yes | |
| #3 *Samples received on ice? | | Yes | |
| #4 *Custody Seals intact on shipping contai | ner/ cooler? | N/A | |
| #5 Custody Seals intact on sample bottles? | | N/A | |
| #6*Custody Seals Signed and dated? | | N/A | |
| #7 *Chain of Custody present? | | Yes | |
| #8 Any missing/extra samples? | | No | |
| #9 Chain of Custody signed when relinquish | ned/ received? | Yes | |
| #10 Chain of Custody agrees with sample la | abels/matrix? | Yes | |
| #11 Container label(s) legible and intact? | | Yes | |
| #12 Samples in proper container/ bottle? | | Yes | |
| #13 Samples properly preserved? | | Yes | |
| #14 Sample container(s) intact? | | Yes | |
| #15 Sufficient sample amount for indicated | test(s)? | Yes | |
| #16 All samples received within hold time? | | Yes | |
| #17 Subcontract of sample(s)? | | N/A | |
| #18 Water VOC samples have zero headsp | ace? | N/A | |
| | | | |
| | | | |
| | | | |

| * Must be | completed for after-hours de | livery of samples prior to p | lacing in the refrigerator |
|-----------|------------------------------|------------------------------|----------------------------|
| Analyst: | | PH Device/Lot#: | |
| | | | |
| | Checklist completed by: | Brillia Tal Brianna Teel | Date: 03/25/2019 |
| | Checklist reviewed by: | Hely Taylor Holly Taylor | Date: 03/26/2019 |



Certificate of Analysis Summary 618716

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Project Name: Red Tank 30-31 ST. Com 24Y

Page 91

Project Id:

Contact: Ben Arguijo

Project Location:

Date Received in Lab: Mon Mar-25-19 07:35 am

Report Date: 01-APR-19 **Project Manager:** Holly Taylor

| | Lab Id: | 618716-0 | 001 | 618716-0 | 002 | 618716-0 | 003 | 618716- | 004 | 618716- | 005 | 618716-006 | |
|------------------------------------|------------|--------------|-----------------|-------------|----------|--------------|---------|--------------|---------|-----------------|-----------|--------------|-----------|
| Analysis Requested | Field Id: | SP-1 E. Wall | @ 1.5' | SP-1 W. Wal | 1 @ 1.5' | SP-2 N. Wall | @ 1.5' | SP-3 S. Wall | @ 1.5' | SP-4 NE. Wa | 11 @ 1.5' | SP-5 SE. Wal | 11 @ 1.5' |
| Anaiysis Requesieu | Depth: | | | | | | | | | | | | |
| | Matrix: | SOIL | , | SOIL | SOIL | | , | SOIL | | SOIL | | SOIL | _ |
| | Sampled: | Mar-22-19 | 09:25 | Mar-22-19 | 09:27 | Mar-22-19 | 09:31 | Mar-22-19 | 09:30 | Mar-22-19 09:36 | | Mar-22-19 | 09:47 |
| BTEX by EPA 8021B | Extracted: | Mar-29-19 | Mar-29-19 16:00 | | 16:00 | Mar-29-19 | 16:00 | Mar-29-19 | 16:00 | Mar-29-19 | 16:00 | Mar-29-19 | 16:00 |
| | Analyzed: | Mar-29-19 | 22:50 | Mar-29-19 | 23:09 | Mar-29-19 | 23:28 | Mar-29-19 | 23:47 | Mar-30-19 | 00:06 | Mar-30-19 | 01:20 |
| | Units/RL: | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL |
| Benzene | | < 0.00202 | 0.00202 | < 0.00201 | 0.00201 | < 0.00200 | 0.00200 | < 0.00199 | 0.00199 | < 0.00200 | 0.00200 | < 0.00198 | 0.00198 |
| Toluene | | 0.00428 | 0.00202 | < 0.00201 | 0.00201 | < 0.00200 | 0.00200 | < 0.00199 | 0.00199 | < 0.00200 | 0.00200 | < 0.00198 | 0.00198 |
| Ethylbenzene | | < 0.00202 | 0.00202 | < 0.00201 | 0.00201 | < 0.00200 | 0.00200 | < 0.00199 | 0.00199 | < 0.00200 | 0.00200 | < 0.00198 | 0.00198 |
| m,p-Xylenes | | < 0.00403 | 0.00403 | < 0.00402 | 0.00402 | < 0.00401 | 0.00401 | < 0.00398 | 0.00398 | < 0.00399 | 0.00399 | < 0.00397 | 0.00397 |
| o-Xylene | | < 0.00202 | 0.00202 | < 0.00201 | 0.00201 | < 0.00200 | 0.00200 | < 0.00199 | 0.00199 | < 0.00200 | 0.00200 | < 0.00198 | 0.00198 |
| Total Xylenes | | < 0.00202 | 0.00202 | < 0.00201 | 0.00201 | < 0.00200 | 0.00200 | < 0.00199 | 0.00199 | < 0.00200 | 0.00200 | < 0.00198 | 0.00198 |
| Total BTEX | | 0.00428 | 0.00202 | < 0.00201 | 0.00201 | < 0.00200 | 0.00200 | < 0.00199 | 0.00199 | < 0.00200 | 0.00200 | < 0.00198 | 0.00198 |
| Chloride by EPA 300 | Extracted: | Mar-26-19 | 08:40 | Mar-26-19 | 08:40 | Mar-26-19 | 08:40 | Mar-26-19 | 08:40 | Mar-26-19 | 08:40 | Mar-26-19 | 08:40 |
| | Analyzed: | Mar-26-19 | 12:01 | Mar-26-19 | 12:22 | Mar-26-19 | 12:28 | Mar-26-19 | 12:48 | Mar-26-19 | 12:55 | Mar-26-19 | 13:01 |
| | Units/RL: | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL |
| Chloride | | 12.7 | 4.99 | 25.6 | 4.99 | 34.2 | 4.96 | 42.4 | 4.98 | 19.7 | 4.95 | 27.7 | 4.98 |
| TPH By SW8015 Mod | Extracted: | Mar-29-19 | 07:00 | Mar-29-19 | 07:00 | Mar-29-19 | 07:00 | Mar-29-19 | 10:00 | Mar-28-19 | 07:00 | Mar-26-19 | 16:00 |
| | Analyzed: | Mar-29-19 | 20:06 | Mar-29-19 | 20:25 | Mar-29-19 | 20:44 | Mar-29-19 | 23:36 | Mar-28-19 | 15:51 | Mar-27-19 | 08:20 |
| | Units/RL: | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL |
| Gasoline Range Hydrocarbons (GRO) | | <15.0 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | <14.9 | 14.9 |
| Diesel Range Organics (DRO) | | <15.0 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | <14.9 | 14.9 |
| Motor Oil Range Hydrocarbons (MRO) | | <15.0 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | <14.9 | 14.9 |
| Total TPH | | <15.0 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | <14.9 | 14.9 |

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

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

Holly Taylor



Certificate of Analysis Summary 618716

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Project Name: Red Tank 30-31 ST. Com 24Y



Project Id: Contact:

Ben Arguijo

Project Location:

Date Received in Lab: Mon Mar-25-19 07:35 am

Report Date: 01-APR-19 **Project Manager:** Holly Taylor

| | | | | | | | | | | I | | |
|------------------------------------|------------|--------------|-----------------|-----------|-----------------|-----------|---------|-----------------|-----------|------------|-----------|--|
| | Lab Id: | 618716-0 | 007 | 618716- | 008 | 618716-0 | 009 | 618716- | 010 | 618716- | 011 | |
| Analysis Requested | Field Id: | SP-6 S. Wall | @ 1.5' | SP-7 @ | 1.5' | SP-7 @ | 4' | SP-7 NW. Wa | 11 @ 1.5' | SP-7 NW. W | 'all @ 4' | |
| Thulysis Requesicu | Depth: | | | | | | | | | | | |
| | Matrix: | SOIL | , | SOIL | , | SOIL | , | SOIL | | SOIL | _ | |
| | Sampled: | Mar-22-19 | 09:28 | Mar-22-19 | Mar-22-19 09:52 | | 10:00 | Mar-22-19 | 09:55 | Mar-22-19 | 10:04 | |
| BTEX by EPA 8021B | Extracted: | Mar-29-19 | Mar-29-19 16:00 | | 16:00 | Mar-29-19 | 16:00 | Mar-29-19 16:00 | | Mar-29-19 | 16:00 | |
| | Analyzed: | Mar-30-19 | 01:39 | Mar-30-19 | 01:58 | Mar-30-19 | 02:17 | Mar-30-19 | 02:36 | Mar-30-19 | 02:55 | |
| | Units/RL: | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | |
| Benzene | | < 0.00200 | 0.00200 | < 0.00201 | 0.00201 | < 0.00199 | 0.00199 | < 0.00200 | 0.00200 | < 0.00198 | 0.00198 | |
| Toluene | | < 0.00200 | 0.00200 | < 0.00201 | 0.00201 | < 0.00199 | 0.00199 | < 0.00200 | 0.00200 | < 0.00198 | 0.00198 | |
| Ethylbenzene | | < 0.00200 | 0.00200 | < 0.00201 | 0.00201 | 0.0140 | 0.00199 | < 0.00200 | 0.00200 | < 0.00198 | 0.00198 | |
| m,p-Xylenes | | < 0.00401 | 0.00401 | < 0.00402 | 0.00402 | 0.157 | 0.00398 | < 0.00399 | 0.00399 | < 0.00397 | 0.00397 | |
| o-Xylene | | < 0.00200 | 0.00200 | < 0.00201 | 0.00201 | 0.147 | 0.00199 | < 0.00200 | 0.00200 | < 0.00198 | 0.00198 | |
| Total Xylenes | | < 0.00200 | 0.00200 | < 0.00201 | 0.00201 | 0.304 | 0.00199 | < 0.00200 | 0.00200 | < 0.00198 | 0.00198 | |
| Total BTEX | | < 0.00200 | 0.00200 | < 0.00201 | 0.00201 | 0.318 | 0.00199 | < 0.00200 | 0.00200 | < 0.00198 | 0.00198 | |
| Chloride by EPA 300 | Extracted: | Mar-26-19 | 08:40 | Mar-26-19 | 08:40 | Mar-26-19 | 08:40 | Mar-26-19 | 08:40 | Mar-26-19 | 09:00 | |
| | Analyzed: | Mar-26-19 | 13:08 | Mar-26-19 | 13:15 | Mar-26-19 | 13:21 | Mar-26-19 | 13:28 | Mar-26-19 | 09:33 | |
| | Units/RL: | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | |
| Chloride | | 26.2 | 5.02 | 26.2 | 4.96 | 37.5 | 4.96 | 21.0 | 5.01 | < 5.04 | 5.04 | |
| TPH By SW8015 Mod | Extracted: | Mar-26-19 | 16:00 | Mar-26-19 | 16:00 | Mar-26-19 | 16:00 | Mar-26-19 | 16:00 | Mar-26-19 | 16:00 | |
| | Analyzed: | Mar-27-19 | 08:39 | Mar-27-19 | 08:59 | Mar-27-19 | 09:18 | Mar-27-19 | 09:38 | Mar-27-19 | 09:57 | |
| | Units/RL: | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | |
| Gasoline Range Hydrocarbons (GRO) | | <15.0 | 15.0 | <15.0 | 15.0 | 68.8 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | |
| Diesel Range Organics (DRO) | | <15.0 | 15.0 | <15.0 | 15.0 | 1290 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | |
| Motor Oil Range Hydrocarbons (MRO) | | <15.0 | 15.0 | <15.0 | 15.0 | 402 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | |
| Total TPH | | <15.0 | 15.0 | <15.0 | 15.0 | 1760 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | |

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

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

Holly Taylor Project Manager

Analytical Report 618716

foi

Trinity Oilfield Services & Rentals, LLC

Project Manager: Ben Arguijo Red Tank 30-31 ST. Com 24Y

01-APR-19

Collected By: Client





1211 W. Florida Ave Midland TX 79701

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

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

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

Xenco-Tampa: Florida (E87429), North Carolina (483) Xenco-Lakeland: Florida (E84098)





01-APR-19

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

Reference: XENCO Report No(s): 618716

Red Tank 30-31 ST. Com 24Y

Project Address:

Ben Arguijo:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 618716. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

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

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 618716 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

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

Respectfully,

thely Taylor

Holly Taylor

Project Manager

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

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



Sample Cross Reference 618716



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

| Sample Id | Matrix | Date Collected | Sample Depth | Lab Sample Id |
|----------------------|--------|-----------------------|--------------|---------------|
| SP-1 E. Wall @ 1.5' | S | 03-22-19 09:25 | | 618716-001 |
| SP-1 W. Wall @ 1.5' | S | 03-22-19 09:27 | | 618716-002 |
| SP-2 N. Wall @ 1.5' | S | 03-22-19 09:31 | | 618716-003 |
| SP-3 S. Wall @ 1.5' | S | 03-22-19 09:30 | | 618716-004 |
| SP-4 NE. Wall @ 1.5' | S | 03-22-19 09:36 | | 618716-005 |
| SP-5 SE. Wall @ 1.5' | S | 03-22-19 09:47 | | 618716-006 |
| SP-6 S. Wall @ 1.5' | S | 03-22-19 09:28 | | 618716-007 |
| SP-7 @ 1.5' | S | 03-22-19 09:52 | | 618716-008 |
| SP-7 @ 4' | S | 03-22-19 10:00 | | 618716-009 |
| SP-7 NW. Wall @ 1.5' | S | 03-22-19 09:55 | | 618716-010 |
| SP-7 NW. Wall @ 4' | S | 03-22-19 10:04 | | 618716-011 |

CASE NARRATIVE

Client Name: Trinity Oilfield Services & Rentals, LLC Project Name: Red Tank 30-31 ST. Com 24Y

Project ID: Report Date: 01-APR-19
Work Order Number(s): 618716
Date Received: 03/25/2019

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3083494 Chloride by EPA 300

Lab Sample ID 618716-001 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Chloride recovered above QC limits in the Matrix Spike and Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 618716-001, -002, -003, -004, -005, -006, -007, -008, -009, -010.

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

Batch: LBA-3084057 BTEX by EPA 8021B

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

Samples affected are: 618716-009.

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





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

03.26.19 08.40

Sample Id: SP-1 E. Wall @ 1.5'

Soil Matrix:

Date Received:03.25.19 07.35

Lab Sample Id: 618716-001

Date Collected: 03.22.19 09.25

Analytical Method: Chloride by EPA 300

Prep Method: E300P

CHE

% Moisture:

Tech: CHE Analyst:

Date Prep:

Basis:

Wet Weight

Seq Number: 3083494

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------------|------|-----|
| Chloride | 16887-00-6 | 12.7 | 4.99 | mg/kg | 03.26.19 12.01 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

% Moisture:

Tech:

Analyst:

ARMARM

03.29.19 07.00 Date Prep:

Basis: Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | | mg/kg | 03.29.19 20.06 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | | mg/kg | 03.29.19 20.06 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | | mg/kg | 03.29.19 20.06 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | | mg/kg | 03.29.19 20.06 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 90 | % | 70-135 | 03.29.19 20.06 | | |
| o-Terphenyl | | 84-15-1 | 92 | % | 70-135 | 03.29.19 20.06 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

Sample Id: SP-1 E. Wall @ 1.5'

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618716-001

Date Collected: 03.22.19 09.25

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SCM

Date Prep:

% Moisture:

Analyst: SCM

p: 03.29.19 16.00

Basis: Wet Weight

| Parameter | Cas Number | r Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00202 | 0.00202 | | mg/kg | 03.29.19 22.50 | U | 1 |
| Toluene | 108-88-3 | 0.00428 | 0.00202 | | mg/kg | 03.29.19 22.50 | | 1 |
| Ethylbenzene | 100-41-4 | < 0.00202 | 0.00202 | | mg/kg | 03.29.19 22.50 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00403 | 0.00403 | | mg/kg | 03.29.19 22.50 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00202 | 0.00202 | | mg/kg | 03.29.19 22.50 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00202 | 0.00202 | | mg/kg | 03.29.19 22.50 | U | 1 |
| Total BTEX | | 0.00428 | 0.00202 | | mg/kg | 03.29.19 22.50 | | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | | 540-36-3 | 100 | % | 70-130 | 03.29.19 22.50 | | |
| 4-Bromofluorobenzene | | 460-00-4 | 112 | % | 70-130 | 03.29.19 22.50 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

Sample Id: SP-1 W. Wall @ 1.5'

CHE

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618716-002

Date Collected: 03.22.19 09.27

Analytical Method: Chloride by EPA 300

Prep Method: E300P

% Moisture:

Tech: CHE

Analyst:

Date Prep:

03.26.19 08.40 Basis:

Wet Weight

Seq Number: 3083494

 Parameter
 Cas Number
 Result
 RL
 Units
 Analysis Date
 Flag
 Dil

 Chloride
 16887-00-6
 25.6
 4.99
 mg/kg
 03.26.19 12.22
 1

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

% Moisture:

Tech: Analyst: ARM ARM

Date Prep: 03.29.19 07.00

Basis: Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | | mg/kg | 03.29.19 20.25 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | | mg/kg | 03.29.19 20.25 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | | mg/kg | 03.29.19 20.25 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | | mg/kg | 03.29.19 20.25 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 90 | % | 70-135 | 03.29.19 20.25 | | |
| o-Terphenyl | | 84-15-1 | 91 | % | 70-135 | 03.29.19 20.25 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

03.29.19 16.00

Sample Id: SP-1 W. Wall @ 1.5'

Analytical Method: BTEX by EPA 8021B

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618716-002

Date Collected: 03.22.19 09.27

Prep Method: SW5030B

% Moisture:

Tech: SCM

Analyst:

SCM Date Prep:

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00201 | 0.00201 | | mg/kg | 03.29.19 23.09 | U | 1 |
| Toluene | 108-88-3 | < 0.00201 | 0.00201 | | mg/kg | 03.29.19 23.09 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00201 | 0.00201 | | mg/kg | 03.29.19 23.09 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00402 | 0.00402 | | mg/kg | 03.29.19 23.09 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00201 | 0.00201 | | mg/kg | 03.29.19 23.09 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00201 | 0.00201 | | mg/kg | 03.29.19 23.09 | U | 1 |
| Total BTEX | | < 0.00201 | 0.00201 | | mg/kg | 03.29.19 23.09 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | | 540-36-3 | 99 | % | 70-130 | 03.29.19 23.09 | | |
| 4-Bromofluorobenzene | | 460-00-4 | 107 | % | 70-130 | 03.29.19 23.09 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

03.26.19 08.40

Sample Id: SP-2 N. Wall @ 1.5'

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618716-003

Date Collected: 03.22.19 09.31

Analytical Method: Chloride by EPA 300

CHE

Prep Method: E300P

Tech: CHE

Analyst:

Date Prep:

% Moisture:

% Moistu
Basis:

Wet Weight

Seq Number: 3083494

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 34.2 | 4.96 | mg/kg | 03.26.19 12.28 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

% Moisture:

Tech:
Analyst:

ARM ARM

Date Prep: 03.29.19 07.00

Basis: Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | | mg/kg | 03.29.19 20.44 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | | mg/kg | 03.29.19 20.44 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | | mg/kg | 03.29.19 20.44 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | | mg/kg | 03.29.19 20.44 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 90 | % | 70-135 | 03.29.19 20.44 | | |
| o-Terphenyl | | 84-15-1 | 91 | % | 70-135 | 03.29.19 20.44 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

03.29.19 16.00

Sample Id: SP-2 N. Wall @ 1.5' Matrix: Soil Date Received:03.25.19 07.35

Lab Sample Id: 618716-003

Date Collected: 03.22.19 09.31

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

SCM

% Moisture:

Tech: SCM

Analyst:

Date Prep:

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 23.28 | U | 1 |
| Toluene | 108-88-3 | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 23.28 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 23.28 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00401 | 0.00401 | | mg/kg | 03.29.19 23.28 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 23.28 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 23.28 | U | 1 |
| Total BTEX | | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 23.28 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | | 540-36-3 | 98 | % | 70-130 | 03.29.19 23.28 | | |
| 4-Bromofluorobenzene | | 460-00-4 | 107 | % | 70-130 | 03.29.19 23.28 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

Sample Id: **SP-3 S. Wall** @ **1.5**'

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618716-004

Date Collected: 03.22.19 09.30

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

Analyst: CHE

Date Prep:

03.26.19 08.40

Basis: Wet Weight

Seq Number: 3083494

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 42.4 | 4.98 | mg/kg | 03.26.19 12.48 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

ARM ARM % Moisture:

Date Prep: 03.29.19 10.00

Basis: Wet Weight

Seq Number: 3084047

Tech:

Analyst:

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | | mg/kg | 03.29.19 23.36 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | | mg/kg | 03.29.19 23.36 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | | mg/kg | 03.29.19 23.36 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | | mg/kg | 03.29.19 23.36 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 91 | % | 70-135 | 03.29.19 23.36 | | |
| o-Terphenyl | | 84-15-1 | 92 | % | 70-135 | 03.29.19 23.36 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

Sample Id: SP-3 S. Wall @ 1.5' Matrix: Soil Date Received:03.25.19 07.35

Lab Sample Id: 618716-004

Date Collected: 03.22.19 09.30

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

SCM

03.29.19 16.00

% Moisture:

Tech: SCM Analyst:

Date Prep:

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------------|------|-----|
| Benzene | 71-43-2 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 23.47 | U | 1 |
| Toluene | 108-88-3 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 23.47 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 23.47 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00398 | 0.00398 | | mg/kg | 03.29.19 23.47 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 23.47 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 23.47 | U | 1 |
| Total BTEX | | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 23.47 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | | 460-00-4 | 110 | % | 70-130 | 03.29.19 23.47 | | |
| 1,4-Difluorobenzene | | 540-36-3 | 99 | % | 70-130 | 03.29.19 23.47 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

Sample Id: SP-4 NE. Wall @ 1.5'

Analytical Method: Chloride by EPA 300

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618716-005

Date Collected: 03.22.19 09.36

Date Concetca: 03.22.17 07.30

Prep Method: E300P

% Moisture:

Tech: CHE

Analyst:

CHE

Date Prep: 03.26.19 08.40

Basis:

Wet Weight

Seq Number: 3083494

 Parameter
 Cas Number
 Result
 RL
 Units
 Analysis Date
 Flag
 Dil

 Chloride
 16887-00-6
 19.7
 4.95
 mg/kg
 03.26.19 12.55
 1

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

% Moisture:

Tech: Analyst: ARM ARM

Date Prep: 03.28.19 07.00

Basis: Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | | mg/kg | 03.28.19 15.51 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | | mg/kg | 03.28.19 15.51 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | | mg/kg | 03.28.19 15.51 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | | mg/kg | 03.28.19 15.51 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 92 | % | 70-135 | 03.28.19 15.51 | | |
| o-Terphenyl | | 84-15-1 | 94 | % | 70-135 | 03.28.19 15.51 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

Sample Id: SP-4 NE. Wall @ 1.5' Matrix: Soil Date Received:03.25.19 07.35

Lab Sample Id: 618716-005

Date Collected: 03.22.19 09.36

Prep Method: SW5030B

% Moisture:

Tech: SCM

Analyst:

SCM

Analytical Method: BTEX by EPA 8021B

Date Prep: 03.29.19 16.00 Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00200 | 0.00200 | | mg/kg | 03.30.19 00.06 | U | 1 |
| Toluene | 108-88-3 | < 0.00200 | 0.00200 | | mg/kg | 03.30.19 00.06 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00200 | 0.00200 | | mg/kg | 03.30.19 00.06 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00399 | 0.00399 | | mg/kg | 03.30.19 00.06 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00200 | 0.00200 | | mg/kg | 03.30.19 00.06 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00200 | 0.00200 | | mg/kg | 03.30.19 00.06 | U | 1 |
| Total BTEX | | < 0.00200 | 0.00200 | | mg/kg | 03.30.19 00.06 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | | 540-36-3 | 98 | % | 70-130 | 03.30.19 00.06 | | |
| 4-Bromofluorobenzene | | 460-00-4 | 105 | % | 70-130 | 03.30.19 00.06 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

Sample Id: SP-5 SE. Wall @ 1.5'

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618716-006

Date Collected: 03.22.19 09.47

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: C

CHE

% Moisture:

Analyst: CHE

Date Prep:

03.26.19 08.40

Basis:

Wet Weight

Seq Number: 3083494

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 27.7 | 4.98 | mg/kg | 03.26.19 13.01 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

% Moisture:

Tech:
Analyst:

ARM ARM

Date Prep: 03.26.19 16.00

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <14.9 | 14.9 | | mg/kg | 03.27.19 08.20 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <14.9 | 14.9 | | mg/kg | 03.27.19 08.20 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <14.9 | 14.9 | | mg/kg | 03.27.19 08.20 | U | 1 |
| Total TPH | PHC635 | <14.9 | 14.9 | | mg/kg | 03.27.19 08.20 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 82 | % | 70-135 | 03.27.19 08.20 | | |
| o-Terphenyl | | 84-15-1 | 81 | % | 70-135 | 03.27.19 08.20 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

Sample Id: SP-5 SE. Wall @ 1.5'

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618716-006

Date Collected: 03.22.19 09.47

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SCM

% Moisture:

Analyst: SCM

Date Prep: 03.29.19 16.00

Basis: Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------------|------|-----|
| Benzene | 71-43-2 | < 0.00198 | 0.00198 | | mg/kg | 03.30.19 01.20 | U | 1 |
| Toluene | 108-88-3 | < 0.00198 | 0.00198 | | mg/kg | 03.30.19 01.20 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00198 | 0.00198 | | mg/kg | 03.30.19 01.20 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00397 | 0.00397 | | mg/kg | 03.30.19 01.20 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00198 | 0.00198 | | mg/kg | 03.30.19 01.20 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00198 | 0.00198 | | mg/kg | 03.30.19 01.20 | U | 1 |
| Total BTEX | | < 0.00198 | 0.00198 | | mg/kg | 03.30.19 01.20 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | | 460-00-4 | 101 | % | 70-130 | 03.30.19 01.20 | | |
| 1,4-Difluorobenzene | | 540-36-3 | 97 | % | 70-130 | 03.30.19 01.20 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

Sample Id: SP-6 S. Wall @ 1.5' Matrix: Soil Date Received:03.25.19 07.35

Lab Sample Id: 618716-007

Date Collected: 03.22.19 09.28

Analytical Method: Chloride by EPA 300

Prep Method: E300P

CHE Tech:

% Moisture:

Wet Weight

CHE Analyst:

Seq Number: 3083494

Date Prep:

03.26.19 08.40

Basis:

Parameter Cas Number Result RLUnits **Analysis Date** Flag Dil Chloride 16887-00-6 03.26.19 13.08 26.2 5.02 mg/kg 1

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

Tech:

ARM

% Moisture:

ARM Analyst:

Seq Number: 3083540

03.26.19 16.00 Date Prep:

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | | mg/kg | 03.27.19 08.39 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | | mg/kg | 03.27.19 08.39 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | | mg/kg | 03.27.19 08.39 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | | mg/kg | 03.27.19 08.39 | U | 1 |
| Surrogate | | Cas Number | % Danayawa | Units | Limits | Analysis Date | Flag | |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date |
|----------------|------------|---------------|-------|--------|----------------|
| 1-Chlorooctane | 111-85-3 | 82 | % | 70-135 | 03.27.19 08.39 |
| o-Terphenyl | 84-15-1 | 83 | % | 70-135 | 03.27.19 08.39 |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

Sample Id: SP-6 S. Wall @ 1.5'

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618716-007

Date Collected: 03.22.19 09.28

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech:

Analyst:

SCM

% Moisture:

rst: SCM

Date Prep: 03.29.19 16.00

Basis: Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00200 | 0.00200 | | mg/kg | 03.30.19 01.39 | U | 1 |
| Toluene | 108-88-3 | < 0.00200 | 0.00200 | | mg/kg | 03.30.19 01.39 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00200 | 0.00200 | | mg/kg | 03.30.19 01.39 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00401 | 0.00401 | | mg/kg | 03.30.19 01.39 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00200 | 0.00200 | | mg/kg | 03.30.19 01.39 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00200 | 0.00200 | | mg/kg | 03.30.19 01.39 | U | 1 |
| Total BTEX | | < 0.00200 | 0.00200 | | mg/kg | 03.30.19 01.39 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | | 460-00-4 | 100 | % | 70-130 | 03.30.19 01.39 | | |
| 1,4-Difluorobenzene | | 540-36-3 | 97 | % | 70-130 | 03.30.19 01.39 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

Soil

Sample Id: SP-7 @ 1.5' Matrix:

Date Received:03.25.19 07.35

Lab Sample Id: 618716-008

Date Collected: 03.22.19 09.52

Prep Method: E300P

Tech:

Analytical Method: Chloride by EPA 300

% Moisture:

Analyst:

CHE

Basis:

Wet Weight

CHE

Date Prep: 03.26.19 08.40

Seq Number: 3083494

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 26.2 | 4.96 | mg/kg | 03.26.19 13.15 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

% Moisture:

Tech: Analyst: ARMARM

03.26.19 16.00 Date Prep:

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | | mg/kg | 03.27.19 08.59 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | | mg/kg | 03.27.19 08.59 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | | mg/kg | 03.27.19 08.59 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | | mg/kg | 03.27.19 08.59 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 82 | % | 70-135 | 03.27.19 08.59 | | |
| o-Terphenyl | | 84-15-1 | 82 | % | 70-135 | 03.27.19 08.59 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

Sample Id: SP-7 @ 1.5' Matrix:

Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618716-008

Date Collected: 03.22.19 09.52

Prep Method: SW5030B

Tech:

SCM

Analytical Method: BTEX by EPA 8021B

% Moisture:

Analyst:

SCM

Date Prep: 03.29.19 16.00 Basis:

Wet Weight

| Parameter | Cas Number | r Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00201 | 0.00201 | | mg/kg | 03.30.19 01.58 | U | 1 |
| Toluene | 108-88-3 | < 0.00201 | 0.00201 | | mg/kg | 03.30.19 01.58 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00201 | 0.00201 | | mg/kg | 03.30.19 01.58 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00402 | 0.00402 | | mg/kg | 03.30.19 01.58 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00201 | 0.00201 | | mg/kg | 03.30.19 01.58 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00201 | 0.00201 | | mg/kg | 03.30.19 01.58 | U | 1 |
| Total BTEX | | < 0.00201 | 0.00201 | | mg/kg | 03.30.19 01.58 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | | 460-00-4 | 106 | % | 70-130 | 03.30.19 01.58 | | |
| 1.4-Difluorobenzene | | 540-36-3 | 99 | % | 70-130 | 03.30.19 01.58 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

Sample Id: **SP-7** @ **4'**

Matrix:

Date Prep:

Date Received:03.25.19 07.35

Lab Sample Id: 618716-009

Date Collected: 03.22.19 10.00

... Conceted. 03.22.17 10.00

Soil

Prep Method: E300P

% Moisture:

Tech: CHE

Analyst:

CHE

Analytical Method: Chloride by EPA 300

03.26.19 08.40

Basis:

Wet Weight

Seq Number: 3083494

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 37.5 | 4.96 | mg/kg | 03.26.19 13.21 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

% Moisture:

Tech:
Analyst:

ARM ARM

Date Prep: 03.26.19 16.00

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | 68.8 | 15.0 | | mg/kg | 03.27.19 09.18 | | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | 1290 | 15.0 | | mg/kg | 03.27.19 09.18 | | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | 402 | 15.0 | | mg/kg | 03.27.19 09.18 | | 1 |
| Total TPH | PHC635 | 1760 | 15.0 | | mg/kg | 03.27.19 09.18 | | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 89 | % | 70-135 | 03.27.19 09.18 | | |
| o-Terphenyl | | 84-15-1 | 114 | % | 70-135 | 03.27.19 09.18 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

Soil

Sample Id: SP-7 @ 4'

Matrix:

Date Received:03.25.19 07.35

Lab Sample Id: 618716-009

Date Collected: 03.22.19 10.00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SC

SCM

% Moisture:

Analyst: SCM

Date Prep: 03.29.19 16.00

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00199 | 0.00199 | | mg/kg | 03.30.19 02.17 | U | 1 |
| Toluene | 108-88-3 | < 0.00199 | 0.00199 | | mg/kg | 03.30.19 02.17 | U | 1 |
| Ethylbenzene | 100-41-4 | 0.0140 | 0.00199 | | mg/kg | 03.30.19 02.17 | | 1 |
| m,p-Xylenes | 179601-23-1 | 0.157 | 0.00398 | | mg/kg | 03.30.19 02.17 | | 1 |
| o-Xylene | 95-47-6 | 0.147 | 0.00199 | | mg/kg | 03.30.19 02.17 | | 1 |
| Total Xylenes | 1330-20-7 | 0.304 | 0.00199 | | mg/kg | 03.30.19 02.17 | | 1 |
| Total BTEX | | 0.318 | 0.00199 | | mg/kg | 03.30.19 02.17 | | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | | 540-36-3 | 97 | % | 70-130 | 03.30.19 02.17 | | |
| 4-Bromofluorobenzene | | 460-00-4 | 162 | % | 70-130 | 03.30.19 02.17 | ** | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

Sample Id: SP-7 NW. Wall @ 1.5'

Analytical Method: Chloride by EPA 300

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618716-010

Date Collected: 03.22.19 09.55

Prep Method: E300P

% Moisture:

Tech: CHE

Analyst:

CHE

Date Prep: 03.26.19 08.40

Basis:

Wet Weight

Seq Number: 3083494

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 21.0 | 5.01 | mg/kg | 03.26.19 13.28 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

% Moisture:

Tech: Analyst: ARM ARM

Date Prep: 03.26.19 16.00

Basis: Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | | mg/kg | 03.27.19 09.38 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | | mg/kg | 03.27.19 09.38 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | | mg/kg | 03.27.19 09.38 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | | mg/kg | 03.27.19 09.38 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 80 | % | 70-135 | 03.27.19 09.38 | | |
| o-Terphenyl | | 84-15-1 | 79 | % | 70-135 | 03.27.19 09.38 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

Sample Id: SP-7 NW. Wall @ 1.5'

Analytical Method: BTEX by EPA 8021B

SCM

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618716-010

Date Collected: 03.22.19 09.55

Prep Method: SW5030B

Терт

Tech: SCM

Analyst:

Date Prep: 03.29.19 16.00

% Moisture: Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00200 | 0.00200 | | mg/kg | 03.30.19 02.36 | U | 1 |
| Toluene | 108-88-3 | < 0.00200 | 0.00200 | | mg/kg | 03.30.19 02.36 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00200 | 0.00200 | | mg/kg | 03.30.19 02.36 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00399 | 0.00399 | | mg/kg | 03.30.19 02.36 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00200 | 0.00200 | | mg/kg | 03.30.19 02.36 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00200 | 0.00200 | | mg/kg | 03.30.19 02.36 | U | 1 |
| Total BTEX | | < 0.00200 | 0.00200 | | mg/kg | 03.30.19 02.36 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | | 460-00-4 | 112 | % | 70-130 | 03.30.19 02.36 | | |
| 1,4-Difluorobenzene | | 540-36-3 | 100 | % | 70-130 | 03.30.19 02.36 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

Sample Id: SP-7 NW. Wall @ 4'

Analytical Method: Chloride by EPA 300

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618716-011

Date Collected: 03.22.19 10.04

Prep Method: E300P

% Moisture:

Tech: CH

Analyst:

CHE CHE

Date Prep: 03.26.19 09.00

Basis:

Wet Weight

Seq Number: 3083390

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | < 5.04 | 5.04 | mg/kg | 03.26.19 09.33 | U | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

% Moisture:

Tech:
Analyst:

ARM ARM

Date Prep: 03.26.19 16.00

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | | mg/kg | 03.27.19 09.57 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | | mg/kg | 03.27.19 09.57 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | | mg/kg | 03.27.19 09.57 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | | mg/kg | 03.27.19 09.57 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 83 | % | 70-135 | 03.27.19 09.57 | | |
| o-Terphenyl | | 84-15-1 | 83 | % | 70-135 | 03.27.19 09.57 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

Sample Id: SP-7 NW. Wall @ 4' Matrix: Soil Date Received:03.25.19 07.35

Lab Sample Id: 618716-011

Date Collected: 03.22.19 10.04

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

% Moisture:

Tech: SCMSCM

Analyst:

Date Prep: 03.29.19 16.00 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00198 | 0.00198 | | mg/kg | 03.30.19 02.55 | U | 1 |
| Toluene | 108-88-3 | < 0.00198 | 0.00198 | | mg/kg | 03.30.19 02.55 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00198 | 0.00198 | | mg/kg | 03.30.19 02.55 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00397 | 0.00397 | | mg/kg | 03.30.19 02.55 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00198 | 0.00198 | | mg/kg | 03.30.19 02.55 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00198 | 0.00198 | | mg/kg | 03.30.19 02.55 | U | 1 |
| Total BTEX | | < 0.00198 | 0.00198 | | mg/kg | 03.30.19 02.55 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | | 460-00-4 | 107 | % | 70-130 | 03.30.19 02.55 | | |
| 1,4-Difluorobenzene | | 540-36-3 | 100 | % | 70-130 | 03.30.19 02.55 | | |



Flagging Criteria



Page 119 of 278

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

BRL Below Reporting Limit.

RL Reporting Limit

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

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

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample BLK Method Blank

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

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

- + NELAC certification not offered for this compound.
- * (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

^{**} Surrogate recovered outside laboratory control limit.



QC Summary 618716

Trinity Oilfield Services & Rentals, LLC

Red Tank 30-31 ST. Com 24Y

LCSD

LCSD

Limits

Analytical Method: Chloride by EPA 300

Seq Number: 3083494 Matrix: Solid

MR

LCS Sample Id: 7674320-1-BKS MB Sample Id: 7674320-1-BLK

LCS

Spike

Date Prep: 03.26.19

Prep Method:

%RPD RPD Limit Units

LCSD Sample Id: 7674320-1-BSD

E300P

E300P

Prep Method:

Analysis

Flag **Parameter** Result Amount Result %Rec Date %Rec Result

90-110 03.26.19 10:15 Chloride < 0.858 250 254 102 252 101 20 mg/kg

LCS

Analytical Method: Chloride by EPA 300

E300P Prep Method: Seq Number: 3083390 Matrix: Solid Date Prep: 03.26.19

MB Sample Id: 7674322-1-BLK LCS Sample Id: 7674322-1-BKS LCSD Sample Id: 7674322-1-BSD

MB Spike LCS LCS %RPD RPD Limit Units LCSD LCSD Limits Analysis Flag **Parameter** Result %Rec Date Result Amount Result %Rec

Chloride < 5.00 250 245 98 245 98 90-110 0 20 mg/kg 03.26.19 09:22

Analytical Method: Chloride by EPA 300

Prep Method: E300P Seq Number: 3083494 Matrix: Soil 03.26.19 Date Prep:

MS Sample Id: 618715-002 S MSD Sample Id: 618715-002 SD Parent Sample Id: 618715-002

MS %RPD RPD Limit Units Parent Spike MS **MSD MSD** Limits Analysis Flag **Parameter** Result Date Result %Rec Amount Result %Rec

03.26.19 10:35 Chloride 196 250 441 98 443 99 90-110 0 20 mg/kg

Analytical Method: Chloride by EPA 300

Seq Number: 3083494 Matrix: Soil 03.26.19 Date Prep: 618716-001 S MSD Sample Id: 618716-001 SD MS Sample Id: Parent Sample Id: 618716-001

MS MSD %RPD RPD Limit Units Parent Spike MS **MSD** Limits Analysis Flag **Parameter** Result %Rec Date Result Amount Result %Rec

Chloride 250 315 121 340 90-110 20 03.26.19 12:08 12.7 131 8 X mg/kg

Analytical Method: Chloride by EPA 300

E300P Prep Method: 3083390 Matrix: Soil Seq Number: Date Prep: 03.26.19

Parent Sample Id: 618716-011 MS Sample Id: 618716-011 S MSD Sample Id: 618716-011 SD

Parent Spike MS MS Limits %RPD RPD Limit Units Analysis **MSD MSD** Flag **Parameter** Result Date Result Amount %Rec Result %Rec Chloride 4.46 252 253 99 251 98 90-110 20 mg/kg 03.26.19 09:39

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

Log Difference

[D] = 100*(C-A) / BRPD = 200* | (C-E) / (C+E) |[D] = 100 * (C) / [B]

Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample A = Parent Result

= MS/LCS Result = MSD/LCSD Result

Flag

Analysis



QC Summary 618716

Trinity Oilfield Services & Rentals, LLC

Red Tank 30-31 ST. Com 24Y

Analytical Method:TPH By SW8015 ModPrep Method:TX1005PSeq Number:3083540Matrix: SolidDate Prep:03.26.19

MB Sample Id: 7674391-1-BLK LCS Sample Id: 7674391-1-BKS LCSD Sample Id: 7674391-1-BSD

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limi | t Units | Analysis Date | Flag |
|-----------------------------------|--------------|-----------------|---------------|-------------|----------------|--------------|--------|------|----------|---------|------------------|------|
| Gasoline Range Hydrocarbons (GRO) | < 8.00 | 1000 | 898 | 90 | 937 | 94 | 70-135 | 4 | 20 | mg/kg | 03.27.19 01:54 | |
| Diesel Range Organics (DRO) | < 8.13 | 1000 | 992 | 99 | 1040 | 104 | 70-135 | 5 | 20 | mg/kg | 03.27.19 01:54 | |
| | 140 | MD | | GG I | CC | - ~~ | - 100 | D 7 | , | TT .*4 | A 7 | |

MBMB LCS LCS LCSD LCSD Limits Units Analysis **Surrogate** Date %Rec Flag %Rec Flag %Rec Flag 03.27.19 01:54 1-Chlorooctane 88 122 114 70-135 % o-Terphenyl 90 104 104 70-135 03.27.19 01:54

Analytical Method: TPH By SW8015 Mod Prep Method: TX1005P

LCS

Seq Number:3083750Matrix:SolidDate Prep:03.28.19MB Sample Id:7674566-1-BLKLCS Sample Id:7674566-1-BKSLCSD Sample Id:7674566-1-BSD

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Lim | it Units | Analysis Date |
|-----------------------------------|--------------|-----------------|---------------|-------------|----------------|--------------|--------|------|---------|----------|------------------|
| Gasoline Range Hydrocarbons (GRO) | < 8.00 | 1000 | 939 | 94 | 945 | 95 | 70-135 | 1 | 20 | mg/kg | 03.28.19 08:06 |
| Diesel Range Organics (DRO) | < 8.13 | 1000 | 958 | 96 | 981 | 98 | 70-135 | 2 | 20 | mg/kg | 03.28.19 08:06 |
| | | | | | | | | | | | |

Surrogate Date Flag %Rec Flag Flag %Rec %Rec 1-Chlorooctane 94 127 126 70-135 % 03.28.19 08:06 o-Terphenyl 97 106 120 70-135 % 03.28.19 08:06

LCS

LCSD

LCSD

Limits

Units

Analytical Method:TPH By SW8015 ModPrep Method:TX1005PSeq Number:3084046Matrix:SolidDate Prep:03.29.19

MB Sample Id: 7674697-1-BLK LCS Sample Id: 7674697-1-BKS LCSD Sample Id: 7674697-1-BSD

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Lim | it Units | Analysis Date | Flag |
|-----------------------------------|--------------|-----------------|---------------|-------------|----------------|--------------|--------|------|---------|----------|------------------|------|
| Gasoline Range Hydrocarbons (GRO) | < 8.00 | 1000 | 905 | 91 | 940 | 94 | 70-135 | 4 | 20 | mg/kg | 03.29.19 12:27 | |
| Diesel Range Organics (DRO) | <8.13 | 1000 | 1000 | 100 | 1030 | 103 | 70-135 | 3 | 20 | mg/kg | 03.29.19 12:27 | |

| Surrogate | | MB LCS Flag %Rec | LCS Flag | LCSD %Rec | LCSD Flag | Limits | Units | Analysis Date |
|----------------|----|------------------|-------------|--------------|--------------|--------|-------|------------------|
| 1-Chlorooctane | 93 | 122 | | 124 | | 70-135 | % | 03.29.19 12:27 |
| o-Terphenyl | 97 | 120 | | 117 | | 70-135 | % | 03.29.19 12:27 |

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference
$$\begin{split} [D] &= 100*(C\text{-A}) \, / \, B \\ RPD &= 200* \mid (C\text{-E}) \, / \, (C\text{+E}) \mid \\ [D] &= 100*(C) \, / \, [B] \end{split}$$

MB

MB

Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample

A = Parent Result C = MS/LCS Result

E = MSD/LCSD Result

TX1005P

TX1005P

Flag

Prep Method:



QC Summary 618716

Trinity Oilfield Services & Rentals, LLC

Red Tank 30-31 ST. Com 24Y

Analytical Method: TPH By SW8015 Mod Prep Method: Seq Number: 3084047 Matrix: Solid

Date Prep: 03.29.19 LCS Sample Id: 7674698-1-BKS LCSD Sample Id: 7674698-1-BSD MB Sample Id: 7674698-1-BLK

MR Spike LCS LCS Limits %RPD RPD Limit Units LCSD LCSD Analysis Flag **Parameter** Result Amount Result %Rec Date %Rec Result Gasoline Range Hydrocarbons (GRO) 03.29.19 21:42 < 8.00 1000 958 96 924 92 70-135 4 20 mg/kg 1050 105 1020 20 03.29.19 21:42 Diesel Range Organics (DRO) 1000 102 70-135 3 < 8.13 mg/kg

MB MB LCS LCS LCSD LCSD Limits Units Analysis **Surrogate** %Rec %Rec Flag Flag %Rec Flag Date 1-Chlorooctane 94 122 122 70-135 % 03.29.19 21:42 o-Terphenyl 97 117 104 70-135 % 03.29.19 21:42

Analytical Method: TPH By SW8015 Mod

Seq Number: 3083540 Matrix: Soil Date Prep: 03.26.19 MS Sample Id: 618909-001 S MSD Sample Id: 618909-001 SD 618909-001 Parent Sample Id:

MS %RPD RPD Limit Units MS Parent Spike Limits Analysis **MSD MSD Parameter** Result Date Result Amount %Rec Result %Rec Gasoline Range Hydrocarbons (GRO) <7.98 997 824 83 845 70-135 03.27.19 02:52 85 3 20 mg/kg 03.27.19 02:52 Diesel Range Organics (DRO) < 8.10 997 931 93 957 70-135 20 96 3 mg/kg

MS MS **MSD** MSD Limits Units Analysis Surrogate %Rec Flag Flag Date %Rec 1-Chlorooctane 102 101 70-135 % 03.27.19 02:52 o-Terphenyl 87 89 70-135 % 03.27.19 02:52

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P Seq Number: 3083750 Matrix: Soil Date Prep: 03.28.19 MS Sample Id: 619079-002 S MSD Sample Id: 619079-002 SD Parent Sample Id: 619079-002

%RPD RPD Limit Units MS MS Spike Limits Parent **MSD** MSD Analysis Flag **Parameter** Result **Amount** Result %Rec Date Result %Rec 03.28.19 09:22 Gasoline Range Hydrocarbons (GRO) < 7.99 999 1010 101 1020 102 70-135 1 20 mg/kg 70-135 20 03.28.19 09:22 Diesel Range Organics (DRO) < 8.12 999 1030 103 1040 104 1 mg/kg

MS MS **MSD MSD** Limits Units Analysis Surrogate Flag %Rec Flag Date %Rec 125 123 70-135 03.28.19 09:22 1-Chlorooctane % 119 70-135 03.28.19 09:22 o-Terphenyl 113 %

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

[D] = 100*(C-A) / BRPD = 200* | (C-E) / (C+E) |[D] = 100 * (C) / [B]

Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample A = Parent Result

= MS/LCS Result = MSD/LCSD Result



QC Summary 618716

Trinity Oilfield Services & Rentals, LLC

Red Tank 30-31 ST. Com 24Y

Analytical Method: TPH By SW8015 Mod

Matrix: Soil

TX1005P Prep Method: Date Prep: 03.29.19

Seq Number: 3084046

MS Sample Id: 618714-001 S Parent Sample Id: 618714-001

MSD Sample Id: 618714-001 SD % RPD RPD I imit Units

| Parameter | Result | Spike Amount | Result | MS %Rec | MSD Result | MSD %Rec | Limits | %KPD | KPD LIM | it Units | Analysis Date | Flag |
|-----------------------------------|--------|-----------------|--------|------------|---------------|-------------|--------|------|---------|----------|------------------|------|
| Gasoline Range Hydrocarbons (GRO) | 8.16 | 997 | 912 | 91 | 915 | 91 | 70-135 | 0 | 20 | mg/kg | 03.29.19 13:24 | |
| Diesel Range Organics (DRO) | <8.10 | 997 | 932 | 93 | 939 | 94 | 70-135 | 1 | 20 | mg/kg | 03.29.19 13:24 | |

| Surrogate | MS %Rec | MS Flag | MSD %Rec | MSD Flag | Limits | Units | Analysis Date |
|----------------|------------|------------|-------------|-------------|--------|-------|------------------|
| 1-Chlorooctane | 119 | | 119 | | 70-135 | % | 03.29.19 13:24 |
| o-Terphenyl | 111 | | 109 | | 70-135 | % | 03.29.19 13:24 |

Analytical Method: TPH By SW8015 Mod

3084047

Prep Method:

TX1005P

Seq Number: Parent Sample Id:

618899-001

MS Sample Id: 618899-001 S

Date Prep: 03.29.19

MSD Sample Id: 618899-001 SD

Flag

Flag

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Lim | it Units | Analysis Date |
|-----------------------------------|------------------|-----------------|--------------|------------|---------------|-------------|--------|------|---------|----------|------------------|
| Gasoline Range Hydrocarbons (GRO) | 8.95 | 998 | 972 | 96 | 969 | 96 | 70-135 | 0 | 20 | mg/kg | 03.29.19 22:39 |
| Diesel Range Organics (DRO) | < 8.11 | 998 | 988 | 99 | 982 | 98 | 70-135 | 1 | 20 | mg/kg | 03.29.19 22:39 |

Matrix: Soil

| Surrogate | MS %Rec | MS Flag | MSD %Rec | MSD Flag | Limits | Units | Analysis Date |
|----------------|------------|------------|-------------|-------------|--------|-------|------------------|
| 1-Chlorooctane | 125 | | 122 | | 70-135 | % | 03.29.19 22:39 |
| o-Terphenyl | 100 | | 99 | | 70-135 | % | 03.29.19 22:39 |

Analytical Method: BTEX by EPA 8021B

3084057

Matrix: Solid

Prep Method: Date Prep: SW5030B

Seq Number:

03.29.19

LCS Sample Id: 7674756-1-BKS LCSD Sample Id: 7674756-1-BSD MB Sample Id: 7674756-1-BLK

%RPD RPD Limit Units LCS LCS MB Spike Limits Analysis LCSD LCSD **Parameter** Result Amount Result %Rec Date %Rec Result 03.29.19 19:23 Benzene < 0.000383 0.0994 0.102 103 0.101 101 70-130 1 35 mg/kg < 0.000453 0.105 70-130 35 03.29.19 19:23 Toluene 0.0994 106 0.104 104 1 mg/kg < 0.000561 0.0998 100 0.0991 35 03.29.19 19:23 Ethylbenzene 0.0994 99 70-130 1 mg/kg m,p-Xylenes 0.202 102 0.202 70-130 0 35 03.29.19 19:23 < 0.00101 0.199 101 mg/kg o-Xylene < 0.000342 0.0994 0.102 103 0.103 103 70-130 35 mg/kg 03.29.19 19:23

| Surrogate | MB %Rec | MB Flag | LCS %Rec | LCS Flag | LCSD %Rec | LCSD Flag | Limits | Units | Analysis Date |
|----------------------|------------|------------|-------------|-------------|--------------|--------------|--------|-------|------------------|
| 1,4-Difluorobenzene | 91 | | 98 | | 101 | | 70-130 | % | 03.29.19 19:23 |
| 4-Bromofluorobenzene | 86 | | 94 | | 107 | | 70-130 | % | 03.29.19 19:23 |

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

[D] = 100*(C-A) / BRPD = 200* | (C-E) / (C+E) |[D] = 100 * (C) / [B]

Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample A = Parent Result

= MS/LCS Result

E = MSD/LCSD Result



QC Summary 618716

Trinity Oilfield Services & Rentals, LLC

Red Tank 30-31 ST. Com 24Y

101

106

Analytical Method: BTEX by EPA 8021B

3084057 Matrix: Soil

SW5030B Prep Method: Date Prep:

%

%

03.29.19

618714-015 Parent Sample Id:

Seq Number:

1,4-Difluorobenzene

4-Bromofluorobenzene

MS Sample Id: 618714-015 S

MSD Sample Id: 618714-015 SD

70-130

70-130

03.29.19 20:01

03.29.19 20:01

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPI | RPD Limit | Units | Analysis Date | Flag |
|--------------|------------------|-----------------|--------------|------------|---------------|-------------|--------|------|-----------|-------|------------------|------|
| Benzene | < 0.000383 | 0.0996 | 0.0799 | 80 | 0.0886 | 89 | 70-130 | 10 | 35 | mg/kg | 03.29.19 20:01 | |
| Toluene | < 0.000454 | 0.0996 | 0.0809 | 81 | 0.0906 | 91 | 70-130 | 11 | 35 | mg/kg | 03.29.19 20:01 | |
| Ethylbenzene | < 0.000563 | 0.0996 | 0.0726 | 73 | 0.0836 | 84 | 70-130 | 14 | 35 | mg/kg | 03.29.19 20:01 | |
| m,p-Xylenes | < 0.00101 | 0.199 | 0.146 | 73 | 0.169 | 85 | 70-130 | 15 | 35 | mg/kg | 03.29.19 20:01 | |
| o-Xylene | < 0.000343 | 0.0996 | 0.0745 | 75 | 0.0863 | 87 | 70-130 | 15 | 35 | mg/kg | 03.29.19 20:01 | |
| Surrogate | | | | IS Rec | MS Flag | MSD %Re | | | Limits | Units | Analysis Date | |

101

107

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

[D] = 100*(C-A) / BRPD = 200* | (C-E) / (C+E) |[D] = 100 * (C) / [B]

Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

 $LCS = Laboratory\ Control\ Sample$ A = Parent Result

C = MS/LCS Result E = MSD/LCSD Result

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P.O. Box 2587

Ben J. Arguijo

Hobbs

Address:

PM/Attn:

Project ID:

Sampler Name:

John Klepper

Sample

3

4

6

8

9

0

CTLs.

Other:

3

City:

Trinity Oilfield Services & Rentals, LLC

Red Tank 30-31 St. Com 24Y

Sample ID

SP-1 E. Wall @ 1.5'

SP-1 W. Wall @ 1.5'

SP-2 N. Wall @ 1.5'

SP-3 S. Wall @ 1.5'

SP-4 NE Wall @ 1.5'

SP-5 SE Wall @ 1.5'

SP-6 S. Wall @ 1.5'

SP-7 NW Wall @ 1.5'

Reg. Program / Clean-up Std

TRRP. DW NPDES LPST DryCln.

Relinguished by

SP-7 @ 1.5'

SP-7 @ 4'

Charge Codes: OP57182239 1214877 01040502

Invoice To: Oxy - Wade Dittrich (575)390-2828

CHAIN OF CUSTODY RECORD

(575)390-7208

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VC

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Example Votatiles by 8.

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Lab Only:

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

88241

Monthly

N/A

Phone:

Fax:

Zip:

Email: wade.dittrich@oxy.com &

ben@trinitvoilfieldservices.com

Quote #:

Annual

Code

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State: NM

Circle One Event: Daily Weekly

Collect

Time

0925

0927

0931

0930

0936

0947

0928

0952

1000

0955

Affiliation

rinita

STATE for Certs & Reas

FL TX GA NC SC NJ PA OK

Quartely Semi-Annual

Collect

Date

3/22/19

3/22/19

3/22/19

3/22/19

3/22/19

3/22/19

3/22/19

3/22/19

3/22/19

3/22/19

LA AL NM Other

Page 1 of 2

LAB W.O#:

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

ANALYSES REQUESTED

TAT Work Days = D Need results by:_

GC

BTEX

Х

Χ

X

Χ

Χ

Χ

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XLS Other:

GC

Х

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Bobs

ADaPT SEDD ERPIMS

Received by

COC & Labels

Affiliation

Incomplete

Unclear

Match

Absent

Field billable Hrs:

Time:

Container Type Codes TS Vial Pre-preserved AC Glass Amber TB ZΒ PA Plastic Amber

Encore Sampler TerraCore Sample Air Canister Tedlar Bag Zip Lock Bag Plastic Clear

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

VA Vial Amber

GC Glass Clear

PC Plastic Clear

PL

PS

Sludge SL

Vial Clear

** Preservative Type Codes A. None E HCL B. HNO₃ F. MeOH J. MCAA

C. H₂SO₄ G. Na₂S₂O₃ K. ZnAc&NaOH D. NaOH H. NaHSO₄ L Asbc Acid&NaOH

^ Matrix Type Codes GW Ground Water S Soil/Sediment/Solid

WW Waste Water W Wipe DW Drinking Water SW Surface Water Oil 0 OW Ocean/Sea Water T Tissue Product-Liquid U Urine Product-Solid В Blood

REMARKS

of 37

Final 1.000

Page (

QA/QC Level & Certification

1 2 3 4 CLP AFCEE QAPP

NELAC DoD-ELAP Other:

122/19

Coolers Temp 'C

Time

Lab Use Only Non-Conformances found?

Samples intact upon amval? Received on Wet Ice? abeled with proper preservatives? Received within holding time?

Custody seals intact?

VOCs rec'd w/o headspace? Proper containers used?

pH verified-acceptable, excl VOCs? Received on time to meet HTs?

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

Time

CHAIN OF CUSTODY RECORD

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

2 of 2

LAB W.O#:

 Container Type Codes Encore Sampler TS TerraCore Sampler Air Canister TB ZB Tedlar Bag

Final 1.000

Page 36 of 37

VA Vial Amber VC Vial Clear VP Vial Pre-preserved AC GA Glass Amber GC Glass Clear

| | | | ··· | | | | | | | | | Field bi | llable Hr | s : | | | | PA Plastic Amber | PC Plas | stic Clear |
|---------------------|---|----------------------|-----------------------------|------------------|-------------------|-------------------------------------|-------------------------------------|----------|------------------|---------------------------------------|-----------|-----------------|-----------------------|---|-----------|---------------------------|------------------------------|--|-----------------------------------|---|
| ompar | Trinky Officia Gervices & Rental | ls, LLC | | Phone: | (575)3 | 90-720 | TAT V | Vork Day | /s = D | Need re | esults by | /: | | | Time | e: | | PC Plastic Clear Other | | |
| ddress | P.O. Box 2587 | | | Fax: | | | | Std (5- | 7D) 5Hr | s 1D 2 | 2D 3D 4 | 4D 5D | 7D 10D | 14D | Other_ | | | Size(s): 2oz, 4oz, 8oz, 7 40ml, 125 ml, 250 ml, 5 | 16oz, 32oz , 10 500 ml, 1L, Ot | Gal her |
| ity: | Hobbs | | State: NM | Zip: | 88241 | | | | | ANA | NLYSE | SRE | OUESI | ED | | | | ** Preservat | | |
| M/Attn | Ben J. Arguijo | | Email: wade ben@trinity | | | | Cont Type VC | GC | GC | GC | | | | | | | | A. None E. HCL | 1. Ice | |
| roject l | D: Red Tank 30-31 St. Com 24Y | | Dentouring | PO#: | VICES.C | JOIN | Pres Type | | 1 | 1 | | | | | | 1 | | B. HNO ₃ F. MeOH C. H ₂ SO ₄ G. Na ₂ S ₂ D. NaOH H. NaHSO | O ₃ K. ZnAc | |
| nvoice ⁻ | To: Oxy - Wade Dittrich (575)390-28 Charge Codes: OP57182239 1 | 328 1214877 01040 | 0502 | Quote #: | | | 8 | • | <u> </u> | , , , , , , , , , , , , , , , , , , , | | | | | | | PAH my ir | o^ Matrix | Type C | od sa |
| ampler ohn Kle | Name: | Circle One | Event: Daily Semi-Annual | | Month N/A | ily | ample s by 82 | 8015M | втех | Chloride | | | | | | | d Sample Run TPH | GW Ground Water WW Waste Water DW Drinking Water | S Soil/S W Wipe r A Air | ediment/Solid |
| Sample # | Sample ID | Gollect Date | Collect Time | Matrix Code * | Field Filtered | Integrity OK (Y/N) Total & of | Example Voiatiles by 8260 | ТРН | m | ָל | | | | | | | Hol (CALL) on Highest | SW Surface Water OW Ocean/Sea Water PL Product-Liquid PS Product-Solid SL Sludge | ater T Tissue | |
| Ø. | | | | | | | #Con | Lab Onl | y: | | | | | | | | | RE | MARKS | |
| _1 | SP-7 NW Wall @ 4' | 3/22/19 | 1004 | s | | | 1 | Х | Х | Х | | | | | | | | | | |
| _2 | | | | | | | | | | | | | | | | | | | | *************************************** |
| _3 | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | |
| _6 | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | :. | | | | |
| _8 | | | | | | | | | | | | | | | | | | | | |
| _9 | | | | | | | | | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | | | | | | | | | |
| R | eg, Program / Clean-up Std | STATE | for Certs 8 | Regs | QA | /QC Le | evel & Certi | fication | | EDDs | | COC 8 | Labels | (| oolers | Temp! | Ç. | Lab Use Only | Y | ES NO N |
| TLs T | RRP DW NPDES LPST DryCln | FL TX GA LA AL NM | NC SC NJ I Other: | | | | CLP AFCEE LAP Other: | QAPP | ADaPT XLS Oth | SEDD I er: | ERPIMS | Match Absent | Incomplete Unclear | | <u>}2</u> | _3 | | Non-Conformances foun Samples intact upon arri | nd? | |
| 1 | Relinquished by Sha Managara | | Affilia | | - | Date | Common Service Property (1995-1976) | me | | eceived | | | ation | ALL CONTRACTOR OF THE PARTY OF | ate | 6400400000000000000000000 | me | Received on Wet Ice? Labeled with proper pres | servatives? | |
| 2 | Skittany cox | *** | Trinit | Y | 31 | 99 | | 00 00 | 30 | 171(3) | nyc | V IV | 15 | 3/6 | 12/19 | 2 | <u>00</u> | Received within holding Custody seals intact? | | |
| 3 | initiary we | | <u> </u> | 12 | | 001 | 19 3 | <u> </u> | TVA. | М | | Xer | N.O. | J/d | 5/19 | 0 | رر | VOCs rec'd w/o headspa Proper containers used? | ? | |

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

C.O.C. Serial #

Received on time to meet HTs?



XENCO Laboratories Prelogin/Nonconformance Report- Sample Log-In



Client: Trinity Oilfield Services & Rentals, LLC

Date/ Time Received: 03/25/2019 07:35:00 AM

Acceptable Temperature Range: 0 - 6 degC Air and Metal samples Acceptable Range: Ambient

Date: 03/26/2019

Work Order #: 618716

Temperature Measuring device used: R8

| Work Older #. Oldrid | | |
|--|---------------------------------------|--------------------|
| | Sample Receipt Checklist | Comments |
| #1 *Temperature of cooler(s)? | | 2.7 |
| #2 *Shipping container in good condition | ? | Yes |
| #3 *Samples received on ice? | | Yes |
| #4 *Custody Seals intact on shipping cor | ntainer/ cooler? | N/A |
| #5 Custody Seals intact on sample bottle | es? | N/A |
| #6*Custody Seals Signed and dated? | | N/A |
| #7 *Chain of Custody present? | | Yes |
| #8 Any missing/extra samples? | | No |
| #9 Chain of Custody signed when relinqu | uished/ received? | Yes |
| #10 Chain of Custody agrees with sampl | e labels/matrix? | Yes |
| #11 Container label(s) legible and intact? | | Yes |
| #12 Samples in proper container/ bottle? | | Yes |
| #13 Samples properly preserved? | | Yes |
| #14 Sample container(s) intact? | | Yes |
| #15 Sufficient sample amount for indicate | ed test(s)? | Yes |
| #16 All samples received within hold time | e? | Yes |
| #17 Subcontract of sample(s)? | | N/A |
| #18 Water VOC samples have zero head | dspace? | N/A |
| | | |
| * Must be completed for after-hours de | livery of samples prior to placing in | n the refrigerator |
| Analyst: | PH Device/Lot#: | |
| Checklist completed by: | Bawa Tal Brianna Teel | Date: 03/25/2019 |

Checklist reviewed by:



Certificate of Analysis Summary 621047

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Project Name: Red Tank 30-31 St. Com 24Y



Project Id:

Contact: Ben Arguijo

Project Location:

Date Received in Lab: Mon Apr-15-19 07:45 am

Report Date: 22-APR-19 **Project Manager:** Holly Taylor

| | Lab Id: | 621047-001 | | 621047-00 | 02 | | | |
|------------------------------------|------------------|-----------------|------------------|-----------------|---------|--|--|--|
| Analysis Requested | Field Id: | SP-2 @ 5' | | SP-2 @ 6. | .5' | | | |
| Anaiysis Kequesieu | Depth: | | | | | | | |
| | Matrix: | SOIL | | SOIL | | | | |
| | Sampled: | Apr-10-19 14:30 |) | Apr-11-19 1 | 4:55 | | | |
| BTEX by EPA 8021B | Extracted: | Apr-17-19 13:00 |) | Apr-18-19 1 | 6:30 | | | |
| | Analyzed: | Apr-18-19 03:54 | ļ. | Apr-18-19 2 | 3:54 | | | |
| | Units/RL: | mg/kg I | RL | mg/kg | RL | | | |
| Benzene | | < 0.00200 0.00 | <0.00200 0.00200 | | 0.00202 | | | |
| Toluene | <0.00200 0.00200 | | < 0.00202 | 0.00202 | | | | |
| Ethylbenzene | | <0.00200 0.00 | 200 | | 0.00202 | | | |
| m,p-Xylenes | | <0.00401 0.00 | 401 | < 0.00403 | 0.00403 | | | |
| o-Xylene | | <0.00200 0.00 | | | 0.00202 | | | |
| Total Xylenes | | <0.00200 0.00 | | | 0.00202 | | | |
| Total BTEX | | <0.00200 0.00 | 200 | < 0.00202 | 0.00202 | | | |
| Chloride by EPA 300 | Extracted: | Apr-19-19 08:30 |) | Apr-19-19 08:30 | | | | |
| | Analyzed: | Apr-19-19 13:18 | 3 | Apr-19-19 1 | 3:25 | | | |
| | Units/RL: | mg/kg I | RL | mg/kg | RL | | | |
| Chloride | | 208 4 | .98 | 37.6 | 5.00 | | | |
| TPH By SW8015 Mod | Extracted: | Apr-16-19 10:00 |) | Apr-16-19 1 | 0:00 | | | |
| | Analyzed: | Apr-16-19 14:46 | 5 | Apr-16-19 1 | 5:05 | | | |
| | Units/RL: | mg/kg I | RL | mg/kg | RL | | | |
| Gasoline Range Hydrocarbons (GRO) | | <15.0 1 | 5.0 | <15.0 | 15.0 | | | |
| Diesel Range Organics (DRO) | | <15.0 1 | 5.0 | <15.0 | 15.0 | | | |
| Motor Oil Range Hydrocarbons (MRO) | | | 5.0 | <15.0 | 15.0 | | | |
| Total TPH | | <15.0 1 | 5.0 | <15.0 | 15.0 | | | |

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

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

Holly Taylor Project Manager

Analytical Report 621047

foi

Trinity Oilfield Services & Rentals, LLC

Project Manager: Ben Arguijo Red Tank 30-31 St. Com 24Y

22-APR-19

Collected By: Client





1211 W. Florida Ave Midland TX 79701

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

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

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

Xenco-Tampa: Florida (E87429), North Carolina (483) Xenco-Lakeland: Florida (E84098)





22-APR-19

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

Reference: XENCO Report No(s): 621047

Red Tank 30-31 St. Com 24Y

Project Address:

Ben Arguijo:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 621047. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

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

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 621047 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

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

Respectfully,

Holy Taylor

Holly Taylor

Project Manager

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

Certified and approved by numerous States and Agencies.

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

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



Sample Cross Reference 621047



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

| Sample Id | Matrix | Date Collected | Sample Depth | Lab Sample Id |
|-------------|--------|-----------------------|--------------|---------------|
| SP-2 @ 5' | S | 04-10-19 14:30 | | 621047-001 |
| SP-2 @ 6.5' | S | 04-11-19 14:55 | | 621047-002 |

CASE NARRATIVE

Client Name: Trinity Oilfield Services & Rentals, LLC

Project Name: Red Tank 30-31 St. Com 24Y

Project ID: Report Date: 22-APR-19
Work Order Number(s): 621047
Date Received: 04/15/2019

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3086143 BTEX by EPA 8021B

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

Batch: LBA-3086244 BTEX by EPA 8021B

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





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Sample Id: SP-2 @ 5' Matrix:

Soil

Date Received:04.15.19 07.45

Lab Sample Id: 621047-001

Date Collected: 04.10.19 14.30

Prep Method: E300P

% Moisture:

Tech: Analyst: CHE

CHE

Analytical Method: Chloride by EPA 300

Date Prep:

04.19.19 08.30

Basis:

Wet Weight

Seq Number: 3086464

Parameter Cas Number Result RLUnits **Analysis Date** Flag Dil Chloride 16887-00-6 04.19.19 13.18 208 4.98 mg/kg 1

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

% Moisture:

ARM Tech: Analyst:

ARM

04.16.19 10.00 Date Prep:

Basis: Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | | mg/kg | 04.16.19 14.46 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | | mg/kg | 04.16.19 14.46 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | | mg/kg | 04.16.19 14.46 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | | mg/kg | 04.16.19 14.46 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 106 | % | 70-135 | 04.16.19 14.46 | | |
| o-Terphenyl | | 84-15-1 | 106 | % | 70-135 | 04.16.19 14.46 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Soil

04.17.19 13.00

Sample Id: SP-2 @ 5' Matrix:

Date Prep:

Date Received:04.15.19 07.45

Lab Sample Id: 621047-001

Date Collected: 04.10.19 14.30

Prep Method: SW5030B

Analytical Method: BTEX by EPA 8021B

SCM

% Moisture:

Tech: SCM

Basis:

Wet Weight

Seq Number: 3086143

Analyst:

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00200 | 0.00200 | | mg/kg | 04.18.19 03.54 | U | 1 |
| Toluene | 108-88-3 | < 0.00200 | 0.00200 | | mg/kg | 04.18.19 03.54 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00200 | 0.00200 | | mg/kg | 04.18.19 03.54 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00401 | 0.00401 | | mg/kg | 04.18.19 03.54 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00200 | 0.00200 | | mg/kg | 04.18.19 03.54 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00200 | 0.00200 | | mg/kg | 04.18.19 03.54 | U | 1 |
| Total BTEX | | < 0.00200 | 0.00200 | | mg/kg | 04.18.19 03.54 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | | 540-36-3 | 101 | % | 70-130 | 04.18.19 03.54 | | |
| 4-Bromofluorobenzene | | 460-00-4 | 99 | % | 70-130 | 04.18.19 03.54 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Soil

04.19.19 08.30

Sample Id: SP-2 @ 6.5' Matrix:

Date Received:04.15.19 07.45

Lab Sample Id: 621047-002

Date Collected: 04.11.19 14.55

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

CHE Analyst:

Date Prep:

Basis:

Wet Weight

Seq Number: 3086464

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 37.6 | 5.00 | mg/kg | 04.19.19 13.25 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

% Moisture:

Tech: Analyst: ARMARM

04.16.19 10.00 Date Prep:

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | | mg/kg | 04.16.19 15.05 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | | mg/kg | 04.16.19 15.05 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | | mg/kg | 04.16.19 15.05 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | | mg/kg | 04.16.19 15.05 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 105 | % | 70-135 | 04.16.19 15.05 | | |
| o-Terphenyl | | 84-15-1 | 106 | % | 70-135 | 04.16.19 15.05 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Sample Id: SP-2 @ 6.5' Matrix:

Soil

Date Received:04.15.19 07.45

Lab Sample Id: 621047-002

Date Collected: 04.11.19 14.55

Prep Method: SW5030B

SCM

% Moisture:

Tech:

Analyst:

SCM

Analytical Method: BTEX by EPA 8021B

04.18.19 16.30 Date Prep:

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00202 | 0.00202 | | mg/kg | 04.18.19 23.54 | U | 1 |
| Toluene | 108-88-3 | < 0.00202 | 0.00202 | | mg/kg | 04.18.19 23.54 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00202 | 0.00202 | | mg/kg | 04.18.19 23.54 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00403 | 0.00403 | | mg/kg | 04.18.19 23.54 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00202 | 0.00202 | | mg/kg | 04.18.19 23.54 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00202 | 0.00202 | | mg/kg | 04.18.19 23.54 | U | 1 |
| Total BTEX | | < 0.00202 | 0.00202 | | mg/kg | 04.18.19 23.54 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | | 460-00-4 | 117 | % | 70-130 | 04.18.19 23.54 | | |
| 1,4-Difluorobenzene | | 540-36-3 | 103 | % | 70-130 | 04.18.19 23.54 | | |



Flagging Criteria



- Page 137 of 278
- X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- **B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- **D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F RPD exceeded lab control limits.
- J The target analyte was positively identified below the quantitation limit and above the detection limit.
- U Analyte was not detected.
- L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- **H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K Sample analyzed outside of recommended hold time.
- **JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

BRL Below Reporting Limit.

RL Reporting Limit

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

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

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample BLK Method Blank

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

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

- + NELAC certification not offered for this compound.
- * (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

^{**} Surrogate recovered outside laboratory control limit.



QC Summary 621047

Trinity Oilfield Services & Rentals, LLC

Red Tank 30-31 St. Com 24Y

Analytical Method: Chloride by EPA 300

3086464

Matrix: Solid

E300P Prep Method:

Seq Number:

< 5.00

29.6

7676098-1-BKS

241

Date Prep:

MB Sample Id: 7676098-1-BLK LCS Sample Id:

95

LCSD Sample Id: 7676098-1-BSD

Analysis Flag

Parameter Chloride

MR Spike Result Amount

LCS LCS Result %Rec

238

LCSD LCSD %Rec Result

96

Limits

90-110

%RPD RPD Limit Units 20

Date 04.19.19 10:11

Analytical Method: Chloride by EPA 300

Matrix: Soil

Prep Method:

E300P

mg/kg

04.19.19

Seq Number:

3086464

Date Prep:

04.19.19

Parent Sample Id:

620911-004

MS Sample Id: 620911-004 S

28

MSD Sample Id: 620911-004 SD

Parameter

MS

MS **MSD**

MSD Limits %RPD RPD Limit Units

Analysis

Parent Result

Spike Amount 252

250

Result %Rec 192

64

Result %Rec 255 89

90-110

20 mg/kg

Flag Date

XF

Flag

04.19.19 10:31

Chloride

Analytical Method: Chloride by EPA 300

Prep Method:

E300P

Seq Number:

3086464

Matrix: Soil

Date Prep:

04.19.19

Parent Sample Id:

620983-016

MS Sample Id:

620983-016 S

Limits

MSD Sample Id: 620983-016 SD

Parameter

Parent Spike Result

MS MS

MSD Result

MSD %Rec 93 %RPD RPD Limit Units

Analysis Date

Chloride

Amount 11.8 252 Result %Rec 180 67

245

90-110

31 20 mg/kg

04.19.19 12:33 XF

Analytical Method: TPH By SW8015 Mod

7675908-1-BLK

3085985

Prep Method:

TX1005P

Seq Number: MB Sample Id:

Matrix: Solid

Date Prep:

04.16.19

7675908-1-BSD

Parameter Gasoline Range Hydrocarbons (GRO)

Diesel Range Organics (DRO)

Result Amount < 8.00 1000 1000 < 8.13

MB

113

114

LCS Spike LCS Result %Rec

975

%Rec

126

119

7675908-1-BKS LCS Sample Id:

LCSD **LCSD** Result %Rec

Limits 70-135

4

20

LCSD Sample Id:

%RPD RPD Limit Units

Analysis Flag Date

Surrogate

1-Chlorooctane

o-Terphenyl

MB %Rec

1000 MB Flag

98 100 LCS LCS

Flag

1010 1020

101 102

LCSD

%Rec

129

125

70-135

LCSD

Flag

2 20

Limits

70-135

70-135

mg/kg mg/kg

Units

%

%

04.16.19 11:51 04.16.19 11:51

> Analysis Date

> > 04.16.19 11:51 04.16.19 11:51

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

[D] = 100*(C-A) / BRPD = 200* | (C-E) / (C+E) |[D] = 100 * (C) / [B]

Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample A = Parent Result

= MS/LCS Result = MSD/LCSD Result

Flag

Flag

Flag



Parent Sample Id:

QC Summary 621047

Trinity Oilfield Services & Rentals, LLC

Red Tank 30-31 St. Com 24Y

Analytical Method: TPH By SW8015 Mod

621042-001

Seq Number: 3085985 Matrix: Soil

MS Sample Id: 621042-001 S

TX1005P Prep Method:

Date Prep: 04.16.19

MSD Sample Id: 621042-001 SD

Spike MS MS Limits %RPD RPD Limit Units Parent **MSD MSD** Analysis **Parameter** Result Amount Result Date %Rec %Rec Result Gasoline Range Hydrocarbons (GRO) 04.16.19 12:49

12.3 997 1010 100 1020 101 70-135 20 mg/kg 997 70-135 20 04.16.19 12:49 Diesel Range Organics (DRO) < 8.10 1070 107 1080 108 mg/kg

MS MS **MSD MSD** Limits Units Analysis Surrogate Flag %Rec %Rec Flag Date 1-Chlorooctane 127 125 70-135 % 04.16.19 12:49 o-Terphenyl 114 121 70-135 % 04.16.19 12:49

Analytical Method: BTEX by EPA 8021B Prep Method: SW5030B

Seq Number: 3086143 Matrix: Solid Date Prep: 04.17.19 LCS Sample Id: 7676058-1-BKS LCSD Sample Id: 7676058-1-BSD 7676058-1-BLK MB Sample Id:

%RPD RPD Limit Units LCS LCS MB Spike Limits Analysis **LCSD** LCSD **Parameter** Result Amount Result %Rec Date Result %Rec < 0.000388 04.17.19 19:25 Benzene 0.101 0.0880 87 0.0926 93 70-130 5 35 mg/kg Toluene < 0.000459 0.101 0.0889 88 0.0930 93 70-130 35 mg/kg 04.17.19 19:25 5 < 0.000569 04.17.19 19:25 0.101 0.0822 81 70-130 35 Ethylbenzene 0.0855 86 4 mg/kg 04.17.19 19:25 m,p-Xylenes < 0.00102 0.202 0.162 80 0.169 85 70-130 4 35 mg/kg < 0.000347 0.0814 0.0853 70-130 35 04.17.19 19:25 o-Xylene 0.101 85 mg/kg

LCSD MB MB LCS LCS LCSD Units Analysis **Surrogate** %Rec %Rec Flag Flag %Rec Flag Date 1.4-Difluorobenzene 91 99 100 70-130 % 04.17.19 19:25 04.17.19 19:25 4-Bromofluorobenzene 86 89 90 70-130 %

Analytical Method: BTEX by EPA 8021B Prep Method: SW5030B Seq Number: 3086244 Matrix: Solid Date Prep: 04.18.19

7676130-1-BKS LCSD Sample Id: 7676130-1-BSD LCS Sample Id: MB Sample Id: 7676130-1-BLK

LCS %RPD RPD Limit Units MB Spike LCS LCSD LCSD Limits Analysis **Parameter** Result Amount Result %Rec Date Result %Rec 04.18.19 17:57 0.0805 80 0.0806 0 Benzene < 0.00202 0.101 81 70-130 35 mg/kg Toluene < 0.00202 0.101 0.0874 87 0.0872 87 70-130 0 35 04.18.19 17:57 mg/kg 04.18.19 17:57 Ethylbenzene < 0.00202 0.101 0.0941 93 0.0939 94 70-130 0 35 mg/kg 96 04.18.19 17:57 < 0.00102 0.202 0.194 96 0.192 70-130 35 m,p-Xylenes 1 mg/kg 04.18.19 17:57 0.101 0.0986 70-130 o-Xylene < 0.00202 98 0.0974 98 35 mg/kg

LCS LCSD MB MB LCS LCSD Limits Units Analysis **Surrogate** %Rec Flag %Rec Flag Flag Date %Rec 1,4-Difluorobenzene 104 94 93 70-130 % 04.18.19 17:57 4-Bromofluorobenzene 109 107 105 70-130 % 04.18.19 17:57

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

[D] = 100*(C-A) / BRPD = 200* | (C-E) / (C+E) |[D] = 100 * (C) / [B]

Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample

A = Parent Result

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

Limits



Seq Number:

QC Summary 621047

Trinity Oilfield Services & Rentals, LLC

Red Tank 30-31 St. Com 24Y

Analytical Method: BTEX by EPA 8021B

3086143 Matrix: Soil Prep Method: SW5030B

Date Prep: 04.17.19

MS Sample Id: 621042-001 S 621042-001 Parent Sample Id:

MSD Sample Id: 621042-001 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD RPD Limit Units | | Analysis Date | Flag | |
|--------------|------------------|-----------------|--------------|------------|---------------|-------------|--------|----------------------|----|------------------|----------------|---|
| Benzene | < 0.000385 | 0.100 | 0.0829 | 83 | 0.0729 | 73 | 70-130 | 13 | 35 | mg/kg | 04.17.19 20:03 | |
| Toluene | < 0.000456 | 0.100 | 0.0826 | 83 | 0.0722 | 73 | 70-130 | 13 | 35 | mg/kg | 04.17.19 20:03 | |
| Ethylbenzene | < 0.000565 | 0.100 | 0.0754 | 75 | 0.0653 | 66 | 70-130 | 14 | 35 | mg/kg | 04.17.19 20:03 | X |
| m,p-Xylenes | < 0.00101 | 0.200 | 0.149 | 75 | 0.128 | 64 | 70-130 | 15 | 35 | mg/kg | 04.17.19 20:03 | X |
| o-Xylene | < 0.000344 | 0.100 | 0.0756 | 76 | 0.0659 | 66 | 70-130 | 14 | 35 | mg/kg | 04.17.19 20:03 | X |

| Surrogate | MS %Rec | MS Flag | MSD %Rec | MSD Flag | Limits | Units | Analysis Date | |
|----------------------|------------|------------|-------------|-------------|--------|-------|------------------|--|
| 1,4-Difluorobenzene | 101 | | 99 | | 70-130 | % | 04.17.19 20:03 | |
| 4-Bromofluorobenzene | 99 | | 95 | | 70-130 | % | 04.17.19 20:03 | |

Analytical Method: BTEX by EPA 8021B

3086244

Matrix: Soil

Prep Method: SW5030B

04.18.19

Flag

Seq Number: Date Prep: MS Sample Id: 621548-002 S MSD Sample Id: 621548-002 SD Parent Sample Id: 621548-002

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Lim | nit Units | Analysis Date | I |
|--------------|------------------|-----------------|--------------|------------|---------------|-------------|--------|------|---------|-----------|------------------|---|
| Benzene | < 0.000383 | 0.0996 | 0.0775 | 78 | 0.0735 | 74 | 70-130 | 5 | 35 | mg/kg | 04.18.19 18:35 | |
| Toluene | < 0.000454 | 0.0996 | 0.0789 | 79 | 0.0766 | 77 | 70-130 | 3 | 35 | mg/kg | 04.18.19 18:35 | |
| Ethylbenzene | < 0.000563 | 0.0996 | 0.0798 | 80 | 0.0771 | 77 | 70-130 | 3 | 35 | mg/kg | 04.18.19 18:35 | |
| m,p-Xylenes | < 0.00101 | 0.199 | 0.163 | 82 | 0.158 | 79 | 70-130 | 3 | 35 | mg/kg | 04.18.19 18:35 | |
| o-Xylene | < 0.000343 | 0.0996 | 0.0831 | 83 | 0.0811 | 81 | 70-130 | 2 | 35 | mg/kg | 04.18.19 18:35 | |

| Surrogate | MS %Rec | MS Flag | MSD %Rec | MSD Flag | Limits | Units | Analysis Date |
|----------------------|------------|------------|-------------|-------------|--------|-------|------------------|
| 1,4-Difluorobenzene | 98 | | 97 | | 70-130 | % | 04.18.19 18:35 |
| 4-Bromofluorobenzene | 111 | | 116 | | 70-130 | % | 04.18.19 18:35 |

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

[D] = 100*(C-A) / BRPD = 200* | (C-E) / (C+E) |[D] = 100 * (C) / [B]

Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample A = Parent Result

C = MS/LCS Result E = MSD/LCSD Result

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CHAIN OF CUSTODY RECORD

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

Page 1 of 1

LAB W.O#:

Tellour

* Container Type Codes

VA Vial Amber ES Encore Sampler
VC Vial Clear TS TerraCore Sampler
VP Vial Pre-preserved AC Air Canister
GA Glass Amber TB
CC Clear Clear

Final 1.000

Page 14 of 15

| Compan | V: Trinit Official Continue C.D. | | | Phone: | | | | | | | | | Field b | illable H | lrs : | | | GC Glass Clear ZB Zip Lock I PA Plastic Amber PC Plastic C | Bag Jear |
|--------------------|-------------------------------------|---------------------------|-----------------------|------------------|----------|------------------|--|------------------------------|-----------------------------------|----------------|--|---|--------------------|--|---------------------|----------------------------|---------------------------------------|---|-------------|
| | , | , LLC | | | (575) | 390-720 | 08 | TAT W | ork Day | ys = D | Need r | esults b | у: | | | Tim | e: | PC Plastic Clear Other | |
| ddress | P.O. Box 2587 | | | Fax: | | | | 1. | Std (5- | 7D) 5H | rs 1D : | 2D 3D | 4D 5D | 7D 10I | D 14D | | | Size(s): 2oz, 4oz, 8oz, 16oz, 32oz , 1Gal 40ml, 125 ml, 250 ml, 500 ml, 1L, Other | |
| City: | Hobbs | : . | State: NM | Zip: | 8824 | 1 | | | | | | THE REPORT OF THE PARTY OF THE | ES RE | VZ219253535000000000000000000000000000000000 | SIGNAMESONNASSESSES | | | ** Preservative Type Co | odes |
| M/Attn: | Ben J. Arguijo | | Email: wad ben@trinit | e.dittrich(| @oxy.c | om & | Ge | nt Type* VC | GC | GC | GC | | | | | | | A. None E. HCL I. Ice | |
| roject II | D: Red Tank 30-31 St. Com 24Y | | 1 2011@111111 | PO#: | VICES. | COM | | | GC | GC | GC | | | | | 100 | | B. HNO F. MeOH I MCAA | aOH |
| voice T | o: Oxy - Wade Dittrich (575)390-282 | .0 | | 0 | | | *** | es Type" | 1 | <u>, [1] .</u> | | | | | | | | C. H ₂ SO ₄ G. Na ₂ S ₂ O ₃ K. ZnAc&Na D. NaOH H. NaHSO ₄ L Asbc Acid O. | d&NaOH |
| | Charge Codes: OP57182239 12 | .6 14877 0 <u>1040</u> | 0502 | Quote # | | | | 560 | | | | | | | | | ž | | |
| ampler elix Pal | | | Event: Daily | | | hiy | | Example Volatiles by 3260 | 8015M | × | - B | | | | | | | Matrix Type Code GW Ground Water S Soil/Sedim | |
| | | Quartery S | Semi-Annual | Annual | N/A | | | xam les t | | ВТЕХ | Chloride | | | | | | 8 | WW Waste Water W Wipe DW Drinking Water A Air SW Surface Water O Oil | |
| | Sample ID | Collect Date | Collect Time | Matrix Code 1 | 12 8 | NUMBER OF STREET | | E ofati | TPH | | | | | | | | # J. | OW Ocean/Sea Water T Tissue PL Product-Liquid U Urine | |
| Sample # | | 000 | 14106 | 9996 | FIII | A N | 1 | | | | | | | | | | 3 | PS Product-Solid B Blood SL Sludge | |
| | | | | | | | | # Cont | Lab Only | y: | _ | | | | | | | REMARKS | |
| _1 | SP-2 @ 5' | 4/10/19 | 1430 | S | | | 1 | | Х | Х | Х | | | | | | | | |
| _2 | SP-2 @ 6.5' | 4/11/19 | 1455 | S | | | 1 | | X | Х | X | | | | | 1 | | | - |
| _3 | | | | | | | | | | | | | | | | | | | |
| _4 | | | | | | | | | | | | | | | | | | | PH |
| _5 | | | | | | | | | | | | | | | | | | | |
| _6 | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | : | | | |
| _8 | | | .: | | | | | | | | | | | | | | | | |
| _9 | | | | | | | | | | | | | | - | | | | | |
| - 1 | | | | | | | | | | | | | | | | | | | |
| _0 0 | g, Program / Clean-up Std | A-1 | | | | | | | | | | | | | | | | | |
| | RRP DW NPDES LPST DryCln | | for Certs & | | | | | Certific | | ADODT | EDDs | annu en | COC & | | | | Temp °C | | NO NA |
| ther: | Relinguished by | LA AL NM | Other: | | NELAC | DoD-E | ELAP Of | her: | | XLS Othe | HILEONOVA AND AND AND AND AND AND AND AND AND AN | | Match ir Absent | ncomplete Unclear | 1).0 | 2/1/ | _3R3_O | Non-Conformances found? Samples intact upon arrival? | |
| 1 | Fellx Parliners | | Affilial | 7. | 6/ / | Date | 9 1 | Tim 4:03 | and substantial resources desired | | Ceived | by H | Affili | ation | Di | nescon expension framework | Time | Described and the state of the | |
| 2 | V13 . 11 | | 10/1/2 | Z - | 17/ | 12/1 ((Q | Z ' | 7 ((; | \sim | | | y- | Van | | 411 | | 4.00 | Received within holding time? Custody seals intact? | { |
| 3 | | | 10) | | (4) | 1011 | ' | <u> </u> | <u> </u> | H | LL J | // | Xen | $\overline{\mathbf{u}}$ | 4/15 | 14 | Mus | VOCs rec'd w/o headspace? Proper containers used? | |
| 4 | | | | | <u> </u> | | | · | | | | | | | | | · · · · · · · · · · · · · · · · · · · | pH verified-acceptable, excl VOCs? Received on time to meet HTs? | |

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

C.O.C. Serial #

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

paid in full. Revision Date: Nov 12, 2009.



Work Order #: 621047

XENCO Laboratories Prelogin/Nonconformance Report- Sample Log-In



Client: Trinity Oilfield Services & Rentals, LLC

Date/ Time Received: 04/15/2019 07:45:00 AM

Acceptable Temperature Range: 0 - 6 degC Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used: R8

| | Sample Receipt Checklist | | Comments |
|--|--------------------------|-----|----------|
| #1 *Temperature of cooler(s)? | | 1.1 | |
| #2 *Shipping container in good condition? | | Yes | |
| #3 *Samples received on ice? | | Yes | |
| #4 *Custody Seals intact on shipping contain | iner/ cooler? | N/A | |
| #5 Custody Seals intact on sample bottles? | | N/A | |
| #6*Custody Seals Signed and dated? | | N/A | |
| #7 *Chain of Custody present? | | Yes | |
| #8 Any missing/extra samples? | | No | |
| #9 Chain of Custody signed when relinquish | ned/ received? | Yes | |
| #10 Chain of Custody agrees with sample la | abels/matrix? | Yes | |
| #11 Container label(s) legible and intact? | | Yes | |
| #12 Samples in proper container/ bottle? | | Yes | |
| #13 Samples properly preserved? | | Yes | |
| #14 Sample container(s) intact? | | Yes | |
| #15 Sufficient sample amount for indicated | test(s)? | Yes | |
| #16 All samples received within hold time? | | Yes | |
| #17 Subcontract of sample(s)? | | N/A | |
| #18 Water VOC samples have zero headsp | pace? | N/A | |

* Must be completed for after-hours delivery of samples prior to placing in the refrigerator Analyst: PH Device/Lot#: Checklist completed by:

Brianna Teel

Checklist reviewed by:

Holly Taylor

Holly Taylor Date: 04/15/2019 Date: 04/16/2019



Certificate of Analysis Summary 621713

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Project Name: Red Tank 30-31 St.Com 24Y



Project Id: Contact:

Ben Arguijo

Project Location:

Date Received in Lab: Fri Apr-19-19 12:00 pm

Report Date: 25-APR-19 **Project Manager:** Holly Taylor

| | | | | | | | | |
|------------------------------------|------------|-----------------|---------|-----------------|---------|--|------|---|
| | Lab Id: | 621713-00 | 01 | 621713-0 | 002 | | | |
| Analysis Requested | Field Id: | SP-7 @ 5 | 5' | SP-7 @ | 8' | | | |
| Anaiysis Requesieu | Depth: | | | | | | | |
| | Matrix: | SOIL | | SOIL | | | | |
| | Sampled: | Apr-17-19 1 | 4:19 | Apr-17-19 | 14:55 | | | |
| BTEX by EPA 8021B | Extracted: | Apr-23-19 1 | 7:00 | Apr-23-19 | 17:00 | | | |
| | Analyzed: | Apr-24-19 0 | 1:51 | Apr-24-19 (| 02:10 | | | |
| | Units/RL: | mg/kg | RL | mg/kg | RL | | | |
| Benzene | | < 0.00199 | 0.00199 | < 0.00199 | 0.00199 | | | |
| Toluene | | < 0.00199 | 0.00199 | < 0.00199 | 0.00199 | | | |
| Ethylbenzene | | < 0.00199 | 0.00199 | < 0.00199 | 0.00199 | | | |
| m,p-Xylenes | | < 0.00398 | 0.00398 | < 0.00398 | 0.00398 | | | |
| o-Xylene | | < 0.00199 | 0.00199 | < 0.00199 | 0.00199 | | | |
| Total Xylenes | | < 0.00199 | 0.00199 | < 0.00199 | 0.00199 | | | |
| Total BTEX | | < 0.00199 | 0.00199 | < 0.00199 | 0.00199 | | | |
| Chloride by EPA 300 | Extracted: | Apr-24-19 14:15 | | Apr-24-19 14:15 | | | | |
| | Analyzed: | Apr-24-19 2 | 0:24 | Apr-24-19 2 | 20:29 | | | |
| | Units/RL: | mg/kg | RL | mg/kg | RL | | | |
| Chloride | | 81.5 | 4.97 | 27.2 | 4.97 | | | |
| TPH By SW8015 Mod | Extracted: | Apr-24-19 1 | 0:00 | Apr-24-19 | 14:00 | | | |
| | Analyzed: | Apr-25-19 0 | 7:23 | Apr-25-19 (| 08:00 | | | |
| | Units/RL: | mg/kg | RL | mg/kg | RL | | | |
| Gasoline Range Hydrocarbons (GRO) | | <15.0 | 15.0 | <15.0 | 15.0 | | | |
| Diesel Range Organics (DRO) | | 21.0 | 15.0 | <15.0 | 15.0 | | | |
| Motor Oil Range Hydrocarbons (MRO) | | <15.0 | 15.0 | <15.0 | 15.0 | | | _ |
| Total TPH | | 21.0 | 15.0 | <15.0 | 15.0 | | | |

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

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

Holly Taylor Project Manager

Analytical Report 621713

for

Trinity Oilfield Services & Rentals, LLC

Project Manager: Ben Arguijo Red Tank 30-31 St.Com 24Y

25-APR-19

Collected By: Client





1211 W. Florida Ave Midland TX 79701

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

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

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

Xenco-Tampa: Florida (E87429), North Carolina (483) Xenco-Lakeland: Florida (E84098)





25-APR-19

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

Reference: XENCO Report No(s): 621713

Red Tank 30-31 St.Com 24Y

Project Address:

Ben Arguijo:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 621713. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

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

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 621713 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

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

Respectfully,

thely Taylor

Holly Taylor

Project Manager

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

Certified and approved by numerous States and Agencies.

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

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



Sample Cross Reference 621713



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St.Com 24Y

| Sample Id | Matrix | Date Collected | Sample Depth | Lab Sample Id |
|-----------|--------|-----------------------|--------------|---------------|
| SP-7 @ 5' | S | 04-17-19 14:19 | | 621713-001 |
| SP-7 @ 8' | S | 04-17-19 14:55 | | 621713-002 |

CASE NARRATIVE

Page 140 of 278

Client Name: Trinity Oilfield Services & Rentals, LLC

Project Name: Red Tank 30-31 St.Com 24Y

Project ID: Report Date: 25-APR-19
Work Order Number(s): 621713
Date Received: 04/19/2019

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3086741 BTEX by EPA 8021B

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

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

Samples affected are: 621713-001.





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St.Com 24Y

Soil

Sample Id: SP-7 @ 5' Matrix:

Date Received:04.19.19 12.00

Lab Sample Id: 621713-001

Date Collected: 04.17.19 14.19

Prep Method: E300P

% Moisture:

Tech:

SPC

Analytical Method: Chloride by EPA 300

Basis:

Wet Weight

Analyst:

SPC

Date Prep:

04.24.19 14.15

Seq Number: 3086844

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 81.5 | 4.97 | mg/kg | 04.24.19 20.24 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

% Moisture:

Tech: Analyst: ARMARM

04.24.19 10.00 Date Prep:

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | | mg/kg | 04.25.19 07.23 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | 21.0 | 15.0 | | mg/kg | 04.25.19 07.23 | | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | | mg/kg | 04.25.19 07.23 | U | 1 |
| Total TPH | PHC635 | 21.0 | 15.0 | | mg/kg | 04.25.19 07.23 | | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 97 | % | 70-135 | 04.25.19 07.23 | | |
| o-Terphenyl | | 84-15-1 | 93 | % | 70-135 | 04.25.19 07.23 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St.Com 24Y

Soil

Sample Id: SP-7 @ 5'

Matrix:

Date Received:04.19.19 12.00

Lab Sample Id: 621713-001

Date Collected: 04.17.19 14.19

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SCM

% Moisture:

Analyst: SCM

Date Prep: 04.23.19 17.00

Basis: Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00199 | 0.00199 | | mg/kg | 04.24.19 01.51 | U | 1 |
| Toluene | 108-88-3 | < 0.00199 | 0.00199 | | mg/kg | 04.24.19 01.51 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00199 | 0.00199 | | mg/kg | 04.24.19 01.51 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00398 | 0.00398 | | mg/kg | 04.24.19 01.51 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00199 | 0.00199 | | mg/kg | 04.24.19 01.51 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00199 | 0.00199 | | mg/kg | 04.24.19 01.51 | U | 1 |
| Total BTEX | | < 0.00199 | 0.00199 | | mg/kg | 04.24.19 01.51 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | | 460-00-4 | 139 | % | 70-130 | 04.24.19 01.51 | ** | |
| 1,4-Difluorobenzene | | 540-36-3 | 92 | % | 70-130 | 04.24.19 01.51 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St.Com 24Y

Soil

Sample Id: SP-7 @ 8' Matrix:

Date Received:04.19.19 12.00

Lab Sample Id: 621713-002

Date Collected: 04.17.19 14.55

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: SPC

% Moisture:

Analyst:

SPC

Date Prep: 04.24.19 14.15 Basis:

Wet Weight

Seq Number: 3086844

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------------|------|-----|
| Chloride | 16887-00-6 | 27.2 | 4.97 | mg/kg | 04.24.19 20.29 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

ARMARM

Tech:

Analyst:

04.24.19 14.00 Date Prep:

% Moisture: Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | | mg/kg | 04.25.19 08.00 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | | mg/kg | 04.25.19 08.00 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | | mg/kg | 04.25.19 08.00 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | | mg/kg | 04.25.19 08.00 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 95 | % | 70-135 | 04.25.19 08.00 | | |
| o-Terphenyl | | 84-15-1 | 92 | % | 70-135 | 04.25.19 08.00 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St.Com 24Y

Soil

Sample Id: **SP-7** @ **8'**

Matrix:

Date Received:04.19.19 12.00

Lab Sample Id: 621713-002

Date Collected: 04.17.19 14.55

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SCM

% Moisture:

Basis:

Analyst: SCM

Date Prep:

04.23.19 17.00

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00199 | 0.00199 | | mg/kg | 04.24.19 02.10 | U | 1 |
| Toluene | 108-88-3 | < 0.00199 | 0.00199 | | mg/kg | 04.24.19 02.10 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00199 | 0.00199 | | mg/kg | 04.24.19 02.10 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00398 | 0.00398 | | mg/kg | 04.24.19 02.10 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00199 | 0.00199 | | mg/kg | 04.24.19 02.10 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00199 | 0.00199 | | mg/kg | 04.24.19 02.10 | U | 1 |
| Total BTEX | | < 0.00199 | 0.00199 | | mg/kg | 04.24.19 02.10 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | | 540-36-3 | 102 | % | 70-130 | 04.24.19 02.10 | | |
| 4-Bromofluorobenzene | | 460-00-4 | 123 | % | 70-130 | 04.24.19 02.10 | | |



Flagging Criteria



Page 152 of 278

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

BRL Below Reporting Limit.

RL Reporting Limit

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

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

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample BLK Method Blank

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

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

- + NELAC certification not offered for this compound.
- * (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

^{**} Surrogate recovered outside laboratory control limit.



QC Summary 621713

Trinity Oilfield Services & Rentals, LLC

Red Tank 30-31 St.Com 24Y

Analytical Method: Chloride by EPA 300

Seq Number: 3086844 Matrix: Solid

LCS Sample Id: 7676506-1-BKS 7676506-1-BLK

E300P Prep Method:

Date Prep: 04.24.19

LCSD Sample Id: 7676506-1-BSD MB Sample Id:

MR Spike LCS LCS Limits %RPD RPD Limit Units LCSD LCSD Analysis Flag **Parameter** Result Amount Result %Rec Date %Rec Result 90-110 04.24.19 19:16 Chloride < 5.00 250 253 101 253 101 0 20 mg/kg

Analytical Method: Chloride by EPA 300

3086844

Matrix: Soil

E300P Prep Method: Date Prep:

04.24.19

Parent Sample Id: 621705-019

MS Sample Id: 621705-019 S MSD Sample Id: 621705-019 SD

X

Flag

Spike MS MS %RPD RPD Limit Units Parent **MSD MSD** Limits Analysis Flag **Parameter** Result Date Result Amount %Rec Result %Rec

Chloride 0.880 248 273 110 281 113 90-110 3 20 mg/kg 04.24.19 19:32

Analytical Method: Chloride by EPA 300

Seq Number:

Seq Number:

3086844

Matrix: Soil

Prep Method:

E300P

Date Prep:

04.24.19

MS Sample Id: 621714-001 S MSD Sample Id: 621714-001 SD Parent Sample Id: 621714-001 MS MS %RPD RPD Limit Units Parent Spike **MSD MSD** Limits Analysis

Flag **Parameter** Result Date Result %Rec Amount Result %Rec Chloride 34.2 250 287 101 273 96 90-110 5 20 04.24.19 20:45 mg/kg

Analytical Method: TPH By SW8015 Mod

Seq Number:

Matrix: Solid

Prep Method:

TX1005P

3086860

MB Sample Id: LCS Sample Id: 7676472-1-BKS 7676472-1-BLK

04.24.19 Date Prep:

LCSD Sample Id: 7676472-1-BSD

LCS %RPD RPD Limit Units MB Spike LCS LCSD Limits Analysis LCSD **Parameter** Result %Rec Date Result Amount Result %Rec 04.24.19 15:23 Gasoline Range Hydrocarbons (GRO) 1100 70-135 9 20 < 8.00 1000 110 1010 101 mg/kg 04.24.19 15:23 70-135 10 20 Diesel Range Organics (DRO) 1000 1160 116 1050 105 < 8.13 mg/kg

LCS LCS LCSD MB MB LCSD Limits Units Analysis **Surrogate** %Rec Flag %Rec Flag %Rec Flag Date 1-Chlorooctane 97 130 116 70-135 % 04.24.19 15:23 04.24.19 15:23 o-Terphenyl 99 125 112 70-135 %

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

[D] = 100*(C-A) / BRPD = 200* | (C-E) / (C+E) |[D] = 100 * (C) / [B]

Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample A = Parent Result

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

Flag



QC Summary 621713

Trinity Oilfield Services & Rentals, LLC

Red Tank 30-31 St.Com 24Y

Analytical Method:TPH By SW8015 ModPrep Method:TX1005PSeq Number:3086863Matrix: SolidDate Prep:04.24.19

MB Sample Id: 7676473-1-BLK LCS Sample Id: 7676473-1-BKS LCSD Sample Id: 7676473-1-BSD

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------------------------------|--------------|-----------------|---------------|-------------|----------------|--------------|--------|------|-----------|-------|------------------|------|
| Gasoline Range Hydrocarbons (GRO) | < 8.00 | 1000 | 1020 | 102 | 1030 | 103 | 70-135 | 1 | 20 | mg/kg | 04.25.19 00:30 | |
| Diesel Range Organics (DRO) | < 8.13 | 1000 | 1050 | 105 | 1070 | 107 | 70-135 | 2 | 20 | mg/kg | 04.25.19 00:30 | |
| ~ | MB | MB | L | CS I | CCS | LCSI | n LCS | D I | imits | Units | Analysis | |

Surrogate Date %Rec Flag %Rec Flag Flag %Rec 1-Chlorooctane 98 123 126 70-135 % 04.25.19 00:30 o-Terphenyl 99 114 117 70-135 04.25.19 00:30

Analytical Method: TPH By SW8015 Mod Prep Method: TX1005P

 Seq Number:
 3086860
 Matrix:
 Soil
 Date Prep:
 04.24.19

 Parent Sample Id:
 621699-041
 MS Sample Id:
 621699-041 S
 MSD Sample Id:
 621699-041 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Lin | nit Units | Analysis Date |
|-----------------------------------|------------------|-----------------|--------------|------------|---------------|-------------|--------|------|---------|-----------|------------------|
| Gasoline Range Hydrocarbons (GRO) | < 7.99 | 998 | 784 | 79 | 893 | 90 | 70-135 | 13 | 20 | mg/kg | 04.24.19 16:22 |
| Diesel Range Organics (DRO) | 52.7 | 998 | 840 | 79 | 935 | 88 | 70-135 | 11 | 20 | mg/kg | 04.24.19 16:22 |

| Surrogate | MS %Rec | MS Flag | MSD %Rec | MSD Flag | Limits | Units | Analysis Date |
|----------------|------------|------------|-------------|-------------|--------|-------|------------------|
| 1-Chlorooctane | 99 | | 107 | | 70-135 | % | 04.24.19 16:22 |
| o-Terphenyl | 81 | | 89 | | 70-135 | % | 04.24.19 16:22 |

Analytical Method:TPH By SW8015 ModPrep Method:TX1005PSeq Number:3086863Matrix: SoilDate Prep:04.24.19

Parent Sample Id: 621715-001 MS Sample Id: 621715-001 S MSD Sample Id: 621715-001 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Lim | it Units | Analysis Date | Flag |
|-----------------------------------|------------------|-----------------|--------------|------------|---------------|-------------|--------|------|---------|----------|------------------|------|
| Gasoline Range Hydrocarbons (GRO) | 12.7 | 998 | 974 | 96 | 992 | 98 | 70-135 | 2 | 20 | mg/kg | 04.25.19 01:29 | |
| Diesel Range Organics (DRO) | < 8.11 | 998 | 1040 | 104 | 1060 | 106 | 70-135 | 2 | 20 | mg/kg | 04.25.19 01:29 | |

| Surrogate | MS %Rec | MS Flag | MSD %Rec | MSD Flag | Limits | Units | Analysis Date |
|----------------|------------|------------|-------------|-------------|--------|-------|------------------|
| 1-Chlorooctane | 124 | | 127 | | 70-135 | % | 04.25.19 01:29 |
| o-Terphenyl | 102 | | 108 | | 70-135 | % | 04.25.19 01:29 |

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference
$$\begin{split} [D] &= 100*(C\text{-A}) \, / \, B \\ RPD &= 200* \mid (C\text{-E}) \, / \, (C\text{+E}) \mid \\ [D] &= 100*(C) \, / \, [B] \end{split}$$

Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample

A = Parent Result C = MS/LCS Result

E = MS/LCS ResultE = MSD/LCSD Result MS = Matrix Spike B = Spike Added D = MSD/LCSD % Rec

Flag

Flag



QC Summary 621713

Trinity Oilfield Services & Rentals, LLC

Red Tank 30-31 St.Com 24Y

Analytical Method: BTEX by EPA 8021B SW5030B Prep Method: Seq Number: 3086741 Matrix: Solid Date Prep: 04.23.19

LCS Sample Id: 7676425-1-BKS LCSD Sample Id: 7676425-1-BSD MB Sample Id: 7676425-1-BLK

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Lim | it Units | Analysis Date |] |
|--------------|--------------|-----------------|---------------|-------------|----------------|--------------|--------|------|---------|----------|------------------|---|
| Benzene | < 0.00200 | 0.100 | 0.0894 | 89 | 0.101 | 100 | 70-130 | 12 | 35 | mg/kg | 04.23.19 23:59 | |
| Toluene | < 0.00200 | 0.100 | 0.0897 | 90 | 0.101 | 100 | 70-130 | 12 | 35 | mg/kg | 04.23.19 23:59 | |
| Ethylbenzene | < 0.00200 | 0.100 | 0.0942 | 94 | 0.106 | 105 | 70-130 | 12 | 35 | mg/kg | 04.23.19 23:59 | |
| m,p-Xylenes | < 0.00400 | 0.200 | 0.190 | 95 | 0.213 | 105 | 70-130 | 11 | 35 | mg/kg | 04.23.19 23:59 | |
| o-Xylene | < 0.00200 | 0.100 | 0.0979 | 98 | 0.109 | 108 | 70-130 | 11 | 35 | mg/kg | 04.23.19 23:59 | |
| Surrogate | MB | MB Flag | LC | ~ | LCS Flag | LCSI | | _ | imits | Units | Analysis Date | |

%Rec Flag %Rec Flag Flag Date %Rec 108 98 96 04.23.19 23:59 1,4-Difluorobenzene 70-130 109 04.23.19 23:59 4-Bromofluorobenzene 106 108 70-130 %

Analytical Method: BTEX by EPA 8021B SW5030B Prep Method:

Seq Number: 3086741 Matrix: Soil Date Prep: 04.23.19 MS Sample Id: 621713-001 S MSD Sample Id: 621713-001 SD 621713-001 Parent Sample Id:

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date |
|--------------|------------------|-----------------|--------------|------------|---------------|-------------|--------|------|-----------|-------|------------------|
| Benzene | < 0.00198 | 0.0992 | 0.0869 | 88 | 0.0931 | 93 | 70-130 | 7 | 35 | mg/kg | 04.24.19 00:37 |
| Toluene | < 0.00198 | 0.0992 | 0.0845 | 85 | 0.0911 | 91 | 70-130 | 8 | 35 | mg/kg | 04.24.19 00:37 |
| Ethylbenzene | < 0.00198 | 0.0992 | 0.0830 | 84 | 0.0900 | 90 | 70-130 | 8 | 35 | mg/kg | 04.24.19 00:37 |
| m,p-Xylenes | < 0.00397 | 0.198 | 0.169 | 85 | 0.183 | 91 | 70-130 | 8 | 35 | mg/kg | 04.24.19 00:37 |
| o-Xylene | < 0.00198 | 0.0992 | 0.0871 | 88 | 0.0942 | 94 | 70-130 | 8 | 35 | mg/kg | 04.24.19 00:37 |

| Surrogate | MS %Rec | MS Flag | MSD %Rec | MSD Flag | Limits | Units | Analysis Date |
|----------------------|------------|------------|-------------|-------------|--------|-------|------------------|
| 1,4-Difluorobenzene | 98 | | 99 | | 70-130 | % | 04.24.19 00:37 |
| 4-Bromofluorobenzene | 109 | | 114 | | 70-130 | % | 04.24.19 00:37 |

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

[D] = 100*(C-A) / BRPD = 200* | (C-E) / (C+E) |[D] = 100 * (C) / [B]

Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample A = Parent Result

C = MS/LCS Result E = MSD/LCSD Result MS = Matrix SpikeB = Spike Added D = MSD/LCSD % Rec Company:

Address:

PM/Attn:

Project ID:

Sampler Name:

Felix Palmero

Sample #

City:

| | M | 77 | | |
|----|---|----|----------|----|
| | B | L | P | ړه |
| La | | | | |
| | | | | |

P.O. Box 2587

Ben J. Arguijo

SP-7 @ 5'

SP-7@8'

Hobbs

Trinity Oilfield Services & Rentals, LLC

Red Tank 30-31 St. Com 24Y

Sample ID

Charge Codes: OP57182239 1214877 01040502

Invoice To: Oxy - Wade Dittrich (575)390-2828

CHAIN OF CUSTODY RECORD

(575)390-7208

ont Type

res Type

Example Volanies by i

Con

GC

8015M

TPH

Lab Only

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

88241

Fax:

Zip:

Email: wade.dittrich@oxy.com &

ben@trinityoilfieldservices.com

Quote #:

vamx

Code

S

S

PO#:

State: NM

Circle One Event: Daily Weekly Monthly

Quartely Semi-Annual Annual

Collect

Time

1419

1455

Collect

Date

11/17/19

11/17/19

Page .1 of 1

LAB W.O#: Field billable Hrs:

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

ANALYSES REQUESTED

Time:

| 4 | | |
|---|----|----------------|
| | ES | Encore Sampler |
| | TS | TerraCore Sam |
| d | AC | Air Canister |
| | TB | Tedlar Bag |
| | | - · · · - |

Final 1,000

Page 14 of 16

VA Vial Amber VC Vial Clear VP Vial Pre-preserve GA Glass Amber GC Glass Clear Zip Lock Bag PA Plastic Ambe Plastic Amber Plastic Clear

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

Contain

| None | E. HCL | I. Ice |
|--------------------|--|------------------|
| HNO₃ | F. MeOH | J. MCAA |
| H ₂ SO₄ | G. Na ₂ S ₂ O ₃ | K. ZnAc&NaOH |
| NaOH | H. NaĤSO₄ | L Asbc Acid&NaOl |

^ Matrix Type Codes GW Ground Water S Soil/Sediment/Solid WW Waste Water Wipe

DW Drinking Water A O Air SW Surface Water Oil OW Ocean/Sea Water T Tissue Product-Liquid U Urine Product-Solid B Blood Sludge

SL

REMARKS

| | | | | | | | | · . | 1 | ,, | | | | | | | | | |
|----------------|-----------------------------------|----------------------|-------------|---------|------|---------------|-------------------------|--|-------------------|----------------|---------------|-----------------|----------------------|--|---------|---------|------|---|-------|
| 3 | | | | | | | | | | . : | | | | | | | | | - |
| 4 | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | - | , | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | - | | | | | | | | | | |
| 8 | | | | | | | | | | - : | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | .: | | | |
| 0 | | | | | | | | | | , | | | | | | | | | |
| | Reg. Program / Clean-up Std | | for Certs 8 | | QΑ | VQC Le | /el & Certifi | cation | | EDDs | | COC 8 | Labels | (| oolers | Temp °C | | Lab Use Only YES | NO NA |
| CTLs Other: | | FL TX GA LA AL NM | | | | | LP AFCEE C AP Other: |)APP | ADaPT XLS Othe | .SEDD E er: | RPIMS | Match Absent | ncomplete Unclear | 1 | 2 | 3 T | P. 6 | Non-Conformances found? Samples intact upon arrival? | |
| 1 | Relinguished by | | Affilia | tion | 717 | Date 10110 | Tir | A STATE OF THE STA | | ecenved | AND MOUNTAINS | 201220222222222 | ation | AUSTO 27 27 22 22 22 22 22 22 22 22 22 22 22 | ite | Tim | ne | Received on Wet Ice? Labeled with proper preservatives? | |
| | Fold Wen | | MAIT | To- | 4/ | 18/19 | 1 // / | 5 | V STEE | anra (| Source | V/ 6.1. | Senies | 4-18-1 | 9 | 1/2/ | 16 | Received within holding time? | |
| 2 | Visathana Comal | | Mail 8 | enite | 4/1 | 18/19 | 211 | 6 | Ma | | : | Xen | | | 119 | INO | Ö | Custody seals intact? VOCs rec'd w/o headspace? | |
| 3 | | | | | | | | | P | | | | | 11 | | | | Proper containers used? pH verified-acceptable, excl VOCs? | |
| 4 | | | | | | | | - | | | | | | | ٠. | | | Received on time to meet HTs? | |
| 3&A | Laboratories: Hobbs 575-392-755 | 0 Dallas 2 | 214-902-03 | 00 Hous | ston | 281-242 | -4200 Ode | essa 43 | 2-563-18 | 00 Sar | Anton | io 210- | 09-333 | 4 Phoe | niv 602 | 437-033 | RU. | C.O.C. Serial # | |
| FTS S | Service Centers: Atlanta 770-449- | 8800 Lake | eland 863-6 | 46-8526 | Tam | pa 803- | 543-8099 F | hiladel | phia 61 | 0-955-5 | 649 So | uth Ca | olina 8 | 03-543 | 8099 | | | | |

TAT Work Days = D Need results by:

GC

BTEX

GC





Work Order #: 621713

XENCO Laboratories Prelogin/Nonconformance Report- Sample Log-In



Client: Trinity Oilfield Services & Rentals, LLC

Date/ Time Received: 04/19/2019 12:00:00 PM

Date/ Time Received. 04/19/2019 12:00:00 1 W

Checklist completed by:

Checklist reviewed by: Hely Taylor
Holly Taylor

Acceptable Temperature Range: 0 - 6 degC Air and Metal samples Acceptable Range: Ambient

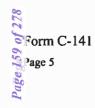
Date: 04/19/2019

Date: 04/22/2019

Temperature Measuring device used: R8

| s | ample Receipt Checklist | Comments |
|--|---|----------------|
| #1 *Temperature of cooler(s)? | | 2.6 |
| #2 *Shipping container in good condition? | • | Yes |
| #3 *Samples received on ice? | • | Yes |
| #4 *Custody Seals intact on shipping containe | r/ cooler? | N/A |
| #5 Custody Seals intact on sample bottles? | ı | N/A |
| #6*Custody Seals Signed and dated? | ı | N/A |
| #7 *Chain of Custody present? | • | Yes |
| #8 Any missing/extra samples? | | No |
| #9 Chain of Custody signed when relinquished | d/ received? | Yes |
| #10 Chain of Custody agrees with sample labor | els/matrix? | Yes |
| #11 Container label(s) legible and intact? | • | Yes |
| #12 Samples in proper container/ bottle? | • | Yes |
| #13 Samples properly preserved? | • | Yes |
| #14 Sample container(s) intact? | • | Yes |
| #15 Sufficient sample amount for indicated tes | st(s)? | Yes |
| #16 All samples received within hold time? | • | Yes |
| #17 Subcontract of sample(s)? | 1 | N/A |
| #18 Water VOC samples have zero headspace | ee? | N/A |
| * Must be completed for after-hours delivery | <i>y</i> of samples prior to placing in the | e refrigerator |
| Analyst: | PH Device/Lot#: | |
| Allalyst. | TTT DEVICE/LUI#. | |
| | inco Tinl | |

Brianna Teel



State of New Mexico Oil Conservation Division

| Incident ID | NOY1803750274 |
|----------------|---------------|
| District RP | 1RP-4957 |
| Facility ID | |
| Application ID | |

Released to Imaging: 12/22/2023 7:52:18 AM

Remediation Plan

| Remediation Plan Checklist: Each of the following items must b | e included in the plan. |
|--|--|
| ✓ Detailed description of proposed remediation technique ✓ Scaled sitemap with GPS coordinates showing delineation poin ✓ Estimated volume of material to be remediated ✓ Closure criteria is to Table 1 specifications subject to 19.15.29. ✓ Proposed schedule for remediation (note if remediation plan tin | 12(C)(4) NMAC |
| Deferral Requests Only: Each of the following items must be con | nfirmed as part of any request for deferral of remediation. |
| Contamination must be in areas immediately under or around p deconstruction. | roduction equipment where remediation could cause a major facility |
| Extents of contamination must be fully delineated. | |
| Contamination does not cause an imminent risk to human health | h, the environment, or groundwater. |
| | e and remediate contamination that pose a threat to groundwater, acceptance of a C-141 report does not relieve the operator of |
| Printed Name: Wade Dittrich | Title: Environmental Coordinator |
| Signature: wall ditter | Date: 5/8/2019 |
| email: Wade_Dittrich@oxy.com | Telephone: (575)390-2828 |
| | |
| OCD Only | |
| Received by: Robert Hamlet | Date: 4/22/2020 |
| Approved | 4/22/2020 |
| Signature: A/// | Date: 4/22/2020 |



Certificate of Analysis Summary 618715

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Project Name: Red Tank 30-31 St. Com 24Y



Project Id:

Contact: Ben Arguijo

Project Location:

Date Received in Lab: Mon Mar-25-19 07:35 am

Report Date: 04-APR-19 **Project Manager:** Holly Taylor

| Lab Id: | | 618715-0 | 618715-001 | | 618715-002 | | 003 | 618715- | 004 | 618715- | 005 | 618715-006 | |
|------------------------------------|------------|-------------------|-----------------|--------------------|------------|-------------------|---------|--------------------|---------|-------------------|---------|-----------------|---------|
| Anglysis Pagyostad | Field Id: | SP-1 E. Wall @ 4' | | SP-1 E. Floor @ 4' | | SP-1 W. Wall @ 4' | | SP-1 W. Floor @ 4' | | SP-2 N. Wall @ 4' | | SP-2 N. Flo | or @ 4' |
| Analysis Requested | Depth: | | | | | | | | | | | | |
| | Matrix: | SOIL | SOIL | | | SOIL | | SOIL | , | SOIL | , | SOIL | |
| | Sampled: | Mar-19-19 | Mar-19-19 10:57 | | 10:54 | Mar-19-19 | 11:08 | Mar-19-19 | 11:06 | Mar-19-19 | 11:41 | Mar-19-19 | 13:39 |
| BTEX by EPA 8021B | Extracted: | Mar-29-19 | 16:00 | Mar-29-19 | 16:00 | Mar-28-19 | 17:00 | Mar-28-19 | 17:00 | Mar-28-19 | 17:00 | Mar-28-19 | 17:00 |
| | Analyzed: | Mar-29-19 | 22:12 | Mar-29-19 | 22:31 | Mar-29-19 | 08:04 | Mar-29-19 | 08:23 | Mar-29-19 | 08:42 | Mar-29-19 | 09:01 |
| | Units/RL: | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL |
| Benzene | | < 0.00200 | 0.00200 | < 0.00200 | 0.00200 | < 0.00198 | 0.00198 | < 0.00199 | 0.00199 | < 0.00200 | 0.00200 | < 0.00200 | 0.00200 |
| Toluene | | < 0.00200 | 0.00200 | < 0.00200 | 0.00200 | < 0.00198 | 0.00198 | < 0.00199 | 0.00199 | < 0.00200 | 0.00200 | 0.00861 | 0.00200 |
| Ethylbenzene | | < 0.00200 | 0.00200 | < 0.00200 | 0.00200 | < 0.00198 | 0.00198 | < 0.00199 | 0.00199 | < 0.00200 | 0.00200 | 0.0369 | 0.00200 |
| m,p-Xylenes | | < 0.00399 | 0.00399 | < 0.00400 | 0.00400 | < 0.00397 | 0.00397 | < 0.00398 | 0.00398 | < 0.00401 | 0.00401 | 0.190 | 0.00399 |
| o-Xylene | | < 0.00200 | 0.00200 | < 0.00200 | 0.00200 | < 0.00198 | 0.00198 | < 0.00199 | 0.00199 | < 0.00200 | 0.00200 | 0.140 | 0.00200 |
| Total Xylenes | | < 0.00200 | 0.00200 | < 0.00200 | 0.00200 | < 0.00198 | 0.00198 | < 0.00199 | 0.00199 | < 0.00200 | 0.00200 | 0.330 | 0.00200 |
| Total BTEX | | < 0.00200 | 0.00200 | < 0.00200 | 0.00200 | < 0.00198 | 0.00198 | < 0.00199 | 0.00199 | < 0.00200 | 0.00200 | 0.376 | 0.00200 |
| Chloride by EPA 300 | Extracted: | Mar-25-19 | Mar-25-19 16:30 | | 08:40 | Mar-26-19 | 08:40 | Mar-26-19 | 08:40 | Mar-26-19 08:40 | | Mar-26-19 08:40 | |
| | Analyzed: | Mar-26-19 | 02:03 | Mar-26-19 | 10:28 | Mar-26-19 10:48 | | Mar-26-19 10:55 | | Mar-26-19 | 11:01 | Mar-26-19 11 | |
| | Units/RL: | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL |
| Chloride | | 28.3 | 5.00 | 196 | 4.99 | 7.42 | 4.96 | 226 | 5.03 | 6.95 | 4.95 | 263 | 5.02 |
| TPH By SW8015 Mod | Extracted: | Mar-28-19 | 07:00 | Mar-28-19 | 07:00 | Mar-28-19 | 07:00 | Mar-28-19 | 07:00 | Mar-28-19 07:00 | | Mar-28-19 07:00 | |
| | Analyzed: | Mar-28-19 | 11:36 | Mar-28-19 | 11:55 | Mar-28-19 | 12:14 | Mar-28-19 | 13:12 | Mar-28-19 | 13:31 | Mar-28-19 | 13:51 |
| | Units/RL: | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL |
| Gasoline Range Hydrocarbons (GRO) | | <14.9 | 14.9 | <15.0 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | 99.1 | 15.0 |
| Diesel Range Organics (DRO) | | <14.9 | 14.9 | 49.3 | 15.0 | <15.0 | 15.0 | 64.2 | 15.0 | <15.0 | 15.0 | 1400 | 15.0 |
| Motor Oil Range Hydrocarbons (MRO) | | <14.9 | 14.9 | <15.0 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | 465 | 15.0 |
| Total TPH | | <14.9 | 14.9 | 49.3 | 15.0 | <15.0 | 15.0 | 64.2 | 15.0 | <15.0 | 15.0 | 1960 | 15.0 |

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

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

Holly Taylor Project Manager



Certificate of Analysis Summary 618715

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Project Name: Red Tank 30-31 St. Com 24Y



Project Id:

Contact: Ben Arguijo

Project Location:

Date Received in Lab: Mon Mar-25-19 07:35 am

Report Date: 04-APR-19 **Project Manager:** Holly Taylor

| | Lab Id: | 618715-0 | 007 | 618715-0 | 800 | 618715-0 | 009 | 618715-0 | 010 | 618715- | 011 | |
|------------------------------------|------------|-------------------|---------|--------------------|---------|-----------------|---------|-----------------|---------|-----------------|---------|--|
| Analysis Requested | Field Id: | SP-3 S. Wall @ 4' | | SP-3 S. Floor @ 4' | | SP-4 Floor @ 3' | | SP-5 Floor @ 3' | | SP-6 Floor | r @ 3' | |
| Anaiysis Kequesieu | Depth: | | | | | | | | | | | |
| | Matrix: | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | , | |
| | Sampled: | Mar-19-19 12:40 | | Mar-19-19 | 12:39 | Mar-19-19 | 13:14 | Mar-19-19 | 13:17 | Mar-19-19 | 13:20 | |
| BTEX by EPA 8021B | Extracted: | Mar-28-19 | 17:00 | Mar-28-19 | 17:00 | Mar-28-19 | 17:00 | Mar-28-19 | 17:00 | Mar-28-19 | 17:00 | |
| | Analyzed: | Mar-29-19 | 22:15 | Mar-29-19 | 22:34 | Mar-29-19 2 | 22:53 | Mar-29-19 | 23:12 | Mar-29-19 | 23:31 | |
| | Units/RL: | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | |
| Benzene | | < 0.00199 | 0.00199 | < 0.00198 | 0.00198 | < 0.00198 | 0.00198 | < 0.00199 | 0.00199 | < 0.00199 | 0.00199 | |
| Toluene | | < 0.00199 | 0.00199 | < 0.00198 | 0.00198 | < 0.00198 | 0.00198 | < 0.00199 | 0.00199 | < 0.00199 | 0.00199 | |
| Ethylbenzene | | < 0.00199 | 0.00199 | < 0.00198 | 0.00198 | < 0.00198 | 0.00198 | < 0.00199 | 0.00199 | < 0.00199 | 0.00199 | |
| m,p-Xylenes | | < 0.00398 | 0.00398 | < 0.00397 | 0.00397 | < 0.00397 | 0.00397 | < 0.00398 | 0.00398 | < 0.00398 | 0.00398 | |
| o-Xylene | | < 0.00199 | 0.00199 | < 0.00198 | 0.00198 | < 0.00198 | 0.00198 | < 0.00199 | 0.00199 | < 0.00199 | 0.00199 | |
| Total Xylenes | | < 0.00199 | 0.00199 | < 0.00198 | 0.00198 | < 0.00198 | 0.00198 | < 0.00199 | 0.00199 | < 0.00199 | 0.00199 | |
| Total BTEX | | <0.00199 0.00199 | | < 0.00198 | 0.00198 | < 0.00198 | 0.00198 | < 0.00199 | 0.00199 | < 0.00199 | 0.00199 | |
| Chloride by EPA 300 | Extracted: | Mar-26-19 08:40 | | Mar-26-19 08:40 | | Mar-26-19 08:40 | | Mar-26-19 08:40 | | Mar-26-19 08:40 | | |
| | Analyzed: | Mar-26-19 | 11:28 | Mar-26-19 | 11:35 | Mar-26-19 11:41 | | Mar-26-19 11:48 | | Mar-26-19 | 11:55 | |
| | Units/RL: | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | |
| Chloride | | 198 | 4.99 | 202 | 5.04 | 7.50 | 4.99 | 10.1 | 4.95 | 82.7 | 4.99 | |
| TPH By SW8015 Mod | Extracted: | Mar-28-19 | 07:00 | Mar-28-19 | 07:00 | Mar-28-19 (| 07:00 | Mar-28-19 | 07:00 | Mar-28-19 | 07:00 | |
| | Analyzed: | Mar-28-19 | 14:11 | Mar-28-19 | 14:30 | Mar-28-19 | 14:51 | Mar-28-19 15:11 | | Mar-28-19 | 15:31 | |
| | Units/RL: | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | |
| Gasoline Range Hydrocarbons (GRO) | | <14.9 | 14.9 | <15.0 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | |
| Diesel Range Organics (DRO) | | <14.9 | 14.9 | 258 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | |
| Motor Oil Range Hydrocarbons (MRO) | | <14.9 | 14.9 | 24.4 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | |
| Total TPH | | <14.9 | 14.9 | 282 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | |

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

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

Holly Taylor Project Manager

Analytical Report 618715

for

Trinity Oilfield Services & Rentals, LLC

Project Manager: Ben Arguijo Red Tank 30-31 St. Com 24Y

04-APR-19

Collected By: Client





1211 W. Florida Ave Midland TX 79701

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

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

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

Xenco-Tampa: Florida (E87429), North Carolina (483) Xenco-Lakeland: Florida (E84098)





04-APR-19

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

Reference: XENCO Report No(s): 618715

Red Tank 30-31 St. Com 24Y

Project Address:

Ben Arguijo:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 618715. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

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

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 618715 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

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

Respectfully,

Holly Taylor

Project Manager

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

Certified and approved by numerous States and Agencies.

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

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



Sample Cross Reference 618715



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

| Sample Id | Matrix | Date Collected | Sample Depth | Lab Sample Id |
|--------------------|--------|-----------------------|--------------|---------------|
| SP-1 E. Wall @ 4' | S | 03-19-19 10:57 | | 618715-001 |
| SP-1 E. Floor @ 4' | S | 03-19-19 10:54 | | 618715-002 |
| SP-1 W. Wall @ 4' | S | 03-19-19 11:08 | | 618715-003 |
| SP-1 W. Floor @ 4' | S | 03-19-19 11:06 | | 618715-004 |
| SP-2 N. Wall @ 4' | S | 03-19-19 11:41 | | 618715-005 |
| SP-2 N. Floor @ 4' | S | 03-19-19 13:39 | | 618715-006 |
| SP-3 S. Wall @ 4' | S | 03-19-19 12:40 | | 618715-007 |
| SP-3 S. Floor @ 4' | S | 03-19-19 12:39 | | 618715-008 |
| SP-4 Floor @ 3' | S | 03-19-19 13:14 | | 618715-009 |
| SP-5 Floor @ 3' | S | 03-19-19 13:17 | | 618715-010 |
| SP-6 Floor @ 3' | S | 03-19-19 13:20 | | 618715-011 |

CASE NARRATIVE

Client Name: Trinity Oilfield Services & Rentals, LLC

Project Name: Red Tank 30-31 St. Com 24Y

Project ID: Report Date: 04-APR-19 Work Order Number(s): 618715 Date Received: 03/25/2019

Sample receipt non conformances and comments:

4/4/2019 1.001 Revised to correct Project ID per Ben Arguijo (email). HT

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3083870 BTEX by EPA 8021B

Soil samples were not received in Terracore kits and therefore were prepared by method 5030. Surrogate 4-Bromofluorobenzene recovered above QC limits. Matrix interferences is suspected; Samples affected are: 618714-014 S,618714-014 SD,618715-005,618715-011,618715-007,618715-008,618715-009,618715-010,618715-004,618715-003,618715-006.

Batch: LBA-3084057 BTEX by EPA 8021B

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





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Sample Id: SP-1 E. Wall @ 4'

Soil Matrix:

Date Received:03.25.19 07.35

Lab Sample Id: 618715-001

Date Collected: 03.19.19 10.57

Prep Method: E300P

CHE

Analytical Method: Chloride by EPA 300

% Moisture:

Tech: CHE Analyst:

Date Prep:

03.25.19 16.30

Basis:

Wet Weight

Seq Number: 3083327

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 28.3 | 5.00 | mg/kg | 03.26.19 02.03 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

% Moisture:

Tech: Analyst: ARMARM

03.28.19 07.00 Date Prep:

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <14.9 | 14.9 | | mg/kg | 03.28.19 11.36 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <14.9 | 14.9 | | mg/kg | 03.28.19 11.36 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <14.9 | 14.9 | | mg/kg | 03.28.19 11.36 | U | 1 |
| Total TPH | PHC635 | <14.9 | 14.9 | | mg/kg | 03.28.19 11.36 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 92 | % | 70-135 | 03.28.19 11.36 | | |
| o-Terphenyl | | 84-15-1 | 94 | % | 70-135 | 03.28.19 11.36 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Sample Id: SP-1 E. Wall @ 4' Matrix: Soil Date Received:03.25.19 07.35

Lab Sample Id: 618715-001

Date Collected: 03.19.19 10.57

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

SCM

% Moisture:

Tech: SCM

Analyst:

Date Prep: 03.29.19 16.00 Basis: Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 22.12 | U | 1 |
| Toluene | 108-88-3 | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 22.12 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 22.12 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00399 | 0.00399 | | mg/kg | 03.29.19 22.12 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 22.12 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 22.12 | U | 1 |
| Total BTEX | | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 22.12 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | | 460-00-4 | 95 | % | 70-130 | 03.29.19 22.12 | | |
| 1,4-Difluorobenzene | | 540-36-3 | 86 | % | 70-130 | 03.29.19 22.12 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

03.26.19 08.40

Sample Id: SP-1 E. Floor @ 4'

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618715-002

Date Collected: 03.19.19 10.54

Analytical Method: Chloride by EPA 300

Prep Method: E300P

CHE

CIIL

% MOISTU

% Moisture:

Analyst: CHE

Tech:

Date Prep:

Basis:

Wet Weight

Seq Number: 3083494

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 196 | 4.99 | mg/kg | 03.26.19 10.28 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

% Moisture:

Tech:
Analyst:

ARM ARM

Date Prep: 03.28.19 07.00

Basis: Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | | mg/kg | 03.28.19 11.55 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | 49.3 | 15.0 | | mg/kg | 03.28.19 11.55 | | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | | mg/kg | 03.28.19 11.55 | U | 1 |
| Total TPH | PHC635 | 49.3 | 15.0 | | mg/kg | 03.28.19 11.55 | | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 89 | % | 70-135 | 03.28.19 11.55 | | |
| o-Terphenyl | | 84-15-1 | 92 | % | 70-135 | 03.28.19 11.55 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Sample Id: SP-1 E. Floor @ 4' Matrix: Soil Date Received:03.25.19 07.35

Lab Sample Id: 618715-002

Date Collected: 03.19.19 10.54

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SCM % Moisture:

SCM

Analyst:

03.29.19 16.00 Date Prep:

Basis: Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 22.31 | U | 1 |
| Toluene | 108-88-3 | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 22.31 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 22.31 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00400 | 0.00400 | | mg/kg | 03.29.19 22.31 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 22.31 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 22.31 | U | 1 |
| Total BTEX | | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 22.31 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | | 540-36-3 | 97 | % | 70-130 | 03.29.19 22.31 | | |
| 4-Bromofluorobenzene | | 460-00-4 | 108 | % | 70-130 | 03.29.19 22.31 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Sample Id: SP-1 W. Wall @ 4'

Analytical Method: Chloride by EPA 300

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618715-003

Date Collected: 03.19.19 11.08

- ----

Prep Method: E300P

% Moisture:

Tech: CHE

Analyst:

CHE

03.26.19 08.40 Basis:

Wet Weight

Seq Number: 3083494

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 7.42 | 4.96 | mg/kg | 03.26.19 10.48 | | 1 |

Date Prep:

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

% Moisture:

Tech:
Analyst:

ARM ARM

Date Prep: 03.28.19 07.00

Basis: Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | | mg/kg | 03.28.19 12.14 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | | mg/kg | 03.28.19 12.14 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | | mg/kg | 03.28.19 12.14 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | | mg/kg | 03.28.19 12.14 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 100 | % | 70-135 | 03.28.19 12.14 | | |
| o-Terphenyl | | 84-15-1 | 99 | % | 70-135 | 03.28.19 12.14 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Sample Id: SP-1 W. Wall @ 4'

Matrix: Soil

Date Prep:

Date Received:03.25.19 07.35

Lab Sample Id: 618715-003

Date Collected: 03.19.19 11.08

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: ALJ

% Moisture:

Basis:

Analyst: AL.

ALJ

03.28.19 17.00

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00198 | 0.00198 | | mg/kg | 03.29.19 08.04 | U | 1 |
| Toluene | 108-88-3 | < 0.00198 | 0.00198 | | mg/kg | 03.29.19 08.04 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00198 | 0.00198 | | mg/kg | 03.29.19 08.04 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00397 | 0.00397 | | mg/kg | 03.29.19 08.04 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00198 | 0.00198 | | mg/kg | 03.29.19 08.04 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00198 | 0.00198 | | mg/kg | 03.29.19 08.04 | U | 1 |
| Total BTEX | | < 0.00198 | 0.00198 | | mg/kg | 03.29.19 08.04 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | | 460-00-4 | 152 | % | 70-130 | 03.29.19 08.04 | ** | |
| 1,4-Difluorobenzene | | 540-36-3 | 101 | % | 70-130 | 03.29.19 08.04 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Sample Id: SP-1 W. Floor @ 4'

CHE

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618715-004

Date Collected: 03.19.19 11.06

Analytical Method: Chloride by EPA 300

Prep Method: E300P

% Moisture:

Tech: CHE

Analyst:

Date Prep:

03.26.19 08.40 Basi

Basis: Wet Weight

Seq Number: 3083494

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 226 | 5.03 | mg/kg | 03.26.19 10.55 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

% Moisture:

Tech:
Analyst:

ARM ARM

Date Prep: 03.28.19 07.00

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | | mg/kg | 03.28.19 13.12 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | 64.2 | 15.0 | | mg/kg | 03.28.19 13.12 | | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | | mg/kg | 03.28.19 13.12 | U | 1 |
| Total TPH | PHC635 | 64.2 | 15.0 | | mg/kg | 03.28.19 13.12 | | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 89 | % | 70-135 | 03.28.19 13.12 | | |
| o-Terphenyl | | 84-15-1 | 91 | % | 70-135 | 03.28.19 13.12 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Sample Id: SP-1 W. Floor @ 4'

Analytical Method: BTEX by EPA 8021B

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618715-004

Date Collected: 03.19.19 11.06

Prep Method: SW5030B

% Moisture:

Tech: AL.

Analyst:

ALJ ALJ

Date Prep: 03.28.19 17.00

Basis: Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 08.23 | U | 1 |
| Toluene | 108-88-3 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 08.23 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 08.23 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00398 | 0.00398 | | mg/kg | 03.29.19 08.23 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 08.23 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 08.23 | U | 1 |
| Total BTEX | | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 08.23 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | | 460-00-4 | 149 | % | 70-130 | 03.29.19 08.23 | ** | |
| 1.4-Difluorobenzene | | 540-36-3 | 101 | % | 70-130 | 03.29.19.08.23 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Sample Id: SP-2 N. Wall @ 4'

Soil Matrix:

Date Received:03.25.19 07.35

Lab Sample Id: 618715-005

Date Collected: 03.19.19 11.41

Analytical Method: Chloride by EPA 300

Prep Method: E300P

CHE

% Moisture:

Tech: CHE Analyst:

Date Prep: 03.26.19 08.40 Basis:

Wet Weight

Seq Number: 3083494

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 6.95 | 4.95 | mø/kø | 03.26.19.11.01 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

% Moisture:

Tech: Analyst: ARMARM

03.28.19 07.00 Date Prep:

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | | mg/kg | 03.28.19 13.31 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | | mg/kg | 03.28.19 13.31 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | | mg/kg | 03.28.19 13.31 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | | mg/kg | 03.28.19 13.31 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 85 | % | 70-135 | 03.28.19 13.31 | | |
| o-Terphenyl | | 84-15-1 | 84 | % | 70-135 | 03.28.19 13.31 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Sample Id: SP-2 N. Wall @ 4'

Soil Matrix:

Date Received:03.25.19 07.35

Lab Sample Id: 618715-005

Date Collected: 03.19.19 11.41

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech:

ALJ

% Moisture:

Analyst:

ALJ

Date Prep: 03.28.19 17.00 Basis:

Seq Number: 3083870

Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|---------------|-------------|-----------|---------|-------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00200 | 0.00200 | mg/kg | 03.29.19 08.42 | U | 1 |
| Toluene | 108-88-3 | < 0.00200 | 0.00200 | mg/kg | 03.29.19 08.42 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00200 | 0.00200 | mg/kg | 03.29.19 08.42 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00401 | 0.00401 | mg/kg | 03.29.19 08.42 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00200 | 0.00200 | mg/kg | 03.29.19 08.42 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00200 | 0.00200 | mg/kg | 03.29.19 08.42 | U | 1 |
| Total BTEX | | < 0.00200 | 0.00200 | mg/kg | 03.29.19 08.42 | U | 1 |

| | | % | | | | |
|----------------------|------------|----------|-------|--------|----------------|------|
| Surrogate | Cas Number | Recovery | Units | Limits | Analysis Date | Flag |
| 4-Bromofluorobenzene | 460-00-4 | 147 | % | 70-130 | 03.29.19 08.42 | ** |
| 1,4-Difluorobenzene | 540-36-3 | 100 | % | 70-130 | 03.29.19 08.42 | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Sample Id: SP-2 N. Floor @ 4'

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618715-006

Date Collected: 03.19.19 13.39

Date Con**ected**, 02(1)(1) 12(0

Prep Method: E300P

% Moisture:

Tech: CHE

Analyst:

CHE

Analytical Method: Chloride by EPA 300

Date Prep: 03.26.19 08.40

Basis:

Wet Weight

Seq Number: 3083494

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 263 | 5.02 | mg/kg | 03.26.19 11.08 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

% Moisture:

Tech:
Analyst:

ARM ARM

Date Prep: 03.28.19 07.00

Basis: Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | 99.1 | 15.0 | | mg/kg | 03.28.19 13.51 | | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | 1400 | 15.0 | | mg/kg | 03.28.19 13.51 | | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | 465 | 15.0 | | mg/kg | 03.28.19 13.51 | | 1 |
| Total TPH | PHC635 | 1960 | 15.0 | | mg/kg | 03.28.19 13.51 | | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 105 | % | 70-135 | 03.28.19 13.51 | | |
| o-Terphenyl | | 84-15-1 | 128 | % | 70-135 | 03.28.19 13.51 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Sample Id: SP-2 N. Floor @ 4' Matrix: Soil Date Received:03.25.19 07.35

Prep Method: SW5030B

Lab Sample Id: 618715-006

Date Collected: 03.19.19 13.39

Analytical Method: BTEX by EPA 8021B

% Moisture:

Tech: Analyst: ALJ ALJ

Date Prep: 03.28.19 17.00 Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 09.01 | U | 1 |
| Toluene | 108-88-3 | 0.00861 | 0.00200 | | mg/kg | 03.29.19 09.01 | | 1 |
| Ethylbenzene | 100-41-4 | 0.0369 | 0.00200 | | mg/kg | 03.29.19 09.01 | | 1 |
| m,p-Xylenes | 179601-23-1 | 0.190 | 0.00399 | | mg/kg | 03.29.19 09.01 | | 1 |
| o-Xylene | 95-47-6 | 0.140 | 0.00200 | | mg/kg | 03.29.19 09.01 | | 1 |
| Total Xylenes | 1330-20-7 | 0.330 | 0.00200 | | mg/kg | 03.29.19 09.01 | | 1 |
| Total BTEX | | 0.376 | 0.00200 | | mg/kg | 03.29.19 09.01 | | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | | 540-36-3 | 101 | % | 70-130 | 03.29.19 09.01 | | |
| 4-Bromofluorobenzene | | 460-00-4 | 229 | % | 70-130 | 03.29.19 09.01 | ** | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Sample Id: SP-3 S. Wall @ 4'

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618715-007

Date Collected: 03.19.19 12.40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

.

Analyst: CHE

Date Prep:

03.26.19 08.40

Basis: Wet Weight

Seq Number: 3083494

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 198 | 4.99 | mg/kg | 03.26.19 11.28 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

% Moisture:

Tech: Analyst: ARM ARM

Date Prep: 03.28.19 07.00

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <14.9 | 14.9 | | mg/kg | 03.28.19 14.11 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <14.9 | 14.9 | | mg/kg | 03.28.19 14.11 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <14.9 | 14.9 | | mg/kg | 03.28.19 14.11 | U | 1 |
| Total TPH | PHC635 | <14.9 | 14.9 | | mg/kg | 03.28.19 14.11 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 97 | % | 70-135 | 03.28.19 14.11 | | |
| o-Terphenyl | | 84-15-1 | 96 | % | 70-135 | 03.28.19 14.11 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Sample Id: SP-3 S. Wall @ 4' Matrix: Soil Date Received:03.25.19 07.35

Lab Sample Id: 618715-007

Date Collected: 03.19.19 12.40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: ALJ % Moisture:

ALJ

Analyst:

Date Prep:

03.28.19 17.00

Basis: Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 22.15 | U | 1 |
| Toluene | 108-88-3 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 22.15 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 22.15 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00398 | 0.00398 | | mg/kg | 03.29.19 22.15 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 22.15 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 22.15 | U | 1 |
| Total BTEX | | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 22.15 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | | 460-00-4 | 133 | % | 70-130 | 03.29.19 22.15 | ** | |
| 1,4-Difluorobenzene | | 540-36-3 | 94 | % | 70-130 | 03.29.19 22.15 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Sample Id: SP-3 S. Floor @ 4'

Soil Matrix:

Date Received:03.25.19 07.35

Lab Sample Id: 618715-008

Date Collected: 03.19.19 12.39

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE % Moisture:

CHE

Analyst:

03.26.19 08.40

Basis: Wet Weight

Seq Number: 3083494

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 202 | 5.04 | mg/kg | 03.26.19 11.35 | | 1 |

Date Prep:

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

ARM

% Moisture:

ARM Analyst:

Tech:

03.28.19 07.00 Date Prep:

Basis: Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | | mg/kg | 03.28.19 14.30 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | 258 | 15.0 | | mg/kg | 03.28.19 14.30 | | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | 24.4 | 15.0 | | mg/kg | 03.28.19 14.30 | | 1 |
| Total TPH | PHC635 | 282 | 15.0 | | mg/kg | 03.28.19 14.30 | | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 79 | % | 70-135 | 03.28.19 14.30 | | |
| o-Terphenyl | | 84-15-1 | 97 | % | 70-135 | 03.28.19 14.30 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Sample Id: SP-3 S. Floor @ 4'

ALJ

Analytical Method: BTEX by EPA 8021B

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618715-008

Date Collected: 03.19.19 12.39

Prep Method: SW5030B

03.28.19 17.00

% Moisture:

Tech: ALJ

Analyst:

Date Prep:

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00198 | 0.00198 | | mg/kg | 03.29.19 22.34 | U | 1 |
| Toluene | 108-88-3 | < 0.00198 | 0.00198 | | mg/kg | 03.29.19 22.34 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00198 | 0.00198 | | mg/kg | 03.29.19 22.34 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00397 | 0.00397 | | mg/kg | 03.29.19 22.34 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00198 | 0.00198 | | mg/kg | 03.29.19 22.34 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00198 | 0.00198 | | mg/kg | 03.29.19 22.34 | U | 1 |
| Total BTEX | | < 0.00198 | 0.00198 | | mg/kg | 03.29.19 22.34 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | | 540-36-3 | 98 | % | 70-130 | 03.29.19 22.34 | | |
| 4-Bromofluorobenzene | | 460-00-4 | 132 | % | 70-130 | 03.29.19 22.34 | ** | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

03.26.19 08.40

Sample Id: SP-4 Floor @ 3'

Soil Matrix:

Date Received:03.25.19 07.35

Lab Sample Id: 618715-009

Date Collected: 03.19.19 13.14

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

CHE Analyst:

Date Prep:

Basis:

Wet Weight

Seq Number: 3083494

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 7.50 | 4.99 | mg/kg | 03.26.19 11.41 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

% Moisture:

Tech: Analyst: ARMARM

03.28.19 07.00 Date Prep:

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | | mg/kg | 03.28.19 14.51 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | | mg/kg | 03.28.19 14.51 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | | mg/kg | 03.28.19 14.51 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | | mg/kg | 03.28.19 14.51 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 88 | % | 70-135 | 03.28.19 14.51 | | |
| o-Terphenyl | | 84-15-1 | 87 | % | 70-135 | 03.28.19 14.51 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Sample Id: SP-4 Floor @ 3'

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618715-009

Date Collected: 03.19.19 13.14

Prep Method: SW5030B

% Moisture:

Tech: AI

Analyst:

ALJ ALJ

Analytical Method: BTEX by EPA 8021B

Date Prep: 03.28.19 17.00

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00198 | 0.00198 | | mg/kg | 03.29.19 22.53 | U | 1 |
| Toluene | 108-88-3 | < 0.00198 | 0.00198 | | mg/kg | 03.29.19 22.53 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00198 | 0.00198 | | mg/kg | 03.29.19 22.53 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00397 | 0.00397 | | mg/kg | 03.29.19 22.53 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00198 | 0.00198 | | mg/kg | 03.29.19 22.53 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00198 | 0.00198 | | mg/kg | 03.29.19 22.53 | U | 1 |
| Total BTEX | | < 0.00198 | 0.00198 | | mg/kg | 03.29.19 22.53 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | | 540-36-3 | 100 | % | 70-130 | 03.29.19 22.53 | | |
| 4-Bromofluorobenzene | | 460-00-4 | 146 | % | 70-130 | 03.29.19 22.53 | ** | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Sample Id: SP-5 Floor @ 3'

CHE

Matrix: Soil Date Received:03.25.19 07.35

Lab Sample Id: 618715-010

Date Collected: 03.19.19 13.17

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst:

Tech:

Date Prep:

% Moisture:

Seq Number: 3083494

03.26.19 08.40

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------------|------|-----|
| Chloride | 16887-00-6 | 10.1 | 4.95 | mg/kg | 03.26.19 11.48 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

ARM

03.28.19 07.00

% Moisture:

70-135

ARM Analyst: Seq Number: 3083750

o-Terphenyl

Basis: Wet Weight

03.28.19 15.11

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | | mg/kg | 03.28.19 15.11 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | | mg/kg | 03.28.19 15.11 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | | mg/kg | 03.28.19 15.11 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | | mg/kg | 03.28.19 15.11 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 85 | % | 70-135 | 03.28.19 15.11 | | |

83

Date Prep:

84-15-1





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Sample Id: SP-5 Floor @ 3'

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618715-010

Date Collected: 03.19.19 13.17

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: ALJ

% Moisture:

Analyst: ALJ

Date Prep:

03.28.19 17.00

Basis: Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 23.12 | U | 1 |
| Toluene | 108-88-3 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 23.12 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 23.12 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00398 | 0.00398 | | mg/kg | 03.29.19 23.12 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 23.12 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 23.12 | U | 1 |
| Total BTEX | | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 23.12 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | | 460-00-4 | 148 | % | 70-130 | 03.29.19 23.12 | ** | |
| 1,4-Difluorobenzene | | 540-36-3 | 100 | % | 70-130 | 03.29.19 23.12 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Sample Id: SP-6 Floor @ 3'

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618715-011

Date Collected: 03.19.19 13.20

Prep Method: E300P

Analytical Method: Chloride by EPA 300

% Moisture:

Tech:

CHE

% Mois

Analyst: CHE

Date Prep:

03.26.19 08.40

Basis:

Wet Weight

Seq Number: 3083494

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 82.7 | 4.99 | mg/kg | 03.26.19 11.55 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

ARM

% Moisture:

Analyst: ARM

Tech:

Date Prep: 03.28.19 07.00

Basis: Wet

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | | mg/kg | 03.28.19 15.31 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | | mg/kg | 03.28.19 15.31 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | | mg/kg | 03.28.19 15.31 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | | mg/kg | 03.28.19 15.31 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 93 | % | 70-135 | 03.28.19 15.31 | | |
| o-Terphenyl | | 84-15-1 | 95 | % | 70-135 | 03.28.19 15.31 | | |





Date Received:03.25.19 07.35

Wet Weight

Basis:

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

03.28.19 17.00

Sample Id: SP-6 Floor @ 3' Matrix: Soil

Lab Sample Id: 618715-011 Date Collected: 03.19.19 13.20

Analytical Method: BTEX by EPA 8021B Prep Method: SW5030B

Date Prep:

Tech: ALJ % Moisture:

Seq Number: 3083870

Analyst:

ALJ

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 23.31 | U | 1 |
| Toluene | 108-88-3 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 23.31 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 23.31 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00398 | 0.00398 | | mg/kg | 03.29.19 23.31 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 23.31 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 23.31 | U | 1 |
| Total BTEX | | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 23.31 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | | 460-00-4 | 150 | % | 70-130 | 03.29.19 23.31 | ** | |
| 1 4-Difluorobenzene | | 540-36-3 | 100 | % | 70-130 | 03 29 19 23 31 | | |



Flagging Criteria





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

BRL Below Reporting Limit.

RL Reporting Limit

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

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

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample BLK Method Blank

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

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

- + NELAC certification not offered for this compound.
- * (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

^{**} Surrogate recovered outside laboratory control limit.



QC Summary 618715

Trinity Oilfield Services & Rentals, LLC

Red Tank 30-31 St. Com 24Y

Analytical Method: Chloride by EPA 300

Seq Number: 3083327

7674284-1-BLK

Matrix: Solid

99

Prep Method: Date Prep:

Limits

E300P

03.25.19

MB Sample Id:

LCS Sample Id:

247

7674284-1-BKS

248

LCSD Sample Id: 7674284-1-BSD %RPD RPD Limit Units

Analysis

Parameter Chloride

MR Spike Result Amount

< 5.00

LCS LCS Result %Rec

LCSD LCSD %Rec Result

99 90-110 0 20

Date 03.25.19 23:18

Flag

Analytical Method: Chloride by EPA 300

3083494

Matrix: Solid

Spike

250

Amount

250

Prep Method: Date Prep:

E300P 03.26.19

mg/kg

Seq Number: MB Sample Id:

7674320-1-BLK

LCS Sample Id: 7674320-1-BKS

LCSD Sample Id: 7674320-1-BSD

Parameter

MB

LCS LCS %Rec

LCSD Result

Limits LCSD

%RPD RPD Limit Units

Analysis

Chloride

< 0.858

Result

Result 254

102

%Rec 252 101

90-110

20 mg/kg

Flag Date

03.26.19 10:15

Analytical Method: Chloride by EPA 300

3083327

Matrix: Soil

Prep Method: Date Prep:

E300P

Seq Number: Parent Sample Id:

618713-034

MS Sample Id:

618713-034 S

03.25.19

Parent Spike Result

MS MS

MSD

MSD %Rec

%RPD RPD Limit Units Limits

0

1

0

MSD Sample Id: 618713-034 SD

mg/kg

Analysis Flag

Parameter

Amount 6.19 250

Result %Rec 248 97

MS Sample Id:

MS

449

MS

441

Result

Result

Result 249

97 90-110 20

Date 03.26.19 11:21

Chloride

Analytical Method: Chloride by EPA 300 Seq Number:

Parent Sample Id:

Parameter

Chloride

3083327 618714-009 Matrix: Soil

MS

90

%Rec

618714-009 S

MSD

Result

453

MSD

%Rec

92

Prep Method: Date Prep:

MSD Sample Id:

%RPD RPD Limit Units

E300P

03.25.19

618714-009 SD

Parent

Result

Parent

Result

196

223

Spike

250

Amount

Spike

250

Amount

Matrix: Soil

MS

98

%Rec

MSD

Result

443

Limits

90-110

Limits

90-110

20

mg/kg

mg/kg

Date 03.26.19 11:33

Date

03.26.19 10:35

Analysis

Analytical Method: Chloride by EPA 300

Seq Number: Parent Sample Id:

Parameter

Chloride

3083494 618715-002

MS Sample Id:

618715-002 S

MSD

%Rec

99

Prep Method: Date Prep:

%RPD RPD Limit Units

20

E300P

03.26.19

MSD Sample Id: 618715-002 SD Analysis Flag

Flag

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

Log Difference

[D] = 100*(C-A) / B[D] = 100 * (C) / [B]

RPD = 200* | (C-E) / (C+E) |Log Diff. = Log(Sample Duplicate) - Log(Original Sample) LCS = Laboratory Control Sample A = Parent Result = MS/LCS Result = MSD/LCSD Result

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



QC Summary 618715

Trinity Oilfield Services & Rentals, LLC

Red Tank 30-31 St. Com 24Y

Analytical Method: Chloride by EPA 300

618716-001

3083494 Matrix: Soil

MS Sample Id: 618716-001 S

E300P Prep Method:

Date Prep: 03.26.19

MSD Sample Id: 618716-001 SD

MS Parent Spike MS Limits %RPD RPD Limit Units **MSD** MSD Analysis Flag **Parameter** Result Amount Result Date %Rec %Rec Result Chloride 340 90-110 03.26.19 12:08 12.7 250 315 121 131 8 20 mg/kg X

Analytical Method: TPH By SW8015 Mod

3083750

Matrix: Solid

LCS

TX1005P Prep Method:

Seq Number:

Seq Number:

Parent Sample Id:

LCSD LCSD

Date Prep:

%RPD RPD Limit Units

03.28.19

MB Sample Id:

7674566-1-BLK

MB

Spike

LCS

LCS Sample Id: 7674566-1-BKS

Limits

LCSD Sample Id: 7674566-1-BSD

Analysis

| Parameter | MB Result | Spike Amount | Result | %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------------------------------|--------------|-----------------|----------|------|----------------|--------------|--------|------|-----------|-------|------------------|------|
| Gasoline Range Hydrocarbons (GRO) | < 8.00 | 1000 | 939 | 94 | 945 | 95 | 70-135 | 1 | 20 | mg/kg | 03.28.19 08:06 | |
| Diesel Range Organics (DRO) | < 8.13 | 1000 | 958 | 96 | 981 | 98 | 70-135 | 2 | 20 | mg/kg | 03.28.19 08:06 | |
| Surrogate | MB %Rec | MB Flag | LC %F | | LCS Flag | LCSD %Rec | | _ | Limits | Units | Analysis Date | |
| 1-Chlorooctane | 94 | | 12 | 27 | | 126 | | 7 | 0-135 | % | 03.28.19 08:06 | |
| o-Terphenyl | 97 | | 10 |)6 | | 120 | | 7 | 0-135 | % | 03.28.19 08:06 | |

Analytical Method: TPH By SW8015 Mod

Seq Number: 3083750

Matrix: Soil

Prep Method:

TX1005P

Date Prep:

03.28.19

Parent Sample Id:

619079-002

MS Sample Id: 619079-002 S

MSD Sample Id: 619079-002 SD

Flag

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limi | t Units | Analysis Date |
|-----------------------------------|------------------|-----------------|--------------|------------|---------------|-------------|--------|------|----------|---------|------------------|
| Gasoline Range Hydrocarbons (GRO) | < 7.99 | 999 | 1010 | 101 | 1020 | 102 | 70-135 | 1 | 20 | mg/kg | 03.28.19 09:22 |
| Diesel Range Organics (DRO) | < 8.12 | 999 | 1030 | 103 | 1040 | 104 | 70-135 | 1 | 20 | mg/kg | 03.28.19 09:22 |

| Surrogate | MS MS %Rec Flag | MSD MSD %Rec Flag | Limits | Units | Analysis Date |
|----------------|--------------------|----------------------|--------|-------|------------------|
| 1-Chlorooctane | 125 | 123 | 70-135 | % | 03.28.19 09:22 |
| o-Terphenyl | 119 | 113 | 70-135 | % | 03.28.19 09:22 |

Flag

Flag

Flag



QC Summary 618715

Trinity Oilfield Services & Rentals, LLC

Red Tank 30-31 St. Com 24Y

Analytical Method:BTEX by EPA 8021BPrep Method:SW5030BSeq Number:3083870Matrix:SolidDate Prep:03.28.19

MB Sample Id: 7674629-1-BLK LCS Sample Id: 7674629-1-BKS LCSD Sample Id: 7674629-1-BSD

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date |
|--------------|--------------|-----------------|---------------|-------------|----------------|--------------|--------|------|-----------|-------|------------------|
| Benzene | < 0.000386 | 0.100 | 0.102 | 102 | 0.105 | 105 | 70-130 | 3 | 35 | mg/kg | 03.29.19 04:17 |
| Toluene | < 0.000457 | 0.100 | 0.100 | 100 | 0.103 | 103 | 70-130 | 3 | 35 | mg/kg | 03.29.19 04:17 |
| Ethylbenzene | < 0.000567 | 0.100 | 0.107 | 107 | 0.110 | 110 | 70-130 | 3 | 35 | mg/kg | 03.29.19 04:17 |
| m,p-Xylenes | < 0.00102 | 0.201 | 0.206 | 102 | 0.212 | 106 | 70-130 | 3 | 35 | mg/kg | 03.29.19 04:17 |
| o-Xylene | < 0.000346 | 0.100 | 0.107 | 107 | 0.110 | 110 | 70-130 | 3 | 35 | mg/kg | 03.29.19 04:17 |
| | | | | | | | | | | | |

LCSD MB MB LCS LCS LCSD Limits Units Analysis **Surrogate** Flag %Rec Flag Flag Date %Rec %Rec 1,4-Difluorobenzene 94 99 99 70-130 03.29.19 04:17 % 130 03.29.19 04:17 4-Bromofluorobenzene 122 128 70-130 %

Seq Number: 3084057 Matrix: Solid Date Prep: 03.29.19
MB Sample Id: 7674756-1-BLK LCS Sample Id: 7674756-1-BSD

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Lim | it Units | Analysis Date |] |
|--------------|--------------|-----------------|---------------|-------------|----------------|--------------|--------|------|---------|----------|------------------|---|
| Benzene | < 0.000383 | 0.0994 | 0.102 | 103 | 0.101 | 101 | 70-130 | 1 | 35 | mg/kg | 03.29.19 19:23 | |
| Toluene | < 0.000453 | 0.0994 | 0.105 | 106 | 0.104 | 104 | 70-130 | 1 | 35 | mg/kg | 03.29.19 19:23 | |
| Ethylbenzene | < 0.000561 | 0.0994 | 0.0998 | 100 | 0.0991 | 99 | 70-130 | 1 | 35 | mg/kg | 03.29.19 19:23 | |
| m,p-Xylenes | < 0.00101 | 0.199 | 0.202 | 102 | 0.202 | 101 | 70-130 | 0 | 35 | mg/kg | 03.29.19 19:23 | |
| o-Xylene | < 0.000342 | 0.0994 | 0.102 | 103 | 0.103 | 103 | 70-130 | 1 | 35 | mg/kg | 03.29.19 19:23 | |

| Surrogate | MB %Rec | MB Flag | LCS %Rec | LCS Flag | LCSD %Rec | LCSD Flag | Limits | Units | Analysis Date |
|----------------------|------------|------------|-------------|-------------|--------------|--------------|--------|-------|------------------|
| 1,4-Difluorobenzene | 91 | | 98 | | 101 | | 70-130 | % | 03.29.19 19:23 |
| 4-Bromofluorobenzene | 86 | | 94 | | 107 | | 70-130 | % | 03.29.19 19:23 |

Analytical Method: BTEX by EPA 8021B Prep Method: SW5030B

 Seq Number:
 3083870
 Matrix:
 Soil
 Date Prep:
 03.28.19

 Parent Sample Id:
 618714-014
 MS Sample Id:
 618714-014 S
 MSD Sample Id:
 618714-014 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Lim | it Units | Analysis Date |
|--------------|------------------|-----------------|--------------|------------|---------------|-------------|--------|------|---------|----------|------------------|
| Benzene | < 0.000383 | 0.0994 | 0.0919 | 92 | 0.0976 | 98 | 70-130 | 6 | 35 | mg/kg | 03.29.19 04:55 |
| Toluene | < 0.000453 | 0.0994 | 0.0907 | 91 | 0.0946 | 95 | 70-130 | 4 | 35 | mg/kg | 03.29.19 04:55 |
| Ethylbenzene | < 0.000561 | 0.0994 | 0.0967 | 97 | 0.0999 | 100 | 70-130 | 3 | 35 | mg/kg | 03.29.19 04:55 |
| m,p-Xylenes | < 0.00101 | 0.199 | 0.189 | 95 | 0.193 | 97 | 70-130 | 2 | 35 | mg/kg | 03.29.19 04:55 |
| o-Xylene | < 0.000342 | 0.0994 | 0.0992 | 100 | 0.101 | 101 | 70-130 | 2 | 35 | mg/kg | 03.29.19 04:55 |

| Surrogate | MS %Rec | MS Flag | MSD %Rec | MSD Flag | Limits | Units | Analysis Date |
|----------------------|------------|------------|-------------|-------------|--------|-------|------------------|
| 1,4-Difluorobenzene | 102 | | 103 | | 70-130 | % | 03.29.19 04:55 |
| 4-Bromofluorobenzene | 144 | ** | 144 | ** | 70-130 | % | 03.29.19 04:55 |

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference [D] = 100*(C-A) / B RPD = 200* | (C-E) / (C+E) | [D] = 100 * (C) / [B]

Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample

A = Parent Result C = MS/LCS Result

E = MSD/LCSD Result

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



Seq Number:

Parent Sample Id:

QC Summary 618715

Trinity Oilfield Services & Rentals, LLC

Red Tank 30-31 St. Com 24Y

Analytical Method: BTEX by EPA 8021B

618714-015

3084057 Matrix: Soil

Prep Method: SW5030B Date Prep: 03.29.19

Matrix: Soil Date Prep: 03.29.19

MS Sample Id: 618714-015 S MSD Sample Id: 618714-015 SD

| <u>.</u> | | | | - | | | | | - | | | |
|----------------------|------------------|-----------------|--------------|------------|---------------|-------------|--------|------|-----------|-------|------------------|------|
| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
| Benzene | < 0.000383 | 0.0996 | 0.0799 | 80 | 0.0886 | 89 | 70-130 | 10 | 35 | mg/kg | 03.29.19 20:01 | |
| Toluene | < 0.000454 | 0.0996 | 0.0809 | 81 | 0.0906 | 91 | 70-130 | 11 | 35 | mg/kg | 03.29.19 20:01 | |
| Ethylbenzene | < 0.000563 | 0.0996 | 0.0726 | 73 | 0.0836 | 84 | 70-130 | 14 | 35 | mg/kg | 03.29.19 20:01 | |
| m,p-Xylenes | < 0.00101 | 0.199 | 0.146 | 73 | 0.169 | 85 | 70-130 | 15 | 35 | mg/kg | 03.29.19 20:01 | |
| o-Xylene | < 0.000343 | 0.0996 | 0.0745 | 75 | 0.0863 | 87 | 70-130 | 15 | 35 | mg/kg | 03.29.19 20:01 | |
| Surrogate | | | | IS Rec | MS Flag | MSD %Red | | _ | Limits | Units | Analysis Date | |
| 1,4-Difluorobenzene | | | 10 | 01 | | 101 | | 7 | 0-130 | % | 03.29.19 20:01 | |
| 4-Bromofluorobenzene | | | 10 | 07 | | 106 | | 7 | 0-130 | % | 03.29.19 20:01 | |
| | | | | | | | | | | | | |

| - | | *********** | ASSESSED NA | USPINION | ROCKSONS |
|---|---|-------------|-------------|----------|----------|
| - | | | 77 | | |
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| | m | O | | | |
| 0 | | | | | |

P.O. Box 2587

Ben J. Arguijo

Red Tank 31 St. Com 24Y

Sample ID

SP-1 E. Wall @ 4'

SP-1 E. Floor @ 4'

SP-1 W. Wall @ 4'

SP-1 W. Floor @ 4'

SP-2 N. Wall @ 4'

SP-2 N. Floor @ 4'

SP-3 S. Wall @ 4'

SP-3 S. Floor @ 4'

SP-4 Floor @ 3'

SP-5 Floor @ 3'

Reg. Program / Clean-up Std

DW NPDES LPST DryCln

Relinguished by

Invoice To: Oxy - Wade Dittrich (575)390-2828

Hobbs

Address:

PM/Attn:

Project ID:

Sampler Name:

John Klepper

Sample

2

5

6

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9

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Other:

-3

CTLs TRRP

City:

Trinity Oilfield Services & Rentals, LLC

Charge Codes: OP57182239 1214877 01040502

CHAIN OF CUSTODY RECORD

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QA/QC Level & Certification

4:28

1 2 3 4 CLP AFCEE QAPP

NELAC DoD-ELAP Other:

03-20-19

GC

8015M

Lab Only:

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XLS Other:

(575)390-7208

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

88241

Monthly

N/A

Fax:

Zip:

Email: wade.dittrich@oxy.com &

ben@trinityoilfieldservices.com

Quote #:

PO#:

Annua!

Code 1

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State: NM

Circle One Event: Daily Weekly

Collect

Time

1057

1054

1108

1106

1141

1339

1240

1239

1314

1317

Affiliation

STATE for Certs & Regs

FL TX GA NC SC NJ PA OK

Quartely Semi-Annual

Date

3/19/19

3/19/19

3/19/19

3/19/19

3/19/19

3/19/19

3/19/19

3/19/19

3/19/19

3/19/19

LA AL NM Other:

LAB W.O#:

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

ANALYSES REQUESTED

TAT Work Days = D Need results by:

GC

GC

Chloride

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EDDs

ADaPT SEDD ERPIMS

Received by

COC & Labels

Affiliation

incomplete

Unclear

2.72

Match

Absent

Field billable Hrs:

' Container Type Codes ES Encore Sampler AC ΤB

Vial Amber Vial Clear Vial Pre-preserved GA Glass Ambei GC Glass Clear Glass Amber ZΒ PA Plastic Amber PC Plastic Clear

TerraCore Sampler Air Canister Tedlar Bag Zip Lock Bag Plastic Clear

J. MCAA

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

E. HCL

F. MeOH

A None

B. HNO₃

SL

| C. H₂SÕ₄ D. NaOH O. | G. Na ₂ S ₂ O ₃ H. NaHSO ₄ | K. ZnAc&NaOH L Asbc Acid&NaOH |
|---------------------------|---|----------------------------------|
| | | |

^ Matrix Type Codes GW Ground Water S Soil/Sediment/Solid WW Waste Water W Wipe DW Drinking Water

SW Surface Water Oil

OW Ocean/Sea Water T Tissue Product-Liquid U Urine Product-Solid В Sludge

REMARKS

Page 34

36

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1.001

Coolers Temp °C Lab Use Only YES NO N

> Non-Conformances found? Samples intact upon arrival? Received on Wet Ice?

abeled with proper preservatives Received within holding time? Custody seals intact?

VOCs rec'd w/o headspace? Proper containers used?

pH verified-acceptable, excl VOCs Received on time to meet HTs?

C.O.C. Serial #

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

| M | | | 4 | | |
|---|----|---|-----|----|----------------|
| | • | 3 | . 1 | | |
| L | | | | | Annual Control |
| П | 7. | | | O. | 14 |
| | | | | | |

CHAIN OF CUSTODY RECORD

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

Page 2 of 2

1019715

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

LAB W.O#: <u>U</u>

| ompar | Trinity Oilfield Services & Rentals, | LLC | | Phone: | (575)39 | 90-7208 | TAT Work Days = D Need results by: Time: | | | | | | | | Time | | | PA Plastic Amber PC Plastic Clear PC Plastic Clear Other |
|----------|--|----------|-------------------------|----------|------------|------------|--|-----------|---------|----------------|---------|------------------|------------------|-----|--------|-------------|--------------------------------|---|
| ddress | | | | Fax: | | | | | | | 2D 3D 4 | | | | | | | Size(s): 2oz, 4oz, 8oz, 16oz, 32oz , 1Gal 40ml, 125 ml, 250 ml, 500 ml, 1L, Other |
| ity: | Hobbs | | State: NM | Zip: | 88241 | | | | | ANA | ALYSE | SREC | UEST | ED | | | | ** Preservative Type Codes |
| M/Attn | : Ben J. Arguijo | | Email: wade ben@trinity | | | | Cont Type * VC | GC | GC | GC | | | | | | | | A. None E. HCL I. Ice B. HNO ₃ F. MeOH J. MCAA |
| roject | ID: Red Tank 31 St. Com 24Y | | | PO#: | | | Pres Type** | | , | | | | | | | | | C. H ₂ SÕ ₄ G. Na ₂ S ₂ O ₃ K. ZnAc&NaOH D. NaOH H. NaHSO ₄ L. Asbc Acid&NaOH |
| voice | To: _Oxy - Wade Dittrich (575)390-2828 | 3 | | Quote #: | | | 6 | | | | | | | | | | # % | 0 |
| ample | Charge Codes: OP57182239 121 | | 502 Event: Daily | Mookh | Month | hr | Example Votatiles by 8260 | 2M | | . 0 | | | | | | | Run R | ^ Matrix Type Codes GW Ground Water S Soil/Sediment/Solid |
| | r Name: epper | | emi-Annual | | | У | ampl ss by | TPH 8015M | втех | Chloride | | | | | | 8 T 3. | ES E | WW Waste Water W Wipe DW Drinking Water A Air SW Surface Water O Oil |
| # | Sample ID | Collect | Collect | Matrix | | | Ex | TPH | | ゔ | | | | | | | Hold Sa N.L Highest TPH, | OW Ocean/Sea Water T Tissue PL Product-Liquid U Urine |
| Sample # | | Date | Time | Code ^ | | 8 8 8 | | | | | | | | | | | S High | PS Product-Solid A. B Blood Adda SL Sludge Other |
| Ø | | 1 1 1 1 | | | | | # Cont | Lab Onl | y: | | | | | | | | | REMARKS |
| _1 | SP-6 Floor @ 3' | 3/19/19 | 1320 | S | | 1 | | X | Х | Х | | | | | | | | |
| _2 | | | | | | | | | ř | | | | | | | | | |
| _3 | | | | | | | 10.1 | | | | | | | | | | | |
| _4 | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | |
| 7 | | | | <u> </u> | | | | | | | | | | | | | | 5 |
| 8 | | | | | | | | | | | | | | | | | | |
| 9 | <u></u> | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| 0 | Reg. Program / Clean-up Std | STATE | for Certs 8 | . Reas | OΑ | ICIC Levis | el & Certifi | lcation | | EDDs | | coc s | Labels | ſ | colers | Temp | 4 | Lab Use Only YES NO N/ |
| CTLs | TRRP DW NPDES LPST DryCln | FL TX GA | NC SC NJ | | 1 <u>2</u> | 3 4 CL | P AFCEE C | | | SEDD | ERPIMS | Match I | ncomplete | 12: | | | • | Non-Conformances found? |
| Other: | ↑ / / Relinquished by | LA AL NM | Other: Affilia | tjon | | DoD-ELA | P Other: Tir | ne | XLS Oth | er: eceived | by | Absent Affili | Unclear ation | | ile | _3 T | ime | Samples intact upon arrival? Received on Wet Ice? |
| | John nepper | | Mini | Ty | | | 63-a | 019 | Br | ittar | IY COY | N | B | 3/2 | 1/19 | 4 | i30 | Received on Wet Ice? Labeled with proper preservatives? Received within holding time? Custody seals intact? VOCs rec'd w/o headspace? Proper containers used? |
| 2 | Brittany Cox | | MS | | 4. | 30_ | <u> </u> | • | | | | | | | | <u> </u> | | Custody seals intact? VOCs rec'd w/o headspace? |
| 3 | | | | | <u> </u> | | | | | | | ļ . | | | | <u> </u> | | Proper containers used? pH verified-acceptable, excl VOCs? Received on time to meet HTs? |
| 4 | W. | | | | | | | | | | | | | | | | | Received oil fille to lifeet H+S? |

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

C.O.C. Serial #

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

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age 35 of 36



XENCO Laboratories Prelogin/Nonconformance Report- Sample Log-In



Client: Trinity Oilfield Services & Rentals, LLC

Date/ Time Received: 03/25/2019 07:35:00 AM

Acceptable Temperature Range: 0 - 6 degC Air and Metal samples Acceptable Range: Ambient

Work Order #: 618715

Temperature Measuring device used: R8

| Sample Receipt Checklist | Comments |
|--|---|
| | 2.7 |
| n? | Yes |
| | Yes |
| ntainer/ cooler? | N/A |
| es? | N/A |
| | N/A |
| | Yes |
| | No |
| uished/ received? | Yes |
| le labels/matrix? | Yes |
| ? | Yes |
| ? | Yes |
| | Yes |
| | Yes |
| ted test(s)? | Yes |
| e? | Yes |
| | N/A |
| dspace? | N/A |
| elivery of samples prior to placing in | n the refrigerator |
| Brille Tall Brianna Teel Hely Taylor | Date: 03/25/2019 Date: 03/26/2019 |
| | ntainer/ cooler? es? uished/ received? le labels/matrix? ? ted test(s)? e? dspace? elivery of samples prior to placing in PH Device/Lot#: |

Holly Taylor



Certificate of Analysis Summary 618716

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Project Name: Red Tank 30-31 ST. Com 24Y



Project Id:

Contact: Ben Arguijo

Project Location:

Date Received in Lab: Mon Mar-25-19 07:35 am

Report Date: 01-APR-19 **Project Manager:** Holly Taylor

| | 1 1 | | | | | | | | | | | | |
|------------------------------------|------------|------------------|------------------|-----------------|------------------------------|--------------|-----------|---------------------|-----------|-----------------|-----------|-----------------|----------|
| | Lab Id: | 618716-0 | 001 | 618716-0 | 002 | 618716-0 | 003 | 618716- | 004 | 618716- | 005 | 618716-0 | 006 |
| Analysis Requested | Field Id: | SP-1 E. Wall | @ 1.5' | SP-1 W. Wal | 1 @ 1.5' | SP-2 N. Wall | @ 1.5' | SP-3 S. Wall @ 1.5' | | SP-4 NE. Wa | 11 @ 1.5' | SP-5 SE. Wal | 1 @ 1.5' |
| Anutysis Requesteu | Depth: | | | | | | | | | | | | |
| | Matrix: | SOIL | , | SOIL | , | SOIL | , | SOIL | , | SOIL | | SOIL | , |
| | Sampled: | Mar-22-19 | Mar-22-19 09:25 | | 09:27 | Mar-22-19 | 09:31 | Mar-22-19 | 09:30 | Mar-22-19 09:36 | | Mar-22-19 | 09:47 |
| BTEX by EPA 8021B | Extracted: | Mar-29-19 | Mar-29-19 16:00 | | 16:00 | Mar-29-19 | 16:00 | Mar-29-19 | 16:00 | Mar-29-19 | 16:00 | Mar-29-19 | 16:00 |
| | Analyzed: | Mar-29-19 | 22:50 | Mar-29-19 | -29-19 23:09 Mar-29-19 23:28 | | Mar-29-19 | 23:47 | Mar-30-19 | 00:06 | Mar-30-19 | 01:20 | |
| | Units/RL: | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL |
| Benzene | · | < 0.00202 | 0.00202 | < 0.00201 | 0.00201 | < 0.00200 | 0.00200 | < 0.00199 | 0.00199 | < 0.00200 | 0.00200 | < 0.00198 | 0.00198 |
| Toluene | | 0.00428 | 0.00202 | < 0.00201 | 0.00201 | < 0.00200 | 0.00200 | < 0.00199 | 0.00199 | < 0.00200 | 0.00200 | < 0.00198 | 0.00198 |
| Ethylbenzene | | < 0.00202 | 0.00202 | < 0.00201 | 0.00201 | < 0.00200 | 0.00200 | < 0.00199 | 0.00199 | < 0.00200 | 0.00200 | < 0.00198 | 0.00198 |
| m,p-Xylenes | | < 0.00403 | <0.00403 0.00403 | | 0.00402 | < 0.00401 | 0.00401 | < 0.00398 | 0.00398 | < 0.00399 | 0.00399 | < 0.00397 | 0.00397 |
| o-Xylene | | <0.00202 0.00202 | | < 0.00201 | 0.00201 | < 0.00200 | 0.00200 | < 0.00199 | 0.00199 | < 0.00200 | 0.00200 | < 0.00198 | 0.00198 |
| Total Xylenes | | < 0.00202 | 0.00202 | < 0.00201 | 0.00201 | < 0.00200 | 0.00200 | < 0.00199 | 0.00199 | < 0.00200 | 0.00200 | < 0.00198 | 0.00198 |
| Total BTEX | | 0.00428 | 0.00202 | < 0.00201 | 0.00201 | < 0.00200 | 0.00200 | < 0.00199 | 0.00199 | < 0.00200 | 0.00200 | < 0.00198 | 0.00198 |
| Chloride by EPA 300 | Extracted: | Mar-26-19 | 08:40 | Mar-26-19 08:40 | | Mar-26-19 | 08:40 | Mar-26-19 | 08:40 | Mar-26-19 08:40 | | Mar-26-19 08:40 | |
| | Analyzed: | Mar-26-19 | 12:01 | Mar-26-19 | 12:22 | Mar-26-19 | 12:28 | Mar-26-19 | 12:48 | Mar-26-19 | 12:55 | Mar-26-19 | 13:01 |
| | Units/RL: | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL |
| Chloride | | 12.7 | 4.99 | 25.6 | 4.99 | 34.2 | 4.96 | 42.4 | 4.98 | 19.7 | 4.95 | 27.7 | 4.98 |
| TPH By SW8015 Mod | Extracted: | Mar-29-19 | 07:00 | Mar-29-19 | 07:00 | Mar-29-19 | 07:00 | Mar-29-19 | 10:00 | Mar-28-19 | 07:00 | Mar-26-19 | 16:00 |
| | Analyzed: | Mar-29-19 | 20:06 | Mar-29-19 | 20:25 | Mar-29-19 | 20:44 | Mar-29-19 | 23:36 | Mar-28-19 | 15:51 | Mar-27-19 | 08:20 |
| | Units/RL: | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL |
| Gasoline Range Hydrocarbons (GRO) | | <15.0 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | <14.9 | 14.9 |
| Diesel Range Organics (DRO) | | <15.0 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | <14.9 | 14.9 |
| Motor Oil Range Hydrocarbons (MRO) | | <15.0 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | <14.9 | 14.9 |
| Total TPH | | <15.0 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | <14.9 | 14.9 |

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

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

Holly Taylor



Certificate of Analysis Summary 618716

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Project Name: Red Tank 30-31 ST. Com 24Y



Project Id:

Contact: Ben Arguijo

Project Location:

Date Received in Lab: Mon Mar-25-19 07:35 am

Report Date: 01-APR-19 **Project Manager:** Holly Taylor

| | 1 | | | | | | | | | l | | |
|------------------------------------|------------|--------------|---------|-----------------|---------|-----------|---------|-------------|-----------|-----------------|-----------|--|
| | Lab Id: | 618716-0 | 007 | 618716-0 | 800 | 618716-0 | 009 | 618716- | 010 | 618716- | 011 | |
| Analysis Requested | Field Id: | SP-6 S. Wall | @ 1.5' | SP-7 @ | 1.5' | SP-7 @ | 4' | SP-7 NW. Wa | 11 @ 1.5' | SP-7 NW. W | 'all @ 4' | |
| Anatysis Requested | Depth: | | | | | | | | | | | |
| | Matrix: | SOIL | | SOIL | , | SOIL | , | SOIL | , | SOIL | | |
| | Sampled: | Mar-22-19 | 09:28 | Mar-22-19 | 09:52 | Mar-22-19 | 10:00 | Mar-22-19 | 09:55 | Mar-22-19 | 10:04 | |
| BTEX by EPA 8021B | Extracted: | Mar-29-19 | 16:00 | Mar-29-19 | 16:00 | Mar-29-19 | 16:00 | Mar-29-19 | 16:00 | Mar-29-19 | 16:00 | |
| | Analyzed: | Mar-30-19 | 01:39 | Mar-30-19 | 01:58 | Mar-30-19 | 02:17 | Mar-30-19 | 02:36 | Mar-30-19 | 02:55 | |
| | Units/RL: | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | |
| Benzene | | < 0.00200 | 0.00200 | < 0.00201 | 0.00201 | < 0.00199 | 0.00199 | < 0.00200 | 0.00200 | < 0.00198 | 0.00198 | |
| Toluene | | < 0.00200 | 0.00200 | < 0.00201 | 0.00201 | < 0.00199 | 0.00199 | < 0.00200 | 0.00200 | < 0.00198 | 0.00198 | |
| Ethylbenzene | | < 0.00200 | 0.00200 | < 0.00201 | 0.00201 | 0.0140 | 0.00199 | < 0.00200 | 0.00200 | < 0.00198 | 0.00198 | |
| m,p-Xylenes | | < 0.00401 | 0.00401 | < 0.00402 | 0.00402 | 0.157 | 0.00398 | < 0.00399 | 0.00399 | < 0.00397 | 0.00397 | |
| o-Xylene | | < 0.00200 | 0.00200 | < 0.00201 | 0.00201 | 0.147 | 0.00199 | < 0.00200 | 0.00200 | < 0.00198 | 0.00198 | |
| Total Xylenes | | < 0.00200 | 0.00200 | < 0.00201 | 0.00201 | 0.304 | 0.00199 | < 0.00200 | 0.00200 | < 0.00198 | 0.00198 | |
| Total BTEX | | < 0.00200 | 0.00200 | < 0.00201 | 0.00201 | 0.318 | 0.00199 | < 0.00200 | 0.00200 | < 0.00198 | 0.00198 | |
| Chloride by EPA 300 | Extracted: | Mar-26-19 | 08:40 | Mar-26-19 08:40 | | Mar-26-19 | 08:40 | Mar-26-19 | 08:40 | Mar-26-19 09:00 | | |
| | Analyzed: | Mar-26-19 | 13:08 | Mar-26-19 | 13:15 | Mar-26-19 | 13:21 | Mar-26-19 | 13:28 | Mar-26-19 | 09:33 | |
| | Units/RL: | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | |
| Chloride | | 26.2 | 5.02 | 26.2 | 4.96 | 37.5 | 4.96 | 21.0 | 5.01 | < 5.04 | 5.04 | |
| TPH By SW8015 Mod | Extracted: | Mar-26-19 | 16:00 | Mar-26-19 | 16:00 | Mar-26-19 | 16:00 | Mar-26-19 | 16:00 | Mar-26-19 | 16:00 | |
| | Analyzed: | Mar-27-19 | 08:39 | Mar-27-19 | 08:59 | Mar-27-19 | 09:18 | Mar-27-19 | 09:38 | Mar-27-19 | 09:57 | |
| | Units/RL: | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | |
| Gasoline Range Hydrocarbons (GRO) | | <15.0 | 15.0 | <15.0 | 15.0 | 68.8 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | |
| Diesel Range Organics (DRO) | | <15.0 | 15.0 | <15.0 | 15.0 | 1290 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | |
| Motor Oil Range Hydrocarbons (MRO) | | <15.0 | 15.0 | <15.0 | 15.0 | 402 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | |
| Total TPH | | <15.0 | 15.0 | <15.0 | 15.0 | 1760 | 15.0 | <15.0 | 15.0 | <15.0 | 15.0 | |

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

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

Holly Taylor Project Manager

Analytical Report 618716

for

Trinity Oilfield Services & Rentals, LLC

Project Manager: Ben Arguijo Red Tank 30-31 ST. Com 24Y

01-APR-19

Collected By: Client





1211 W. Florida Ave Midland TX 79701

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

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

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

Xenco-Tampa: Florida (E87429), North Carolina (483) Xenco-Lakeland: Florida (E84098)





01-APR-19

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

Reference: XENCO Report No(s): 618716

Red Tank 30-31 ST. Com 24Y

Project Address:

Ben Arguijo:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 618716. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

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

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 618716 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

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

Respectfully,

Holly Taylor

Project Manager

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

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Sample Cross Reference 618716



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

| Sample Id | Matrix | Date Collected | Sample Depth | Lab Sample Id |
|----------------------|--------|-----------------------|--------------|---------------|
| SP-1 E. Wall @ 1.5' | S | 03-22-19 09:25 | | 618716-001 |
| SP-1 W. Wall @ 1.5' | S | 03-22-19 09:27 | | 618716-002 |
| SP-2 N. Wall @ 1.5' | S | 03-22-19 09:31 | | 618716-003 |
| SP-3 S. Wall @ 1.5' | S | 03-22-19 09:30 | | 618716-004 |
| SP-4 NE. Wall @ 1.5' | S | 03-22-19 09:36 | | 618716-005 |
| SP-5 SE. Wall @ 1.5' | S | 03-22-19 09:47 | | 618716-006 |
| SP-6 S. Wall @ 1.5' | S | 03-22-19 09:28 | | 618716-007 |
| SP-7 @ 1.5' | S | 03-22-19 09:52 | | 618716-008 |
| SP-7 @ 4' | S | 03-22-19 10:00 | | 618716-009 |
| SP-7 NW. Wall @ 1.5' | S | 03-22-19 09:55 | | 618716-010 |
| SP-7 NW. Wall @ 4' | S | 03-22-19 10:04 | | 618716-011 |

CASE NARRATIVE

Client Name: Trinity Oilfield Services & Rentals, LLC

Project Name: Red Tank 30-31 ST. Com 24Y

Project ID: Report Date: 01-APR-19
Work Order Number(s): 618716
Date Received: 03/25/2019

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3083494 Chloride by EPA 300

Lab Sample ID 618716-001 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Chloride recovered above QC limits in the Matrix Spike and Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 618716-001, -002, -003, -004, -005, -006, -007, -008, -009, -010.

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

Batch: LBA-3084057 BTEX by EPA 8021B

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

Samples affected are: 618716-009.

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





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

Sample Id: SP-1 E. Wall @ 1.5'

Soil Matrix:

Date Received:03.25.19 07.35

Lab Sample Id: 618716-001

Date Collected: 03.22.19 09.25

Analytical Method: Chloride by EPA 300

Prep Method: E300P

CHE

% Moisture:

Tech:

Analyst:

CHE

Date Prep: 03.26.19 08.40 Basis:

Wet Weight

Seq Number: 3083494

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 12.7 | 4.99 | mg/kg | 03.26.19 12.01 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

ARM

Tech: Analyst:

ARM

03.29.19 07.00 Date Prep:

% Moisture: Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | | mg/kg | 03.29.19 20.06 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | | mg/kg | 03.29.19 20.06 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | | mg/kg | 03.29.19 20.06 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | | mg/kg | 03.29.19 20.06 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 90 | % | 70-135 | 03.29.19 20.06 | | |
| o-Terphenyl | | 84-15-1 | 92 | % | 70-135 | 03.29.19 20.06 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

Sample Id: SP-1 E. Wall @ 1.5'

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618716-001

Date Collected: 03.22.19 09.25

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SCM

% Moisture:

Analyst: SCM

Date Prep: 03.29.19 16.00

Basis: Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00202 | 0.00202 | | mg/kg | 03.29.19 22.50 | U | 1 |
| Toluene | 108-88-3 | 0.00428 | 0.00202 | | mg/kg | 03.29.19 22.50 | | 1 |
| Ethylbenzene | 100-41-4 | < 0.00202 | 0.00202 | | mg/kg | 03.29.19 22.50 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00403 | 0.00403 | | mg/kg | 03.29.19 22.50 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00202 | 0.00202 | | mg/kg | 03.29.19 22.50 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00202 | 0.00202 | | mg/kg | 03.29.19 22.50 | U | 1 |
| Total BTEX | | 0.00428 | 0.00202 | | mg/kg | 03.29.19 22.50 | | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | | 540-36-3 | 100 | % | 70-130 | 03.29.19 22.50 | | |
| 4-Bromofluorobenzene | | 460-00-4 | 112 | % | 70-130 | 03.29.19 22.50 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

Sample Id: SP-1 W. Wall @ 1.5'

Soil Matrix:

Date Received:03.25.19 07.35

Lab Sample Id: 618716-002

Date Collected: 03.22.19 09.27

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Date Prep:

% Moisture:

Analyst:

CHE

03.26.19 08.40

Basis:

Wet Weight

Seq Number: 3083494

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 25.6 | 4.99 | mg/kg | 03.26.19 12.22 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

% Moisture:

Tech: Analyst: ARMARM

03.29.19 07.00 Date Prep:

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | | mg/kg | 03.29.19 20.25 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | | mg/kg | 03.29.19 20.25 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | | mg/kg | 03.29.19 20.25 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | | mg/kg | 03.29.19 20.25 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 90 | % | 70-135 | 03.29.19 20.25 | | |
| o-Terphenyl | | 84-15-1 | 91 | % | 70-135 | 03.29.19 20.25 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

Sample Id: SP-1 W. Wall @ 1.5'

SCM

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618716-002

Date Collected: 03.22.19 09.27

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SCM

Analyst:

Date Prep: 03.29.19 16.00

% Moisture:

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00201 | 0.00201 | | mg/kg | 03.29.19 23.09 | U | 1 |
| Toluene | 108-88-3 | < 0.00201 | 0.00201 | | mg/kg | 03.29.19 23.09 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00201 | 0.00201 | | mg/kg | 03.29.19 23.09 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00402 | 0.00402 | | mg/kg | 03.29.19 23.09 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00201 | 0.00201 | | mg/kg | 03.29.19 23.09 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00201 | 0.00201 | | mg/kg | 03.29.19 23.09 | U | 1 |
| Total BTEX | | < 0.00201 | 0.00201 | | mg/kg | 03.29.19 23.09 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | | 540-36-3 | 99 | % | 70-130 | 03.29.19 23.09 | | |
| 4-Bromofluorobenzene | | 460-00-4 | 107 | % | 70-130 | 03.29.19 23.09 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

Sample Id: SP-2 N. Wall @ 1.5'

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618716-003

Date Collected: 03.22.19 09.31

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

Analyst: CHE

Date Prep: 03.26.19 08.40

Basis:

Wet Weight

Seq Number: 3083494

 Parameter
 Cas Number
 Result
 RL
 Units
 Analysis Date
 Flag
 Dil

 Chloride
 16887-00-6
 34.2
 4.96
 mg/kg
 03.26.19 12.28
 1

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

Tech: ARM

% Moisture:

Analyst: ARM

Date Prep: 03.29.19 07.00

Basis: Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | | mg/kg | 03.29.19 20.44 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | | mg/kg | 03.29.19 20.44 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | | mg/kg | 03.29.19 20.44 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | | mg/kg | 03.29.19 20.44 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 90 | % | 70-135 | 03.29.19 20.44 | | |
| o-Terphenyl | | 84-15-1 | 91 | % | 70-135 | 03.29.19 20.44 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

03.29.19 16.00

Sample Id: SP-2 N. Wall @ 1.5'

SCM

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618716-003

Date Collected: 03.22.19 09.31

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SCM

Analyst:

Date Prep:

% Moisture:

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 23.28 | U | 1 |
| Toluene | 108-88-3 | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 23.28 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 23.28 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00401 | 0.00401 | | mg/kg | 03.29.19 23.28 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 23.28 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 23.28 | U | 1 |
| Total BTEX | | < 0.00200 | 0.00200 | | mg/kg | 03.29.19 23.28 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | | 540-36-3 | 98 | % | 70-130 | 03.29.19 23.28 | | |
| 4-Bromofluorobenzene | | 460-00-4 | 107 | % | 70-130 | 03.29.19 23.28 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

03.26.19 08.40

Sample Id: SP-3 S. Wall @ 1.5'

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618716-004

Date Collected: 03.22.19 09.30

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

Analyst: CHE

Basis:

Wet Weight

Seq Number: 3083494

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 42.4 | 4.98 | mg/kg | 03.26.19 12.48 | | 1 |

Date Prep:

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

% Moisture:

Tech:
Analyst:

ARM ARM

Date Prep: 03.29.19 10.00

Basis: Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | | mg/kg | 03.29.19 23.36 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | | mg/kg | 03.29.19 23.36 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | | mg/kg | 03.29.19 23.36 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | | mg/kg | 03.29.19 23.36 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 91 | % | 70-135 | 03.29.19 23.36 | | |
| o-Terphenyl | | 84-15-1 | 92 | % | 70-135 | 03.29.19 23.36 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

Sample Id: SP-3 S. Wall @ 1.5'

Soil Matrix:

Date Received:03.25.19 07.35

Lab Sample Id: 618716-004

Date Collected: 03.22.19 09.30

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech:

SCM

% Moisture:

70-130

SCM Analyst:

Date Prep:

03.29.19 16.00

Basis: Wet Weight

03.29.19 23.47

Seq Number: 3084057

1,4-Difluorobenzene

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------------|------|-----|
| Benzene | 71-43-2 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 23.47 | U | 1 |
| Toluene | 108-88-3 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 23.47 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 23.47 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00398 | 0.00398 | | mg/kg | 03.29.19 23.47 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 23.47 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 23.47 | U | 1 |
| Total BTEX | | < 0.00199 | 0.00199 | | mg/kg | 03.29.19 23.47 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | | 460-00-4 | 110 | % | 70-130 | 03.29.19 23.47 | | |

540-36-3





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

Sample Id: SP-4 NE. Wall @ 1.5'

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618716-005

Date Collected: 03.22.19 09.36

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

Analyst: CHE

Date Prep:

03.26.19 08.40

Basis: Wet Weight

Seq Number: 3083494

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------------|------|-----|
| Chloride | 16887-00-6 | 19.7 | 4.95 | mg/kg | 03.26.19 12.55 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

% Moisture:

Tech:
Analyst:

ARM ARM

Date Prep: 03.28.19 07.00

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | | mg/kg | 03.28.19 15.51 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | | mg/kg | 03.28.19 15.51 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | | mg/kg | 03.28.19 15.51 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | | mg/kg | 03.28.19 15.51 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 92 | % | 70-135 | 03.28.19 15.51 | | |
| o-Terphenyl | | 84-15-1 | 94 | % | 70-135 | 03.28.19 15.51 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

Sample Id: SP-4 NE. Wall @ 1.5'

Matrix: Soil

Date Prep:

Date Received:03.25.19 07.35

Lab Sample Id: 618716-005

Date Collected: 03.22.19 09.36

Prep Method: SW5030B

T--1. SCM

Analytical Method: BTEX by EPA 8021B

% Moisture:

Tech: Analyst: SCM SCM

03.29.19 16.00

Basis: V

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00200 | 0.00200 | | mg/kg | 03.30.19 00.06 | U | 1 |
| Toluene | 108-88-3 | < 0.00200 | 0.00200 | | mg/kg | 03.30.19 00.06 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00200 | 0.00200 | | mg/kg | 03.30.19 00.06 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00399 | 0.00399 | | mg/kg | 03.30.19 00.06 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00200 | 0.00200 | | mg/kg | 03.30.19 00.06 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00200 | 0.00200 | | mg/kg | 03.30.19 00.06 | U | 1 |
| Total BTEX | | < 0.00200 | 0.00200 | | mg/kg | 03.30.19 00.06 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | | 540-36-3 | 98 | % | 70-130 | 03.30.19 00.06 | | |
| 4-Bromofluorobenzene | | 460-00-4 | 105 | % | 70-130 | 03.30.19 00.06 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

Sample Id: SP-5 SE. Wall @ 1.5'

Analytical Method: Chloride by EPA 300

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618716-006

Date Collected: 03.22.19 09.47

Prep Method: E300P

% Moisture:

Tech: CHE

Analyst:

CHE

Date Prep: 03.26.19 08.40

Basis:

Wet Weight

Seq Number: 3083494

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 27.7 | 4.98 | mg/kg | 03.26.19 13.01 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

% Moisture:

Tech: Analyst: ARM ARM

Date Prep: 03.26.19 16.00

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <14.9 | 14.9 | | mg/kg | 03.27.19 08.20 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <14.9 | 14.9 | | mg/kg | 03.27.19 08.20 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <14.9 | 14.9 | | mg/kg | 03.27.19 08.20 | U | 1 |
| Total TPH | PHC635 | <14.9 | 14.9 | | mg/kg | 03.27.19 08.20 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 82 | % | 70-135 | 03.27.19 08.20 | | |
| o-Terphenyl | | 84-15-1 | 81 | % | 70-135 | 03.27.19 08.20 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

03.29.19 16.00

Sample Id: SP-5 SE. Wall @ 1.5'

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618716-006

Date Collected: 03.22.19 09.47

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SCM

% Moisture:

Analyst: SCM

Date Prep:

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00198 | 0.00198 | | mg/kg | 03.30.19 01.20 | U | 1 |
| Toluene | 108-88-3 | < 0.00198 | 0.00198 | | mg/kg | 03.30.19 01.20 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00198 | 0.00198 | | mg/kg | 03.30.19 01.20 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00397 | 0.00397 | | mg/kg | 03.30.19 01.20 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00198 | 0.00198 | | mg/kg | 03.30.19 01.20 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00198 | 0.00198 | | mg/kg | 03.30.19 01.20 | U | 1 |
| Total BTEX | | < 0.00198 | 0.00198 | | mg/kg | 03.30.19 01.20 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | | 460-00-4 | 101 | % | 70-130 | 03.30.19 01.20 | | |
| 1,4-Difluorobenzene | | 540-36-3 | 97 | % | 70-130 | 03.30.19 01.20 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

Sample Id: **SP-6 S. Wall** @ **1.5**'

Analytical Method: Chloride by EPA 300

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618716-007

Date Collected: 03.22.19 09.28

Prep Method: E300P

% Moisture:

Tech: CHE

Analyst:

CHE

Date Prep: 03.26.19 08.40

Basis:

Wet Weight

Seq Number: 3083494

 Parameter
 Cas Number
 Result
 RL
 Units
 Analysis Date
 Flag
 Dil

 Chloride
 16887-00-6
 26.2
 5.02
 mg/kg
 03.26.19 13.08
 1

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

% Moisture:

Tech: Analyst: ARM ARM

Date Prep:

03.26.19 16.00

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | | mg/kg | 03.27.19 08.39 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | | mg/kg | 03.27.19 08.39 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | | mg/kg | 03.27.19 08.39 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | | mg/kg | 03.27.19 08.39 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 82 | % | 70-135 | 03.27.19 08.39 | | |
| o-Terphenyl | | 84-15-1 | 83 | % | 70-135 | 03.27.19 08.39 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

Sample Id: SP-6 S. Wall @ 1.5'

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618716-007

Date Collected: 03.22.19 09.28

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SCM

% Moisture:

Analyst: SCM

Date Prep:

03.29.19 16.00

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00200 | 0.00200 | | mg/kg | 03.30.19 01.39 | U | 1 |
| Toluene | 108-88-3 | < 0.00200 | 0.00200 | | mg/kg | 03.30.19 01.39 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00200 | 0.00200 | | mg/kg | 03.30.19 01.39 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00401 | 0.00401 | | mg/kg | 03.30.19 01.39 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00200 | 0.00200 | | mg/kg | 03.30.19 01.39 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00200 | 0.00200 | | mg/kg | 03.30.19 01.39 | U | 1 |
| Total BTEX | | < 0.00200 | 0.00200 | | mg/kg | 03.30.19 01.39 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | | 460-00-4 | 100 | % | 70-130 | 03.30.19 01.39 | | |
| 1,4-Difluorobenzene | | 540-36-3 | 97 | % | 70-130 | 03.30.19 01.39 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

Sample Id: SP-7 @ 1.5'

Soil Matrix:

Date Received:03.25.19 07.35

Lab Sample Id: 618716-008

Date Collected: 03.22.19 09.52

Prep Method: E300P

Tech:

CHE

Analytical Method: Chloride by EPA 300

% Moisture:

CHE

Analyst:

Date Prep:

03.26.19 08.40

Basis:

Wet Weight

Seq Number: 3083494

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 26.2 | 4.96 | mg/kg | 03.26.19 13.15 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

ARM

% Moisture:

ARM Analyst:

Tech:

03.26.19 16.00 Date Prep:

Basis: Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | | mg/kg | 03.27.19 08.59 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | | mg/kg | 03.27.19 08.59 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | | mg/kg | 03.27.19 08.59 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | | mg/kg | 03.27.19 08.59 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 82 | % | 70-135 | 03.27.19 08.59 | | |
| o-Terphenyl | | 84-15-1 | 82 | % | 70-135 | 03.27.19 08.59 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

Sample Id: SP-7 @ 1.5'

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618716-008

Date Collected: 03.22.19 09.52

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SCM

Date Prep:

% Moisture:

Analyst: S

SCM

03.29.19 16.00

Basis: Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------------|------|-----|
| Benzene | 71-43-2 | < 0.00201 | 0.00201 | | mg/kg | 03.30.19 01.58 | U | 1 |
| Toluene | 108-88-3 | < 0.00201 | 0.00201 | | mg/kg | 03.30.19 01.58 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00201 | 0.00201 | | mg/kg | 03.30.19 01.58 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00402 | 0.00402 | | mg/kg | 03.30.19 01.58 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00201 | 0.00201 | | mg/kg | 03.30.19 01.58 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00201 | 0.00201 | | mg/kg | 03.30.19 01.58 | U | 1 |
| Total BTEX | | < 0.00201 | 0.00201 | | mg/kg | 03.30.19 01.58 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | | 460-00-4 | 106 | % | 70-130 | 03.30.19 01.58 | | |
| 1,4-Difluorobenzene | | 540-36-3 | 99 | % | 70-130 | 03.30.19 01.58 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

Soil

SP-7 @ 4' Sample Id:

Matrix:

Date Received:03.25.19 07.35

Lab Sample Id: 618716-009

Date Collected: 03.22.19 10.00

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

CHE

% Moisture:

Analyst: Seq Number: 3083494 Date Prep:

03.26.19 08.40

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 37.5 | 4.96 | mg/kg | 03.26.19 13.21 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

% Moisture:

Tech: Analyst: ARMARM

03.26.19 16.00 Date Prep:

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | 68.8 | 15.0 | | mg/kg | 03.27.19 09.18 | | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | 1290 | 15.0 | | mg/kg | 03.27.19 09.18 | | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | 402 | 15.0 | | mg/kg | 03.27.19 09.18 | | 1 |
| Total TPH | PHC635 | 1760 | 15.0 | | mg/kg | 03.27.19 09.18 | | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 89 | % | 70-135 | 03.27.19 09.18 | | |
| o-Terphenyl | | 84-15-1 | 114 | % | 70-135 | 03.27.19 09.18 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

Soil

Sample Id: SP-7 @ 4'

Matrix:

Date Received:03.25.19 07.35

Lab Sample Id: 618716-009

Date Collected: 03.22.19 10.00

Prep Method: SW5030B

Analytical Method: BTEX by EPA 8021B

% Moisture:

Tech: Analyst: SCM SCM

Date Prep: 03.29.19 16.00

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00199 | 0.00199 | | mg/kg | 03.30.19 02.17 | U | 1 |
| Toluene | 108-88-3 | < 0.00199 | 0.00199 | | mg/kg | 03.30.19 02.17 | U | 1 |
| Ethylbenzene | 100-41-4 | 0.0140 | 0.00199 | | mg/kg | 03.30.19 02.17 | | 1 |
| m,p-Xylenes | 179601-23-1 | 0.157 | 0.00398 | | mg/kg | 03.30.19 02.17 | | 1 |
| o-Xylene | 95-47-6 | 0.147 | 0.00199 | | mg/kg | 03.30.19 02.17 | | 1 |
| Total Xylenes | 1330-20-7 | 0.304 | 0.00199 | | mg/kg | 03.30.19 02.17 | | 1 |
| Total BTEX | | 0.318 | 0.00199 | | mg/kg | 03.30.19 02.17 | | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | | 540-36-3 | 97 | % | 70-130 | 03.30.19 02.17 | | |
| 4-Bromofluorobenzene | | 460-00-4 | 162 | % | 70-130 | 03.30.19 02.17 | ** | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

Sample Id: SP-7 NW. Wall @ 1.5'

Analytical Method: Chloride by EPA 300

Matrix: Soil

Date Received:03.25.19 07.35

Lab Sample Id: 618716-010

Date Collected: 03.22.19 09.55

.....

Prep Method: E300P

% Moisture:

Tech: CHE

Analyst:

CHE

Date Prep: 03.26.19 08.40

Basis:

Wet Weight

Seq Number: 3083494

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 21.0 | 5.01 | mg/kg | 03.26.19 13.28 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

% Moisture:

Tech:
Analyst:

ARM ARM

Date Prep: 03.26.19 16.00

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | | mg/kg | 03.27.19 09.38 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | | mg/kg | 03.27.19 09.38 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | | mg/kg | 03.27.19 09.38 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | | mg/kg | 03.27.19 09.38 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 80 | % | 70-135 | 03.27.19 09.38 | | |
| o-Terphenyl | | 84-15-1 | 79 | % | 70-135 | 03.27.19 09.38 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

03.29.19 16.00

Sample Id: SP-7 NW. Wall @ 1.5'

Matrix: Soil

Date Prep:

Date Received:03.25.19 07.35

Lab Sample Id: 618716-010

Date Collected: 03.22.19 09.55

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: SCM

Analyst:

SCM

% Moisture:

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00200 | 0.00200 | | mg/kg | 03.30.19 02.36 | U | 1 |
| Toluene | 108-88-3 | < 0.00200 | 0.00200 | | mg/kg | 03.30.19 02.36 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00200 | 0.00200 | | mg/kg | 03.30.19 02.36 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00399 | 0.00399 | | mg/kg | 03.30.19 02.36 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00200 | 0.00200 | | mg/kg | 03.30.19 02.36 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00200 | 0.00200 | | mg/kg | 03.30.19 02.36 | U | 1 |
| Total BTEX | | < 0.00200 | 0.00200 | | mg/kg | 03.30.19 02.36 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | | 460-00-4 | 112 | % | 70-130 | 03.30.19 02.36 | | |
| 1,4-Difluorobenzene | | 540-36-3 | 100 | % | 70-130 | 03.30.19 02.36 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

Sample Id: SP-7 NW. Wall @ 4'

Soil Matrix:

Date Received:03.25.19 07.35

Lab Sample Id: 618716-011

Date Collected: 03.22.19 10.04

Analytical Method: Chloride by EPA 300

Prep Method: E300P

CHE

% Moisture:

Tech: CHE Analyst:

Date Prep: 03.26.19 09.00 Basis: Wet Weight

Seq Number: 3083390

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | < 5.04 | 5.04 | mg/kg | 03.26.19 09.33 | U | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

% Moisture:

Tech: Analyst: ARMARM

03.26.19 16.00 Date Prep:

Basis: Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | | mg/kg | 03.27.19 09.57 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | | mg/kg | 03.27.19 09.57 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | | mg/kg | 03.27.19 09.57 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | | mg/kg | 03.27.19 09.57 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 83 | % | 70-135 | 03.27.19 09.57 | | |
| o-Terphenyl | | 84-15-1 | 83 | % | 70-135 | 03.27.19 09.57 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 ST. Com 24Y

Sample Id: SP-7 NW. Wall @ 4' Matrix: Soil

Date Prep:

Date Received:03.25.19 07.35

Lab Sample Id: 618716-011

Date Collected: 03.22.19 10.04

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

SCM

% Moisture:

Basis:

Tech: SCM

Analyst:

03.29.19 16.00

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00198 | 0.00198 | | mg/kg | 03.30.19 02.55 | U | 1 |
| Toluene | 108-88-3 | < 0.00198 | 0.00198 | | mg/kg | 03.30.19 02.55 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00198 | 0.00198 | | mg/kg | 03.30.19 02.55 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00397 | 0.00397 | | mg/kg | 03.30.19 02.55 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00198 | 0.00198 | | mg/kg | 03.30.19 02.55 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00198 | 0.00198 | | mg/kg | 03.30.19 02.55 | U | 1 |
| Total BTEX | | < 0.00198 | 0.00198 | | mg/kg | 03.30.19 02.55 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | | 460-00-4 | 107 | % | 70-130 | 03.30.19 02.55 | | |
| 1,4-Difluorobenzene | | 540-36-3 | 100 | % | 70-130 | 03.30.19 02.55 | | |



Flagging Criteria





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

BRL Below Reporting Limit.

RL Reporting Limit

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

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

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample BLK Method Blank

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

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

- + NELAC certification not offered for this compound.
- * (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

^{**} Surrogate recovered outside laboratory control limit.

E300P

E300P

E300P

E300P

03.26.19

Prep Method:

Prep Method:

Prep Method:

Prep Method:

Date Prep:



QC Summary 618716

Trinity Oilfield Services & Rentals, LLC

Red Tank 30-31 ST. Com 24Y

Analytical Method: Chloride by EPA 300

Seq Number: 3083494 Matrix: Solid

LCS Sample Id: LCSD Sample Id: 7674320-1-BSD 7674320-1-BKS MB Sample Id: 7674320-1-BLK

MR Spike LCS LCS Limits %RPD RPD Limit Units LCSD LCSD Analysis Flag **Parameter** Result Amount Result %Rec Date %Rec Result

90-110 03.26.19 10:15 Chloride < 0.858 250 254 102 252 101 20 mg/kg

Analytical Method: Chloride by EPA 300

Seq Number: 3083390 Matrix: Solid Date Prep: 03.26.19

MB Sample Id: 7674322-1-BLK LCS Sample Id: 7674322-1-BKS LCSD Sample Id: 7674322-1-BSD

MB Spike LCS LCS %RPD RPD Limit Units LCSD LCSD Limits Analysis Flag **Parameter** Result %Rec Date Result Amount Result %Rec

Chloride < 5.00 250 245 98 245 98 90-110 0 20 mg/kg 03.26.19 09:22

Analytical Method: Chloride by EPA 300

Seq Number: 3083494 Matrix: Soil 03.26.19 Date Prep:

MS Sample Id: 618715-002 S MSD Sample Id: 618715-002 SD Parent Sample Id: 618715-002

MS %RPD RPD Limit Units Parent Spike MS **MSD MSD** Limits Analysis Flag **Parameter** Result Date Result %Rec Amount Result %Rec

03.26.19 10:35 Chloride 196 250 441 98 443 99 90-110 0 20 mg/kg

Analytical Method: Chloride by EPA 300

Seq Number: 3083494 Matrix: Soil 03.26.19 Date Prep:

618716-001 S MSD Sample Id: 618716-001 SD MS Sample Id: Parent Sample Id: 618716-001

MS MSD %RPD RPD Limit Units Parent Spike MS **MSD** Limits Analysis Flag **Parameter** Result %Rec Date Result Amount Result %Rec Chloride 250 315 121 340 90-110 20 03.26.19 12:08 12.7 131 8 X mg/kg

Analytical Method: Chloride by EPA 300

E300P Prep Method: 3083390 Matrix: Soil Seq Number: Date Prep: 03.26.19

Parent Sample Id: 618716-011 MS Sample Id: 618716-011 S MSD Sample Id: 618716-011 SD

Parent Spike MS MS Limits %RPD RPD Limit Units Analysis **MSD MSD** Flag **Parameter** Result Date Result Amount %Rec Result %Rec Chloride 4.46 252 253 99 251 98 90-110 20 mg/kg 03.26.19 09:39

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

Log Difference

[D] = 100*(C-A) / BRPD = 200* | (C-E) / (C+E) |[D] = 100 * (C) / [B]

Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample A = Parent Result

= MS/LCS Result = MSD/LCSD Result

Flag



QC Summary 618716

Trinity Oilfield Services & Rentals, LLC

Red Tank 30-31 ST. Com 24Y

Analytical Method:TPH By SW8015 ModPrep Method:TX1005PSeq Number:3083540Matrix: SolidDate Prep:03.26.19

MB Sample Id: 7674391-1-BLK LCS Sample Id: 7674391-1-BKS LCSD Sample Id: 7674391-1-BSD

MR Spike LCS LCS Limits %RPD RPD Limit Units LCSD LCSD Analysis Flag **Parameter** Result Amount Result %Rec Date %Rec Result Gasoline Range Hydrocarbons (GRO) 03.27.19 01:54 < 8.00 1000 898 90 937 94 70-135 4 20 mg/kg 992 99 1040 70-135 20 03.27.19 01:54 Diesel Range Organics (DRO) 1000 104 5 < 8.13 mg/kg

MB MB LCS LCS LCSD LCSD Limits Units Analysis **Surrogate** Flag %Rec %Rec Flag %Rec Flag Date 1-Chlorooctane 88 122 114 70-135 % 03.27.19 01:54 o-Terphenyl 90 104 104 70-135 % 03.27.19 01:54

Analytical Method: TPH By SW8015 Mod Prep Method: TX1005P

 Seq Number:
 3083750
 Matrix:
 Solid
 Date Prep:
 03.28.19

 MB Sample Id:
 7674566-1-BLK
 LCS Sample Id:
 7674566-1-BKS
 LCSD Sample Id:
 7674566-1-BSD

LCS %RPD RPD Limit Units MB LCS Spike Limits Analysis **LCSD** LCSD **Parameter** Result Date Result Amount %Rec Result %Rec Gasoline Range Hydrocarbons (GRO) 939 03.28.19 08:06 < 8.00 1000 94 945 95 70-135 20 mg/kg 03.28.19 08:06 Diesel Range Organics (DRO) 1000 958 981 70-135 20 < 8.13 96 98 2 mg/kg

MB MB LCS LCS LCSD LCSD Limits Units Analysis Surrogate %Rec Flag %Rec Flag Flag Date %Rec 1-Chlorooctane 94 127 126 70-135 % 03.28.19 08:06 o-Terphenyl 97 106 120 70-135 % 03.28.19 08:06

Analytical Method:TPH By SW8015 ModPrep Method:TX1005PSeq Number:3084046Matrix: SolidDate Prep:03.29.19

MB Sample Id: 7674697-1-BLK LCS Sample Id: 7674697-1-BKS LCSD Sample Id: 7674697-1-BSD

%RPD RPD Limit Units LCS LCS MB Spike Limits Analysis LCSD LCSD Flag **Parameter** Result **Amount** Result %Rec Date Result %Rec 03.29.19 12:27 Gasoline Range Hydrocarbons (GRO) < 8.00 1000 905 91 940 94 70-135 4 20 mg/kg 1000 1030 70-135 3 20 03.29.19 12:27 Diesel Range Organics (DRO) < 8.13 1000 100 103 mg/kg

MB MB LCS LCS LCSD LCSD Limits Units Analysis Surrogate Flag %Rec %Rec Flag Flag Date %Rec 93 122 124 70-135 03.29.19 12:27 1-Chlorooctane % 97 120 70-135 03.29.19 12:27 o-Terphenyl 117 %

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference
$$\begin{split} [D] &= 100*(\text{C-A}) \, / \, B \\ RPD &= 200* \mid (\text{C-E}) \, / \, (\text{C+E}) \mid \\ [D] &= 100*(\text{C}) \, / \, [\text{B}] \end{split}$$

Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample

A = Parent Result
C = MS/LCS Result

C = MS/LCS Result E = MSD/LCSD Result

TX1005P

TX1005P

TX1005P

Flag

Prep Method:

Prep Method:



QC Summary 618716

Trinity Oilfield Services & Rentals, LLC

Red Tank 30-31 ST. Com 24Y

Analytical Method: TPH By SW8015 Mod Prep Method:

 Seq Number:
 3084047
 Matrix:
 Solid
 Date Prep:
 03.29.19

 MB Sample Id:
 7674698-1-BLK
 LCS Sample Id:
 7674698-1-BKS
 LCSD Sample Id:
 7674698-1-BSD

MR Spike LCS LCS Limits %RPD RPD Limit Units LCSD LCSD Analysis Flag **Parameter** Result Amount Result %Rec Date %Rec Result Gasoline Range Hydrocarbons (GRO) 03.29.19 21:42 < 8.00 1000 958 96 924 92 70-135 4 20 mg/kg 1050 105 1020 20 03.29.19 21:42 Diesel Range Organics (DRO) 1000 102 70-135 3 < 8.13 mg/kg

MB MB LCS LCS LCSD LCSD Limits Units Analysis **Surrogate** %Rec %Rec Flag Flag %Rec Flag Date 1-Chlorooctane 94 122 122 70-135 % 03.29.19 21:42 o-Terphenyl 97 117 104 70-135 % 03.29.19 21:42

Analytical Method: TPH By SW8015 Mod

 Seq Number:
 3083540
 Matrix:
 Soil
 Date Prep:
 03.26.19

 Parent Sample Id:
 618909-001
 MS Sample Id:
 618909-001 S
 MSD Sample Id:
 618909-001 SD

MS %RPD RPD Limit Units MS Parent Spike Limits Analysis **MSD MSD Parameter** Result Date Result Amount %Rec Result %Rec Gasoline Range Hydrocarbons (GRO) <7.98 997 824 83 845 70-135 03.27.19 02:52 85 3 20 mg/kg 03.27.19 02:52 Diesel Range Organics (DRO) < 8.10 997 931 93 957 70-135 20 96 3 mg/kg

MS MS **MSD** MSD Limits Units Analysis Surrogate %Rec Flag Flag Date %Rec 1-Chlorooctane 102 101 70-135 % 03.27.19 02:52 o-Terphenyl 87 89 70-135 % 03.27.19 02:52

Analytical Method: TPH By SW8015 Mod

 Seq Number:
 3083750
 Matrix:
 Soil
 Date Prep:
 03.28.19

 Parent Sample Id:
 619079-002
 MS Sample Id:
 619079-002 SD
 MSD Sample Id:
 619079-002 SD

%RPD RPD Limit Units MS MS Spike Limits Parent **MSD** MSD Analysis Flag **Parameter** Result **Amount** Result %Rec Date Result %Rec 03.28.19 09:22 Gasoline Range Hydrocarbons (GRO) < 7.99 999 1010 101 1020 102 70-135 1 20 mg/kg 70-135 20 03.28.19 09:22 Diesel Range Organics (DRO) < 8.12 999 1030 103 1040 104 1 mg/kg

MS MS **MSD MSD** Limits Units Analysis Surrogate Flag %Rec Flag Date %Rec 125 123 70-135 03.28.19 09:22 1-Chlorooctane % 119 70-135 03.28.19 09:22 o-Terphenyl 113 %

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference
$$\begin{split} [D] &= 100*(C\text{-A}) \, / \, B \\ RPD &= 200* \mid (C\text{-E}) \, / \, (C\text{+E}) \mid \\ [D] &= 100*(C) \, / \, [B] \end{split}$$

Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample

A = Parent Result C = MS/LCS Result

E = MSD/LCS Result E = MSD/LCSD Result



QC Summary 618716

Trinity Oilfield Services & Rentals, LLC

Red Tank 30-31 ST. Com 24Y

Analytical Method: TPH By SW8015 Mod

3084046 Matrix: Soil

Prep Method: TX1005P

Date Prep: 03.29.19

Parent Sample Id: 618714-001

MS Sample Id: 618714-001 S

MSD Sample Id: 618714-001 SD

Spike MS MS Limits %RPD RPD Limit Units Parent **MSD MSD** Analysis Flag **Parameter** Result Amount Result Date %Rec %Rec Result Gasoline Range Hydrocarbons (GRO) 03.29.19 13:24 8.16 997 912 91 915 91 70-135 0 20 mg/kg 997 932 93 939 70-135 20 03.29.19 13:24 Diesel Range Organics (DRO) < 8.10 94 mg/kg

MS MS **MSD MSD** Limits Units Analysis **Surrogate** Flag %Rec %Rec Flag Date 1-Chlorooctane 119 119 70-135 % 03.29.19 13:24 o-Terphenyl 111 109 70-135 % 03.29.19 13:24

Analytical Method: TPH By SW8015 Mod

Seq Number: 3084047

Matrix: Soil

Prep Method:

TX1005P

Parent Sample Id:

Seq Number:

MB Sample Id:

Seq Number:

618899-001

MS Sample Id: 618899-001 S

Date Prep: 03.29.19

MSD Sample Id: 618899-001 SD

Flag

%RPD RPD Limit Units MS MS **Parent** Spike Limits Analysis **MSD MSD Parameter** Result Amount Result %Rec Date Result %Rec Gasoline Range Hydrocarbons (GRO) 8.95 972 03.29.19 22:39 998 96 969 96 70-135 0 20 mg/kg 03.29.19 22:39 Diesel Range Organics (DRO) < 8.11 998 988 99 982 70-135 20 98 mg/kg

MS MS **MSD** MSD Limits Units Analysis Surrogate Flag Flag Date %Rec %Rec 1-Chlorooctane 125 122 70-135 % 03.29.19 22:39 o-Terphenyl 100 99 70-135 % 03.29.19 22:39

Analytical Method: BTEX by EPA 8021B

3084057

7674756-1-BLK

Matrix: Solid LCS Sample Id: 7674756-1-BKS Prep Method:

SW5030B

Date Prep: 03.29.19

LCSD Sample Id: 7674756-1-BSD

%RPD RPD Limit Units LCS LCS MB Spike Limits Analysis LCSD LCSD Flag **Parameter** Result Amount Result %Rec Date %Rec Result 03.29.19 19:23 Benzene < 0.000383 0.0994 0.102 103 0.101 101 70-130 1 35 mg/kg < 0.000453 35 03.29.19 19:23 Toluene 0.0994 0.105 106 0.104 104 70-130 1 mg/kg < 0.000561 0.0991 35 03.29.19 19:23 Ethylbenzene 0.0994 0.0998 100 99 70-130 1 mg/kg 0.202 102 0.202 0 35 03.29.19 19:23 m,p-Xylenes < 0.00101 0.199 101 70-130 mg/kg o-Xylene < 0.000342 0.0994 0.102 103 0.103 103 70-130 35 03.29.19 19:23 mg/kg

MB LCS LCS LCSD Units Analysis MR LCSD Limits **Surrogate** %Rec Flag Date %Rec Flag %Rec Flag 1,4-Difluorobenzene 91 98 101 70-130 % 03.29.19 19:23 86 94 107 70-130 03.29.19 19:23 4-Bromofluorobenzene %

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference
$$\begin{split} [D] &= 100*(\text{C-A}) \, / \, B \\ RPD &= 200* \mid (\text{C-E}) \, / \, (\text{C+E}) \mid \\ [D] &= 100*(\text{C}) \, / \, [\text{B}] \end{split}$$

Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample

A = Parent Result C = MS/LCS Result

E = MS/LCS ResultE = MSD/LCSD Result



Seq Number:

QC Summary 618716

Trinity Oilfield Services & Rentals, LLC

Red Tank 30-31 ST. Com 24Y

Analytical Method: BTEX by EPA 8021B

3084057 Matrix: Soil Prep Method: SW5030B

Date Prep: 03.29.19

MS Sample Id: 618714-015 S Parent Sample Id: 618714-015

MSD Sample Id: 618714-015 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|----------------------|------------------|-----------------|--------------|------------|---------------|-------------|--------|------|-----------|-------|------------------|------|
| Benzene | < 0.000383 | 0.0996 | 0.0799 | 80 | 0.0886 | 89 | 70-130 | 10 | 35 | mg/kg | 03.29.19 20:01 | |
| Toluene | < 0.000454 | 0.0996 | 0.0809 | 81 | 0.0906 | 91 | 70-130 | 11 | 35 | mg/kg | 03.29.19 20:01 | |
| Ethylbenzene | < 0.000563 | 0.0996 | 0.0726 | 73 | 0.0836 | 84 | 70-130 | 14 | 35 | mg/kg | 03.29.19 20:01 | |
| m,p-Xylenes | < 0.00101 | 0.199 | 0.146 | 73 | 0.169 | 85 | 70-130 | 15 | 35 | mg/kg | 03.29.19 20:01 | |
| o-Xylene | < 0.000343 | 0.0996 | 0.0745 | 75 | 0.0863 | 87 | 70-130 | 15 | 35 | mg/kg | 03.29.19 20:01 | |
| Surrogate | | | | IS Rec | MS Flag | MSD %Rec | | _ | Limits | Units | Analysis Date | |
| 1,4-Difluorobenzene | | | 1 | 01 | | 101 | | 7 | 70-130 | % | 03.29.19 20:01 | |
| 4-Bromofluorobenzene | | | 1 | 07 | | 106 | | 7 | 70-130 | % | 03.29.19 20:01 | |

Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

 $LCS = Laboratory\ Control\ Sample$ A = Parent Result

C = MS/LCS Result E = MSD/LCSD Result

| ASSOCIATION ASSOCIATION | | STATE OF THE PARTY | |
|-------------------------|--------------|--|----|
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| labo | 777 | 7.77 | 77 |
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| Environmental | Arberter | Proficed | |

P.O. Box 2587

Ben J. Arguijo

Hobbs

Trinity Oilfield Services & Rentals, LLC

Red Tank 30-31 St. Com 24Y

Sample ID

SP-1 E. Wall @ 1.5'

SP-1 W. Wall @ 1.5'

SP-2 N. Wall @ 1.5'

SP-3 S. Wall @ 1.5'

SP-4 NE Wall @ 1.5'

SP-5 SE Wall @ 1.5'

SP-6 S. Wall @ 1.5'

SP-7 NW Wall @ 1.5'

DW NPDES LPST DryCln

Relinguished by

Reg. Program / Clean-up Std

SP-7 @ 1.5'

SP-7 @ 4'

Charge Codes: OP57182239 1214877 01040502

Invoice To: Oxy - Wade Dittrich (575)390-2828

6

Address:

PM/Attn:

Project ID:

Sampler Name:

John Klepper

Sampli

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City:

CHAIN OF CUSTODY RECORD

(575)390-7208

ont Type

VC

res Type

8260

Example Votatiles by 8.

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OA/OC Level & Certification

1 2 3 4 CLP AFCEE QAPP

NELAC DoD-ELAP Other:

22

GC

8015M

TPH

Lab Only:

X

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Time

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

88241

Monthly

N/A

Phone:

Fax:

Zip:

Email: wade.dittrich@oxy.com &

ben@trinitvoilfieldservices.com

Quote #:

Annual

Code

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State: NM

Circle One Event: Daily Weekly

Collect

Time

0925

0927

0931

0930

0936

0947

0928

0952

1000

0955

rinit

Affiliation

STATE for Certs & Reas

FL TX GA NC SC NJ PA OK

Quartely Semi-Annual

Collect

Date

3/22/19

3/22/19

3/22/19

3/22/19

3/22/19

3/22/19

3/22/19

3/22/19

3/22/19

3/22/19

LA AL NM Other

Page 1 of 2

LAB W.O#: Field billable Hrs:

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

ANALYSES REQUESTED

TAT Work Days = D Need results by:_

GC

BTEX

Х

Χ

X

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XLS Other:

GC

Chloride

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EDDs

ADaPT SEDD ERPIMS

Received by

COC & Labels

Affiliation

Incomplete

Unclear

Match

Absent

Container Type Codes VA Vial Amber Vial Clear Vial Pre-preserved Glass Amber GC Glass Clear Plastic Amber

SW Surface Water

Sludge

Product-Liquid

Product-Solid

PL

PS

PC Plastic Clear

Time:

Coolers Temp 'C

Time

Encore Sampler TS TerraCore Sample AC Air Canister TB Tedlar Bag ZΒ Zip Lock Bag

Plastic Clear

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

| | T 16 | sei vauv | 7 | ype Codes |
|---|--|--|--------|--|
| | A. None B. HNO₃ C. H₂SO₄ D. NaOH O | E. HCL F. MeOH G. Na ₂ S ₂ O ₃ H. NaHSO ₄ | K | Ice MCAA . ZnAc&NaOH Asbc Acid&NaOH |
| 1 | _ | | | |
| 5 | ^ | Matrix T | /p | e Codes |
| | | ound Water | S | Soil/Sediment/Solid |
| 7 | | iste Water nking Water | W A | Wipe Air |
| | | | | |

OW Ocean/Sea Water T Tissue

U Urine

В Blood

| 2005-00000-00 | Other |
|---------------|---------|
| | REMARKS |
| | |
| 100 | |
| | |
| 12.50 | |
| | |
| | |
| | |

Non-Conformances found? Samples intact upon amval? Received on Wet Ice? abeled with proper preservatives? Received within holding time? Custody seals intact? VOCs rec'd w/o headspace? Proper containers used? pH verified-acceptable, excl VOCs? Received on time to meet HTs?

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

C.O.C. Serial #

Lab Use Only

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

of 37

Final 1.000

CTLs. Other:

3

| 4 | N (N) | Santa Sina | Walio Pictor | |
|---------|----------|------------|--------------|-----------|
| | ď | 1 | l e | |
| | | | | |
| | LI | 10 | O | ies |
| Environ | mental : | Asbesto | s Rucii | oche mist |

Sampler Name:

9 0 Trinity Oilfield Services & Rentals, LLC

CHAIN OF CUSTODY RECORD

(575)390-7208

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

Phone:

Circle One Event: Daily Weekly

Page 2 of 2

LAB W.O#:

 Container Type Codes VA Vial Amber Encore Sampler VC Vial Clear TS TerraCore Sample VP Vial Pre-preserved AC Air Canister GA Glass Amber ΤB Tedlar Bag ZΒ

Glass Clear Field billable Hrs: PC Plastic Clear TAT Work Days = D Need results by: Time:

Zip Lock Bag Plastic Amber PC Plastic Clear

GW Ground Water

WW Waste Water

Final 1.000

of 37 36 Page (

S Soil/Sediment/Solid

W Wipe

Address: Fax: Size(s): 2oz, 4oz, 8oz, 16oz, 32oz , 1Gal 40ml, 125 ml, <u>25</u>0 ml, 500 ml, 1L, Other P.O. Box 2587 Std (5-7D) 5Hrs 1D 2D 3D 4D 5D 7D 10D 14D Other City: State: NM Zip: Hobbs 88241 ** Preservative Type Codes ANALYSES REQUESTED PM/Attn: Email: wade.dittrich@oxv.com & ont Type Ben J. Arguijo A. None E. HCL GC ben@trinityoilfieldservices.com GC GC B. HNO₃ F. MeOH J. MCAA G. Na₂S₂O₃ Project ID: PO#: C. H₂SO₄ K. ZnAc&NaOH Red Tank 30-31 St. Com 24Y D. NaOH H. NaHSO4 res Type L Asbc Acid&NaOH Invoice To: Oxy - Wade Dittrich (575)390-2828 Quote #: Charge Codes: OP57182239 1214877 01040502 ^ Matrix Type Codes

Example atries by 8260 8015M Chloride atriles by BTEX John Klepper Quartely Semi-Annual Annual DW Drinking Water SW Surface Water O Oil OW Ocean/Sea Water T Tissue Collect Collect Matrix Sample ID Product-Liquid U Urine 9 Date Time Code Product-Solid B Blood SL Sludge / 80 m Lab Only: REMARKS SP-7 NW Wall @ 4' 3/22/19 1004 S Х Χ 1 5 6 8

Reg. Program / Clean-up Std STATE for Certs & Regs **QA/QC Level & Certification** FDDs COC & Labels Coolers Temp C Lab Use Only YES NO CTLs TRRP DW NPDES LPST DryCln FL TX GA NC SC NJ PA OK 1 2 3 4 CLP AFCEE QAPP ADaPT SEDD ERPIMS Match Non-Conformances found? Incomplete Other LA AL NM Other NELAC DoD-ELAP Other: XLS Other: Absent Unclear Samples intact upon arrival? Relinquished by Affiliation Time Received by Affiliation Time Received on Wet Ice? _abeled with proper preservatives? Received within holding time? Custody seals intact? VOCs rec'd w/o headspace? 3 Proper containers used? pH verified-acceptable, excl VOCs? Received on time to meet HTs?

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

C.O.C. Serial #



XENCO Laboratories Prelogin/Nonconformance Report- Sample Log-In



Client: Trinity Oilfield Services & Rentals, LLC

Date/ Time Received: 03/25/2019 07:35:00 AM

Work Order #: 618716

Acceptable Temperature Range: 0 - 6 degC Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used: R8

| | Sample Receipt Checklist | Comments | | | | |
|--|---|------------------------------------|--|--|--|--|
| #1 *Temperature of cooler(s)? | | 2.7 | | | | |
| #2 *Shipping container in good condition | ? | Yes | | | | |
| #3 *Samples received on ice? | | Yes | | | | |
| #4 *Custody Seals intact on shipping cor | ntainer/ cooler? | N/A | | | | |
| #5 Custody Seals intact on sample bottle | es? | N/A | | | | |
| #6*Custody Seals Signed and dated? | | N/A | | | | |
| #7 *Chain of Custody present? | | Yes | | | | |
| #8 Any missing/extra samples? | | No | | | | |
| #9 Chain of Custody signed when relingu | uished/ received? | Yes | | | | |
| #10 Chain of Custody agrees with sampl | | Yes | | | | |
| #11 Container label(s) legible and intact? | | Yes | | | | |
| #12 Samples in proper container/ bottle? | | Yes | | | | |
| #13 Samples properly preserved? | | Yes | | | | |
| #14 Sample container(s) intact? | | Yes | | | | |
| #15 Sufficient sample amount for indicate | ed test(s)? | Yes | | | | |
| #16 All samples received within hold time | e? | Yes | | | | |
| #17 Subcontract of sample(s)? | | N/A | | | | |
| #18 Water VOC samples have zero head | dspace? | N/A | | | | |
| * Must be completed for after-hours de Analyst: | livery of samples prior to placing in | the refrigerator | | | | |
| Checklist completed by: Checklist reviewed by: | Brianna Teel Hely Taylor Holly Taylor | Date: 03/25/2019 Date: 03/26/2019 | | | | |



Certificate of Analysis Summary 621047

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Project Name: Red Tank 30-31 St. Com 24Y



Project Id: Contact:

Ben Arguijo

Project Location:

Date Received in Lab: Mon Apr-15-19 07:45 am

Report Date: 22-APR-19 **Project Manager:** Holly Taylor

| | 1 1 | | | | | | |
|------------------------------------|------------|-----------------|-----------------|-----------------|---------|--|--|
| | Lab Id: | 621047-0 | 01 | 621047-0 | 002 | | |
| Analysis Requested | Field Id: | SP-2 @ | 5' | SP-2 @ 6 | 5.5' | | |
| Thutysis Requesicu | Depth: | | | | | | |
| | Matrix: | SOIL | | SOIL | | | |
| | Sampled: | Apr-10-19 1 | 14:30 | Apr-11-19 | 14:55 | | |
| BTEX by EPA 8021B | Extracted: | Apr-17-19 13:00 | | Apr-18-19 | 16:30 | | |
| | Analyzed: | Apr-18-19 (| Apr-18-19 03:54 | | 23:54 | | |
| | Units/RL: | mg/kg | RL | mg/kg | RL | | |
| Benzene | | < 0.00200 | 0.00200 | < 0.00202 | 0.00202 | | |
| Toluene | | < 0.00200 | 0.00200 | < 0.00202 | 0.00202 | | |
| Ethylbenzene | | < 0.00200 | 0.00200 | < 0.00202 | 0.00202 | | |
| m,p-Xylenes | | < 0.00401 | 0.00401 | < 0.00403 | 0.00403 | | |
| o-Xylene | | | 0.00200 | < 0.00202 | 0.00202 | | |
| Total Xylenes | | < 0.00200 | 0.00200 | < 0.00202 | 0.00202 | | |
| Total BTEX | | < 0.00200 | 0.00200 | < 0.00202 | 0.00202 | | |
| Chloride by EPA 300 | Extracted: | Apr-19-19 (| 08:30 | Apr-19-19 (| 08:30 | | |
| | Analyzed: | Apr-19-19 | 13:18 | Apr-19-19 13:25 | | | |
| | Units/RL: | mg/kg | RL | mg/kg | RL | | |
| Chloride | | 208 | 4.98 | 37.6 | 5.00 | | |
| TPH By SW8015 Mod | Extracted: | Apr-16-19 | 10:00 | Apr-16-19 | 10:00 | | |
| | Analyzed: | Apr-16-19 | 14:46 | Apr-16-19 | 15:05 | | |
| | Units/RL: | mg/kg | RL | mg/kg | RL | | |
| Gasoline Range Hydrocarbons (GRO) | | <15.0 | 15.0 | <15.0 | 15.0 | | |
| Diesel Range Organics (DRO) | | <15.0 | 15.0 | <15.0 | 15.0 | | |
| Motor Oil Range Hydrocarbons (MRO) | | <15.0 | 15.0 | <15.0 | 15.0 | | |
| Total TPH | | <15.0 | 15.0 | <15.0 | 15.0 | | |

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

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

Holly Taylor Project Manager

Analytical Report 621047

for

Trinity Oilfield Services & Rentals, LLC

Project Manager: Ben Arguijo Red Tank 30-31 St. Com 24Y

22-APR-19

Collected By: Client





1211 W. Florida Ave Midland TX 79701

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

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

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

Xenco-Tampa: Florida (E87429), North Carolina (483) Xenco-Lakeland: Florida (E84098)





22-APR-19

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

Reference: XENCO Report No(s): 621047

Red Tank 30-31 St. Com 24Y

Project Address:

Ben Arguijo:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 621047. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

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

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 621047 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

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

Respectfully,

Holy Taylor

Holly Taylor

Project Manager

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

Certified and approved by numerous States and Agencies.

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

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



Sample Cross Reference 621047



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

| Sample Id | Matrix | Date Collected | Sample Depth | Lab Sample Id |
|-------------|--------|-----------------------|--------------|---------------|
| SP-2 @ 5' | S | 04-10-19 14:30 | | 621047-001 |
| SP-2 @ 6.5' | S | 04-11-19 14:55 | | 621047-002 |

CASE NARRATIVE

Client Name: Trinity Oilfield Services & Rentals, LLC

Project Name: Red Tank 30-31 St. Com 24Y

Project ID: Report Date: 22-APR-19
Work Order Number(s): 621047
Date Received: 04/15/2019

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3086143 BTEX by EPA 8021B

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

Batch: LBA-3086244 BTEX by EPA 8021B

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





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Soil

Sample Id: SP-2 @ 5' Matrix:

Date Received:04.15.19 07.45

Lab Sample Id: 621047-001

Date Collected: 04.10.19 14.30

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

Analyst:

CHE

Date Prep:

04.19.19 08.30

Basis:

Wet Weight

Seq Number: 3086464

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 208 | 4.98 | mg/kg | 04.19.19.13.18 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

Tech: Analyst: ARMARM

04.16.19 10.00 Date Prep:

% Moisture: Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | | mg/kg | 04.16.19 14.46 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | | mg/kg | 04.16.19 14.46 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | | mg/kg | 04.16.19 14.46 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | | mg/kg | 04.16.19 14.46 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 106 | % | 70-135 | 04.16.19 14.46 | | |
| o-Terphenyl | | 84-15-1 | 106 | % | 70-135 | 04.16.19 14.46 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Soil

Sample Id: SP-2 @ 5'

Matrix:

Date Received:04.15.19 07.45

Lab Sample Id: 621047-001

Date Collected: 04.10.19 14.30

Prep Method: SW5030B

T I COM

SCM

Analytical Method: BTEX by EPA 8021B

% Moisture:

Tech: SCM

Analyst:

Date Prep:

04.17.19 13.00

Basis: Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00200 | 0.00200 | | mg/kg | 04.18.19 03.54 | U | 1 |
| Toluene | 108-88-3 | < 0.00200 | 0.00200 | | mg/kg | 04.18.19 03.54 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00200 | 0.00200 | | mg/kg | 04.18.19 03.54 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00401 | 0.00401 | | mg/kg | 04.18.19 03.54 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00200 | 0.00200 | | mg/kg | 04.18.19 03.54 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00200 | 0.00200 | | mg/kg | 04.18.19 03.54 | U | 1 |
| Total BTEX | | < 0.00200 | 0.00200 | | mg/kg | 04.18.19 03.54 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | | 540-36-3 | 101 | % | 70-130 | 04.18.19 03.54 | | |
| 4-Bromofluorobenzene | | 460-00-4 | 99 | % | 70-130 | 04.18.19 03.54 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Sample Id: SP-2 @ 6.5' Matrix:

Soil

Date Received:04.15.19 07.45

Lab Sample Id: 621047-002

Date Collected: 04.11.19 14.55

Prep Method: E300P

Tech: CHE

Analytical Method: Chloride by EPA 300

% Moisture:

CHE Analyst:

Date Prep:

04.19.19 08.30

Basis:

Wet Weight

Seq Number: 3086464

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 37.6 | 5.00 | mg/kg | 04.19.19 13.25 | | 1 |

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

% Moisture:

Tech: Analyst: ARMARM

04.16.19 10.00 Date Prep:

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | | mg/kg | 04.16.19 15.05 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | | mg/kg | 04.16.19 15.05 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | | mg/kg | 04.16.19 15.05 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | | mg/kg | 04.16.19 15.05 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 105 | % | 70-135 | 04.16.19 15.05 | | |
| o-Terphenyl | | 84-15-1 | 106 | % | 70-135 | 04.16.19 15.05 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St. Com 24Y

Soil

Sample Id: SP-2 @ 6.5' Matrix:

Date Received:04.15.19 07.45

Lab Sample Id: 621047-002

Date Collected: 04.11.19 14.55

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

SCM

Date Prep:

% Moisture:

Basis:

Tech: SCM Analyst:

Seq Number: 3086244

04.18.19 16.30

Wet Weight

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|---------------|-------------|-----------|---------|-------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00202 | 0.00202 | mg/kg | 04.18.19 23.54 | U | 1 |
| Toluene | 108-88-3 | < 0.00202 | 0.00202 | mg/kg | 04.18.19 23.54 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00202 | 0.00202 | mg/kg | 04.18.19 23.54 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00403 | 0.00403 | mg/kg | 04.18.19 23.54 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00202 | 0.00202 | mg/kg | 04.18.19 23.54 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00202 | 0.00202 | mg/kg | 04.18.19 23.54 | U | 1 |
| Total BTEX | | < 0.00202 | 0.00202 | mg/kg | 04.18.19 23.54 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|----------------------|------------|---------------|-------|--------|----------------|------|
| 4-Bromofluorobenzene | 460-00-4 | 117 | % | 70-130 | 04.18.19 23.54 | |
| 1,4-Difluorobenzene | 540-36-3 | 103 | % | 70-130 | 04.18.19 23.54 | |



Flagging Criteria



Page 242 of 278

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

BRL Below Reporting Limit.

RL Reporting Limit

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

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

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample BLK Method Blank

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

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

- + NELAC certification not offered for this compound.
- * (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

^{**} Surrogate recovered outside laboratory control limit.



Seq Number:

QC Summary 621047

Trinity Oilfield Services & Rentals, LLC

Red Tank 30-31 St. Com 24Y

LCSD

LCSD

Limits

Analytical Method: Chloride by EPA 300

3086464 Matrix: Solid

Spike

LCS

LCS Sample Id: 7676098-1-BKS MB Sample Id: 7676098-1-BLK

MR

E300P Prep Method:

Prep Method:

Prep Method:

Date Prep: 04.19.19

LCSD Sample Id: 7676098-1-BSD %RPD RPD Limit Units Analysis

E300P

TX1005P

Flag **Parameter** Result Amount Result %Rec Date %Rec Result

04.19.19 10:11 Chloride < 5.00 250 238 95 241 96 90-110 20 mg/kg

LCS

Analytical Method: Chloride by EPA 300

3086464 Matrix: Soil

Seq Number: Date Prep: 04.19.19

Parent Sample Id: 620911-004 MS Sample Id: 620911-004 S MSD Sample Id: 620911-004 SD

Spike MS MS %RPD RPD Limit Units Parent **MSD MSD** Limits Analysis Flag **Parameter** Result Date Result Amount %Rec Result %Rec Chloride 29.6 252 192 64 255 89 90-110 28 20 mg/kg 04.19.19 10:31 XF

Analytical Method: Chloride by EPA 300

Prep Method: E300P Seq Number: 3086464 Matrix: Soil 04.19.19 Date Prep:

MS Sample Id: 620983-016 S MSD Sample Id: 620983-016 SD Parent Sample Id: 620983-016

MS %RPD RPD Limit Units Parent Spike MS **MSD MSD** Limits Analysis Flag **Parameter** Result Date Result %Rec Amount Result %Rec Chloride 11.8 252 180 67 245 93 90-110 31 20 04.19.19 12:33 XF mg/kg

Analytical Method: TPH By SW8015 Mod

Seq Number: 3085985 Matrix: Solid 04.16.19 Date Prep:

MB Sample Id: 7675908-1-BKS LCSD Sample Id: 7675908-1-BSD LCS Sample Id: 7675908-1-BLK

LCS %RPD RPD Limit Units MB Spike LCS LCSD Limits Analysis LCSD Flag **Parameter** Result %Rec Date Result Amount Result %Rec 04.16.19 11:51 Gasoline Range Hydrocarbons (GRO) 975 98 70-135 4 20 < 8.00 1000 1010 101 mg/kg 04.16.19 11:51 1000 100 70-135 2 20 Diesel Range Organics (DRO) 1000 1020 102 < 8.13 mg/kg

LCS LCSD MB MB LCS LCSD Limits Units Analysis **Surrogate** %Rec Flag %Rec Flag Flag Date %Rec 1-Chlorooctane 113 126 129 70-135 % 04.16.19 11:51 04.16.19 11:51 o-Terphenyl 114 119 125 70-135 %

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

[D] = 100*(C-A) / BRPD = 200* | (C-E) / (C+E) |[D] = 100 * (C) / [B]

Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample

A = Parent Result = MS/LCS Result

= MSD/LCSD Result



QC Summary 621047

Trinity Oilfield Services & Rentals, LLC

Red Tank 30-31 St. Com 24Y

Analytical Method: TPH By SW8015 Mod

Seq Number: 3085985 Matrix: Soil

TX1005P Prep Method:

Date Prep: 04.16.19

MS Sample Id: 621042-001 S Parent Sample Id: 621042-001

MSD Sample Id: 621042-001 SD %RPD RPD Limit Units Analysis

Spike MS MS Limits Parent **MSD MSD** Flag **Parameter** Result Amount Result Date %Rec %Rec Result Gasoline Range Hydrocarbons (GRO) 04.16.19 12:49 12.3 997 1010 100 1020 101 70-135 20 mg/kg 997 70-135 20 04.16.19 12:49 Diesel Range Organics (DRO) < 8.10 1070 107 1080 108 mg/kg

MS MS **MSD MSD** Limits Units Analysis Surrogate Flag %Rec %Rec Flag Date 1-Chlorooctane 127 125 70-135 % 04.16.19 12:49 o-Terphenyl 114 121 70-135 % 04.16.19 12:49

Analytical Method: BTEX by EPA 8021B

3086143

Matrix: Solid

Prep Method: Date Prep:

SW5030B

MB Sample Id:

Seq Number:

Seq Number:

MB Sample Id:

7676058-1-BLK

LCS Sample Id: 7676058-1-BKS

04.17.19 LCSD Sample Id: 7676058-1-BSD

Flag

Flag

%RPD RPD Limit Units LCS LCS MB Spike Limits Analysis **LCSD** LCSD **Parameter** Result Amount Result %Rec Date Result %Rec < 0.000388 04.17.19 19:25 Benzene 0.101 0.0880 87 0.0926 93 70-130 5 35 mg/kg Toluene < 0.000459 0.101 0.0889 88 0.0930 93 70-130 35 mg/kg 04.17.19 19:25 5 < 0.000569 04.17.19 19:25 0.101 0.0822 81 70-130 35 Ethylbenzene 0.0855 86 4 mg/kg 04.17.19 19:25 m,p-Xylenes < 0.00102 0.202 0.162 80 0.169 85 70-130 4 35 mg/kg < 0.000347 0.0814 0.0853 70-130 35 04.17.19 19:25 o-Xylene 0.101 85 mg/kg

LCSD MB MB LCS LCS LCSD Limits Units Analysis **Surrogate** %Rec %Rec Flag Flag %Rec Flag Date 1.4-Difluorobenzene 91 99 100 70-130 % 04.17.19 19:25 04.17.19 19:25 4-Bromofluorobenzene 86 89 90 70-130 %

Analytical Method: BTEX by EPA 8021B

3086244

7676130-1-BLK

Matrix: Solid LCS Sample Id:

7676130-1-BKS

Prep Method: Date Prep:

SW5030B 04.18.19

LCSD Sample Id: 7676130-1-BSD

LCS %RPD RPD Limit Units MB Spike LCS LCSD LCSD Limits Analysis **Parameter** Result Amount Result %Rec Date Result %Rec 04.18.19 17:57 0.0805 80 0.0806 0 Benzene < 0.00202 0.101 81 70-130 35 mg/kg Toluene < 0.00202 0.101 0.0874 87 0.0872 87 70-130 0 35 04.18.19 17:57 mg/kg 04.18.19 17:57 Ethylbenzene < 0.00202 0.101 0.0941 93 0.0939 94 70-130 0 35 mg/kg 96 04.18.19 17:57 < 0.00102 0.202 0.194 96 0.192 70-130 35 m,p-Xylenes 1 mg/kg 04.18.19 17:57 0.101 0.0986 70-130 o-Xylene < 0.00202 98 0.0974 98 35 mg/kg

LCS LCSD MB MB LCS LCSD Limits Units Analysis **Surrogate** %Rec Flag %Rec Flag Flag Date %Rec 1,4-Difluorobenzene 104 94 93 70-130 % 04.18.19 17:57 4-Bromofluorobenzene 109 107 105 70-130 % 04.18.19 17:57

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

[D] = 100*(C-A) / BRPD = 200* | (C-E) / (C+E) |[D] = 100 * (C) / [B]

Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample A = Parent Result

= MS/LCS Result = MSD/LCSD Result



QC Summary 621047

Trinity Oilfield Services & Rentals, LLC

Red Tank 30-31 St. Com 24Y

Analytical Method: BTEX by EPA 8021B

3086143 Matrix: Soil Prep Method: Date Prep: 04.17.19

SW5030B

Seq Number: Parent Sample Id: 621042-001

MS Sample Id: 621042-001 S MSD Sample Id: 621042-001 SD

%RPD RPD Limit Units Spike MS MS Limits Parent **MSD MSD** Analysis Flag **Parameter** Result Amount Result Date %Rec %Rec Result < 0.000385 70-130 04.17.19 20:03 Benzene 0.100 0.0829 83 0.0729 73 13 35 mg/kg < 0.000456 83 0.0722 73 70-130 35 04.17.19 20:03 Toluene 0.100 0.0826 13 mg/kg Ethylbenzene < 0.000565 0.0754 75 70-130 35 04.17.19 20:03 X 0.100 0.0653 66 14 mg/kg m,p-Xylenes < 0.00101 0.200 0.149 75 0.128 64 70-130 15 35 04.17.19 20:03 X mg/kg < 0.000344 04.17.19 20:03 X o-Xylene 0.100 0.0756 76 0.0659 66 70-130 14 35 mg/kg

| Surrogate | | MS MSD Slag %Rec | MSD Limits Flag | Units | Analysis Date |
|----------------------|-----|------------------|--------------------|-------|------------------|
| 1,4-Difluorobenzene | 101 | 99 | 70-130 | % | 04.17.19 20:03 |
| 4-Bromofluorobenzene | 99 | 95 | 70-130 | % | 04.17.19 20:03 |

Analytical Method: BTEX by EPA 8021B

3086244

Matrix: Soil

Prep Method:

SW5030B

Seq Number: Parent Sample Id:

621548-002

MS Sample Id: 621548-002 S

Date Prep:

04.18.19

Flag

MSD Sample Id: 621548-002 SD

MS %RPD RPD Limit Units MS Limits Analysis **Parent** Spike **MSD MSD Parameter** Amount Result Date Result %Rec Result %Rec 04.18.19 18:35 < 0.000383 70-130 Benzene 0.0996 0.0775 78 0.0735 74 5 35 mg/kg Toluene < 0.000454 0.0996 0.0789 79 0.0766 77 70-130 3 35 04.18.19 18:35 mg/kg Ethylbenzene < 0.000563 0.0996 0.0798 80 0.0771 77 70-130 3 35 mg/kg 04.18.19 18:35 m,p-Xylenes < 0.00101 0.199 82 79 70-130 35 mg/kg 04.18.19 18:35 0.163 0.1583 < 0.000343 70-130 04.18.19 18:35 o-Xylene 0.0996 0.0831 83 0.0811 81 2 35 mg/kg

| Surrogate | | MSD MSD %Rec | MSD Flag | Limits | Units | Analysis Date |
|----------------------|-----|--------------|-------------|--------|-------|------------------|
| 1,4-Difluorobenzene | 98 | 97 | | 70-130 | % | 04.18.19 18:35 |
| 4-Bromofluorobenzene | 111 | 116 | | 70-130 | % | 04.18.19 18:35 |

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

[D] = 100*(C-A) / BRPD = 200* | (C-E) / (C+E) |[D] = 100 * (C) / [B]

Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample A = Parent Result

= MS/LCS Result E = MSD/LCSD Result

| e 246 of 278 | XE Labor |
|--------------|-------------|
| Pag | Company: |
| | Address: |

City:

PM/Attn:

CHAIN OF CUSTODY RECORD

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

* Container Type Codes Encore Sampler TerraCore Sampler

Final 1.000

Page 14 of 15

VA Vial Amber VC Vial Clear

| ; [OOO]-C | | Phone: | | | | | | | | W.O # illable H | | 20-1 | <u> </u> | GA | Vial Pre-preserved Glass Amber Glass Clear Plastic Amber | TB ZB | Air Canister Tedlar Bag Zip Lock Bag Plastic Clear | • |
|--|-----------------------|--------------------------|---------------------------|-------------|---------|--------|--------|-----------|----|--------------------|------------------------|----------------|----------|-----|---|-------------------|---|----|
| Trinity Oilfield Services & Rentals, LLC | | | (575)390-7208 | TAT W | ork Dav | ys = D | Need r | esults by | /: | | | Time: | | | Plastic Clear | | riastic Clear | |
| P.O. Box 2587 | | Fax: | | 1 | | | | 2D 3D 4 | | 7D 10E |) 14D (| Time. Other | | Siz | ze(s): 2oz, 4oz, 8oz. 1 | 16oz, 32 | oz , 1Gal | |
| Hobbs | State: NM | Zip: | 88241 | | | | | NLYSE | | | INTERNACIONAL SERVICIO | | | | omi, 125 ml, 250 ml, 5 ** Preservati | | | 25 |
| Ben J. Arguijo | Email: wad ben@trinit | e.dittrich yoilfields | @oxy.com & ervices.com | Cont Type * | GC | GC | GC | | | | | | | A. | None E. HCL | I. | Ice | |
| Red Tank 30-31 St. Com 24Y | | PO#: | | Pres Type** | | | | | | | | | | C. | HNO ₃ F. MeOH H ₂ SO ₄ G. Na ₂ S ₂ O NaOH H. NaHSO | O ₃ K. | MCAA ZnAc&NaOH Asbc Acid&Na | |

| Project ID: Red Tank 30-31 St. Com 24Y | | PO#: | Fres Type" | 1 | | | | , | | C. H ₂ SC | ₃ F. MeOH O ₄ G. Na ₂ S ₂ O ₃ H H. NaHSO ₄ | |
|---|---|------------------------------|-----------------|-------|---|-------|--|---|---------|----------------------|--|---|
| Invoice To: Oxy - Wade Dittrich (575)390-2828 Charge Codes: OP57182239 121 | 3 4877 01040502 | Quote #: | 09% | • | | | | | | O | ^ NA~4 :: T | |
| Sampler Name: Felix Palmero | Circle One Event: Daily Quartely Semi-Annual | Weekly Monthly Annual N/A | mple s by 82 | 8015M | Ĕ | oride | | | Segreta | GW (| Waste Water | S Soil/Sedime W Wipe |
| ୍ଷ୍ୟ ତ୍ର ଭି. Sample ID | Collect Collect | Matux Matux Matux (VIN) | Ex. Olatife | TPH | В | S | | | 100 | SW S | Surface Water Ocean/Sea Water | A Air O Oil r T Tissue U Urine |

| | Samp | | Date | lime | Gode * | E E | m 9 | 8 B | ≯ #Gent | Lab Only | , | | | | | | 9 6 1 H | PS Product-Solid B Blood SL Sludge Other |
|----------|------|-------------|---------|-------|--------|-----|-----|-----|------------|----------|---|---|--|--|---|---|------------|--|
| | | | | | | | | | # 90m | Lab Only | | | | | | | | REMARKS |
| <u> </u> | _1 | SP-2 @ 5' | 4/10/19 | 1430 | S | | | 1 | 100 | Х | Х | X | | | | - | | |
| | _2 | SP-2 @ 6.5' | 4/11/19 | 1455 | S | | | 1 | | Х | Х | X | | | | | | |
| | _3 | | | | | | | | | | | | | | | | | |
| | _4 | | | - | | | | | | | | | | | | | | |
| | _5 | | | | | | | | | | | | | | | | | |
| | _6 | | | | | | | | | | | | | | | | | |
| | _7 | | | | | | | | | | | | | | : | | | |
| | _8 | | | .: '. | | | | | | | | | | | | | | |
| | 9 | | | | | | | | | | | | | | | | | |
| 3 | _0 | | | | | | | | | | | | | | | | | |

| CTLs Other: | PROPERTY TRANSPORTED AND ADDRESS OF THE PROPERTY OF THE PROPER | FL TX GA NC SC NJ PA OK LA AL NM Other: | 1 2 3 4 CLP AFCEE QAPP NELAC DOD-ELAP Other: | ADAPT SEDD ERPIMS XLS Other: | Match Incomplete Absent Unclear 1 1 2 1 | | Lab Use Only YES NO N/ Non-Conformances found? Samples intact upon arrival? |
|----------------|--|--|---|------------------------------|---|--------------|--|
| 1 | Relinquished by Felix Palmero | Affiliation | Date Time 4/12/19 4:03 | Received by | Affiliation Date | Time U.OQ | Received on Wet Ice? Labeled with proper preservatives? Received within holding time? |
| 3 | X D.M. | 1412 | 4)8)5 4() | Ally | xenco yilsha | 0145 | Custody seals intact? VOCs rec'd w/o headspace? Proper containers used? PH verified-acceptable, excl VOCs? |
| 4 | | | | | | | Received on time to meet HTs? |

B&A Laboratories: Hobbs 575-392-7550 Dallas 214-902-0300 Houston 281-242-4200 Odessa 432-563-1800 San Antonio 210-509-3334 Phoenix 602-437-0330

C.O.C. Serial #

🕏 FTS Service Centers: Atlanta 770-449-8800 Lakeland 863-646-8526 Tampa 803-543-8099 Philadelphia 610-955-5649 South Carolina 803-543-8099

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



XENCO Laboratories Prelogin/Nonconformance Report- Sample Log-In



Client: Trinity Oilfield Services & Rentals, LLC

Date/ Time Received: 04/15/2019 07:45:00 AM

Work Order #: 621047

Acceptable Temperature Range: 0 - 6 degC Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used: R8

| | Sample Receipt Checklist | Comments |
|--|---|------------------------------------|
| #1 *Temperature of cooler(s)? | · | 1.1 |
| #2 *Shipping container in good condition | 1? | Yes |
| #3 *Samples received on ice? | • | Yes |
| #4 *Custody Seals intact on shipping co | ntainer/ cooler? | N/A |
| #5 Custody Seals intact on sample bottle | | N/A |
| #6*Custody Seals Signed and dated? | | N/A |
| #7 *Chain of Custody present? | | Yes |
| #8 Any missing/extra samples? | | No |
| #9 Chain of Custody signed when reling | uished/ received? | Yes |
| #10 Chain of Custody agrees with samp | | Yes |
| #11 Container label(s) legible and intact | | Yes |
| #12 Samples in proper container/ bottle? | | Yes |
| #13 Samples properly preserved? | | Yes |
| #14 Sample container(s) intact? | | Yes |
| #15 Sufficient sample amount for indicat | ed test(s)? | Yes |
| #16 All samples received within hold tim | e? | Yes |
| #17 Subcontract of sample(s)? | | N/A |
| #18 Water VOC samples have zero hea | dspace? | N/A |
| * Must be completed for after-hours de Analyst: | elivery of samples prior to placing in | the refrigerator |
| Checklist completed by: Checklist reviewed by: | BritMa Tal Brianna Teel Hely Taylor | Date: 04/15/2019 Date: 04/16/2019 |
| | | Dato. 37/10/2010 |

Holly Taylor



Certificate of Analysis Summary 621713

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Project Name: Red Tank 30-31 St.Com 24Y

Page .

Project Id: Contact:

Ben Arguijo

Project Location:

Date Received in Lab: Fri Apr-19-19 12:00 pm

Report Date: 25-APR-19 **Project Manager:** Holly Taylor

| | Lab Id: | 621713-0 | 001 | 621713-0 | 002 | | | |
|------------------------------------|------------|-------------|---------|-------------|---------|--|--|---|
| Analysis Requested | Field Id: | SP-7 @ | 5' | SP-7 @ | 8' | | | |
| Anatysis Requested | Depth: | | | | | | | |
| | Matrix: | SOIL | | SOIL | | | | |
| | Sampled: | Apr-17-19 1 | 14:19 | Apr-17-19 | 14:55 | | | |
| BTEX by EPA 8021B | Extracted: | Apr-23-19 | 17:00 | Apr-23-19 | 17:00 | | | |
| | Analyzed: | Apr-24-19 (| 01:51 | Apr-24-19 (|)2:10 | | | |
| | Units/RL: | mg/kg | RL | mg/kg | RL | | | |
| Benzene | | < 0.00199 | 0.00199 | < 0.00199 | 0.00199 | | | |
| Toluene | | < 0.00199 | 0.00199 | < 0.00199 | 0.00199 | | | |
| Ethylbenzene | | < 0.00199 | 0.00199 | < 0.00199 | 0.00199 | | | |
| m,p-Xylenes | | < 0.00398 | 0.00398 | < 0.00398 | 0.00398 | | | |
| o-Xylene | | < 0.00199 | 0.00199 | < 0.00199 | 0.00199 | | | |
| Total Xylenes | | < 0.00199 | 0.00199 | < 0.00199 | 0.00199 | | | |
| Total BTEX | | < 0.00199 | 0.00199 | < 0.00199 | 0.00199 | | | |
| Chloride by EPA 300 | Extracted: | Apr-24-19 | 14:15 | Apr-24-19 | 14:15 | | | |
| | Analyzed: | Apr-24-19 2 | 20:24 | Apr-24-19 2 | 20:29 | | | |
| | Units/RL: | mg/kg | RL | mg/kg | RL | | | |
| Chloride | | 81.5 | 4.97 | 27.2 | 4.97 | | | |
| TPH By SW8015 Mod | Extracted: | Apr-24-19 | 10:00 | Apr-24-19 | 14:00 | | | |
| | Analyzed: | Apr-25-19 (| 07:23 | Apr-25-19 (| 08:00 | | | |
| | Units/RL: | mg/kg | RL | mg/kg | RL | | | |
| Gasoline Range Hydrocarbons (GRO) | | <15.0 | 15.0 | <15.0 | 15.0 | | | |
| Diesel Range Organics (DRO) | | 21.0 | 15.0 | <15.0 | 15.0 | | | |
| Motor Oil Range Hydrocarbons (MRO) | | <15.0 | 15.0 | <15.0 | 15.0 | | | _ |
| Total TPH | | 21.0 | 15.0 | <15.0 | 15.0 | | | |

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

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

Holly Taylor Project Manager

Analytical Report 621713

for

Trinity Oilfield Services & Rentals, LLC

Project Manager: Ben Arguijo Red Tank 30-31 St.Com 24Y

25-APR-19

Collected By: Client





1211 W. Florida Ave Midland TX 79701

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

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

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

Xenco-Tampa: Florida (E87429), North Carolina (483) Xenco-Lakeland: Florida (E84098)





25-APR-19

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

Reference: XENCO Report No(s): 621713

Red Tank 30-31 St.Com 24Y

Project Address:

Ben Arguijo:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 621713. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

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

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 621713 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

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

Respectfully,

thely Taylor

Holly Taylor

Project Manager

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

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

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



Sample Cross Reference 621713



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St.Com 24Y

| Sample Id | Matrix | Date Collected | Sample Depth | Lab Sample Id |
|-----------|--------|-----------------------|--------------|---------------|
| SP-7 @ 5' | S | 04-17-19 14:19 | | 621713-001 |
| SP-7 @ 8' | S | 04-17-19 14:55 | | 621713-002 |

CASE NARRATIVE

Client Name: Trinity Oilfield Services & Rentals, LLC

Project Name: Red Tank 30-31 St.Com 24Y

Project ID: Report Date: 25-APR-19
Work Order Number(s): 621713
Date Received: 04/19/2019

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3086741 BTEX by EPA 8021B

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

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

Samples affected are: 621713-001.





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St.Com 24Y

Soil

Sample Id: SP-7 @ 5' Matrix:

Date Received:04.19.19 12.00

Lab Sample Id: 621713-001

Date Collected: 04.17.19 14.19

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech:

SPC

% Moisture:

SPC Analyst:

Date Prep:

04.24.19 14.15

Basis:

Wet Weight

Seq Number: 3086844

Parameter Cas Number Result RLUnits **Analysis Date** Flag Dil 16887-00-6 Chloride 04.24.19 20.24 81.5 4.97 mg/kg 1

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

Tech:

ARM

% Moisture:

ARM Analyst:

Seq Number: 3086860

04.24.19 10.00 Date Prep:

Basis:

Wet Weight

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | | mg/kg | 04.25.19 07.23 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | 21.0 | 15.0 | | mg/kg | 04.25.19 07.23 | | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | | mg/kg | 04.25.19 07.23 | U | 1 |
| Total TPH | PHC635 | 21.0 | 15.0 | | mg/kg | 04.25.19 07.23 | | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 97 | % | 70-135 | 04.25.19 07.23 | | |
| o-Terphenyl | | 84-15-1 | 93 | % | 70-135 | 04.25.19 07.23 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St.Com 24Y

Soil

Sample Id: SP-7 @ 5' Matrix:

Date Received:04.19.19 12.00

Lab Sample Id: 621713-001

Date Collected: 04.17.19 14.19

Analytical Method: BTEX by EPA 8021B

SCM

Prep Method: SW5030B

Tech: SCM

% Moisture:

Basis:

Date Prep: 04.23.19 17.00 Wet Weight

Seq Number: 3086741

Analyst:

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00199 | 0.00199 | | mg/kg | 04.24.19 01.51 | U | 1 |
| Toluene | 108-88-3 | < 0.00199 | 0.00199 | | mg/kg | 04.24.19 01.51 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00199 | 0.00199 | | mg/kg | 04.24.19 01.51 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00398 | 0.00398 | | mg/kg | 04.24.19 01.51 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00199 | 0.00199 | | mg/kg | 04.24.19 01.51 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00199 | 0.00199 | | mg/kg | 04.24.19 01.51 | U | 1 |
| Total BTEX | | < 0.00199 | 0.00199 | | mg/kg | 04.24.19 01.51 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | | 460-00-4 | 139 | % | 70-130 | 04.24.19 01.51 | ** | |
| 1,4-Difluorobenzene | | 540-36-3 | 92 | % | 70-130 | 04.24.19 01.51 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St.Com 24Y

Sample Id: SP-7 @ 8' Matrix: Soil Date Received:04.19.19 12.00

Lab Sample Id: 621713-002

Date Collected: 04.17.19 14.55

Prep Method: E300P

SPC

Analytical Method: Chloride by EPA 300

Tech: Analyst:

SPC

Date Prep: 04.24.19 14.15 % Moisture: Basis:

Wet Weight

Seq Number: 3086844

Parameter Cas Number Result RLUnits **Analysis Date** Flag Dil 16887-00-6 Chloride 04.24.19 20.29 27.2 4.97 mg/kg 1

Analytical Method: TPH By SW8015 Mod

Prep Method: TX1005P

% Moisture:

Tech: Analyst: ARM ARM

04.24.19 14.00 Date Prep:

Basis: Wet Weight

Seq Number: 3086863

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|---------------|-------|--------|----------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <15.0 | 15.0 | | mg/kg | 04.25.19 08.00 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <15.0 | 15.0 | | mg/kg | 04.25.19 08.00 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <15.0 | 15.0 | | mg/kg | 04.25.19 08.00 | U | 1 |
| Total TPH | PHC635 | <15.0 | 15.0 | | mg/kg | 04.25.19 08.00 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 95 | % | 70-135 | 04.25.19 08.00 | | |
| o-Terphenyl | | 84-15-1 | 92 | % | 70-135 | 04.25.19 08.00 | | |





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Red Tank 30-31 St.Com 24Y

Soil

Sample Id: **SP-7** @ **8**'

Matrix:

Date Received:04.19.19 12.00

Lab Sample Id: 621713-002

Date Collected: 04.17.19 14.55

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

% Moisture:

Tech: SCM

Analyst:

SCM

Date Prep: 04.23.19 17.00

Basis: Wet Weight

Seq Number: 3086741

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00199 | 0.00199 | | mg/kg | 04.24.19 02.10 | U | 1 |
| Toluene | 108-88-3 | < 0.00199 | 0.00199 | | mg/kg | 04.24.19 02.10 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00199 | 0.00199 | | mg/kg | 04.24.19 02.10 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00398 | 0.00398 | | mg/kg | 04.24.19 02.10 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00199 | 0.00199 | | mg/kg | 04.24.19 02.10 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00199 | 0.00199 | | mg/kg | 04.24.19 02.10 | U | 1 |
| Total BTEX | | < 0.00199 | 0.00199 | | mg/kg | 04.24.19 02.10 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | | 540-36-3 | 102 | % | 70-130 | 04.24.19 02.10 | | |
| 4-Bromofluorobenzene | | 460-00-4 | 123 | % | 70-130 | 04.24.19 02.10 | | |



Flagging Criteria



Page 257 of 278

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

BRL Below Reporting Limit.

RL Reporting Limit

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

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

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample BLK Method Blank

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

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

- + NELAC certification not offered for this compound.
- * (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

^{**} Surrogate recovered outside laboratory control limit.



QC Summary 621713

Trinity Oilfield Services & Rentals, LLC

Red Tank 30-31 St.Com 24Y

Analytical Method: Chloride by EPA 300

3086844 Matrix: Solid

MR

Result

0.880

34.2

LCS Sample Id: 7676506-1-BKS 7676506-1-BLK

E300P Prep Method:

Date Prep: 04.24.19

LCSD Sample Id: 7676506-1-BSD

Spike Limits %RPD RPD Limit Units LCSD LCSD Analysis Flag **Parameter** Result Amount Result %Rec Date %Rec Result 90-110 04.24.19 19:16 Chloride < 5.00 250 253 101 253 101 0 20 mg/kg

LCS

Analytical Method: Chloride by EPA 300

3086844

Matrix: Soil

LCS

Prep Method: Date Prep:

E300P

Parent Sample Id:

621705-019

MS Sample Id: 621705-019 S MSD Sample Id: 621705-019 SD

04.24.19

Parameter

Seq Number:

Seq Number:

MB Sample Id:

Parent

MS MS Result %Rec

MSD MSD Result %Rec

281

Limits

%RPD RPD Limit Units

Analysis Flag Date

Chloride

273

110

113 90-110

3 20

mg/kg

04.24.19 19:32 X

Analytical Method: Chloride by EPA 300

Seq Number:

3086844

Matrix: Soil

250

Spike

248

Amount

Prep Method: Date Prep:

E300P

04.24.19

Parent Sample Id:

621714-001

MS Sample Id:

621714-001 S

MSD

%RPD RPD Limit Units Limits

MSD Sample Id: 621714-001 SD

Analysis Flag

Parameter Chloride

Parent Spike Result Amount

MS MS Result %Rec

287

MSD Result

273

%Rec 96 90-110

5 20 mg/kg

Date 04.24.19 20:45

Flag

Analytical Method: TPH By SW8015 Mod

Seq Number: 3086860

Matrix: Solid

Prep Method:

TX1005P

MB Sample Id:

7676472-1-BLK

LCS Sample Id:

7676472-1-BKS

04.24.19

Date Prep: LCSD Sample Id: 7676472-1-BSD

LCS %RPD RPD Limit Units MB Spike LCS LCSD Limits Analysis LCSD **Parameter** Result %Rec Date Result Amount Result %Rec 04.24.19 15:23 Gasoline Range Hydrocarbons (GRO) 1000 1100 110 1010 70-135 9 20 < 8.00 101 mg/kg 1050 70-135 10 20 mg/kg 04.24.19 15:23 Diesel Range Organics (DRO) < 8.13 1000 1160 116 105

101

| Surrogate | MB %Rec | MB Flag | LCS %Rec | LCS Flag | LCSD %Rec | LCSD Flag | Limits | Units | Analysis Date |
|----------------|------------|------------|-------------|-------------|--------------|--------------|--------|-------|------------------|
| 1-Chlorooctane | 97 | | 130 | | 116 | | 70-135 | % | 04.24.19 15:23 |
| o-Terphenyl | 99 | | 125 | | 112 | | 70-135 | % | 04.24.19 15:23 |

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

[D] = 100*(C-A) / BRPD = 200* | (C-E) / (C+E) |[D] = 100 * (C) / [B]

Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample A = Parent Result

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

Flag



QC Summary 621713

Trinity Oilfield Services & Rentals, LLC

Red Tank 30-31 St.Com 24Y

Analytical Method:TPH By SW8015 ModPrep Method:TX1005PSeq Number:3086863Matrix:SolidDate Prep:04.24.19

MB Sample Id: 7676473-1-BLK LCS Sample Id: 7676473-1-BSD

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RP | D RPD Limi | t Units | Analysis Date | Flag |
|-----------------------------------|--------------|-----------------|---------------|-------------|----------------|--------------|--------|-----|------------|---------|------------------|------|
| Gasoline Range Hydrocarbons (GRO) | < 8.00 | 1000 | 1020 | 102 | 1030 | 103 | 70-135 | 1 | 20 | mg/kg | 04.25.19 00:30 | |
| Diesel Range Organics (DRO) | <8.13 | 1000 | 1050 | 105 | 1070 | 107 | 70-135 | 2 | 20 | mg/kg | 04.25.19 00:30 | |
| _ | MB | MB | I. | CS I | CS | LCSI | n LCS | D | Limits | Units | Analysis | |

Surrogate %Rec Flag %Rec Flag Flag Date %Rec 1-Chlorooctane 98 123 126 70-135 % 04.25.19 00:30 o-Terphenyl 99 114 117 70-135 % 04.25.19 00:30

Analytical Method: TPH By SW8015 Mod Prep Method: TX1005P

 Seq Number:
 3086860
 Matrix:
 Soil
 Date Prep:
 04.24.19

 Parent Sample Id:
 621699-041
 MS Sample Id:
 621699-041 S
 MSD Sample Id:
 621699-041 SD

%RPD RPD Limit Units MS MS Parent Spike Limits Analysis **MSD** MSD **Parameter** Result Date Result Amount %Rec %Rec Result Gasoline Range Hydrocarbons (GRO) <7.99 998 784 79 70-135 13 20 04.24.19 16:22 893 90 mg/kg 04.24.19 16:22 Diesel Range Organics (DRO) 998 840 79 935 70-135 11 20 52.7 88 mg/kg

MS MS **MSD** MSD Limits Units Analysis Surrogate %Rec Flag Flag Date %Rec 1-Chlorooctane 99 107 70-135 % 04.24.19 16:22 o-Terphenyl 81 89 70-135 % 04.24.19 16:22

Analytical Method: TPH By SW8015 Mod Prep Method: TX1005P

 Seq Number:
 3086863
 Matrix:
 Soil
 Date Prep:
 04.24.19

 Parent Sample Id:
 621715-001
 MS Sample Id:
 621715-001 S
 MSD Sample Id:
 621715-001 SD

%RPD RPD Limit Units MS MS Spike Limits Analysis Parent **MSD** MSD Flag **Parameter** Result Amount Result %Rec %Rec Date Result Gasoline Range Hydrocarbons (GRO) 04.25.19 01:29 12.7 998 974 96 992 98 70-135 2 20 mg/kg 1040 1060 70-135 2 20 04.25.19 01:29 Diesel Range Organics (DRO) < 8.11 998 104 106 mg/kg

MS MS **MSD MSD** Limits Units Analysis Surrogate Flag Flag %Rec Date %Rec 1-Chlorooctane 124 127 70-135 04.25.19 01:29 % 102 108 70-135 04.25.19 01:29 o-Terphenyl %

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference
$$\begin{split} [D] &= 100*(C\text{-A}) \, / \, B \\ RPD &= 200* \mid (C\text{-E}) \, / \, (C\text{+E}) \mid \\ [D] &= 100*(C) \, / \, [B] \end{split}$$

Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample

A = Parent Result C = MS/LCS Result

E = MSD/LCSD Result

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

Flag

Flag



QC Summary 621713

Trinity Oilfield Services & Rentals, LLC

Red Tank 30-31 St.Com 24Y

Analytical Method: BTEX by EPA 8021B SW5030B Prep Method: Seq Number: 3086741 Matrix: Solid Date Prep: 04.23.19 LCS Sample Id: 7676425-1-BKS LCSD Sample Id: 7676425-1-BSD MB Sample Id: 7676425-1-BLK

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limi | it Units | Analysis Date |
|--------------|--------------|-----------------|---------------|-------------|----------------|--------------|--------|------|----------|----------|------------------|
| Benzene | < 0.00200 | 0.100 | 0.0894 | 89 | 0.101 | 100 | 70-130 | 12 | 35 | mg/kg | 04.23.19 23:59 |
| Toluene | < 0.00200 | 0.100 | 0.0897 | 90 | 0.101 | 100 | 70-130 | 12 | 35 | mg/kg | 04.23.19 23:59 |
| Ethylbenzene | < 0.00200 | 0.100 | 0.0942 | 94 | 0.106 | 105 | 70-130 | 12 | 35 | mg/kg | 04.23.19 23:59 |
| m,p-Xylenes | < 0.00400 | 0.200 | 0.190 | 95 | 0.213 | 105 | 70-130 | 11 | 35 | mg/kg | 04.23.19 23:59 |
| o-Xylene | < 0.00200 | 0.100 | 0.0979 | 98 | 0.109 | 108 | 70-130 | 11 | 35 | mg/kg | 04.23.19 23:59 |
| Surrogate | MB | MB Flag | LC | ~ | LCS Flag | LCSI | | | imits | Units | Analysis Date |

Flag Flag Date Flag %Rec %Rec %Rec 1,4-Difluorobenzene 108 98 96 04.23.19 23:59 70-130 % 04.23.19 23:59 4-Bromofluorobenzene 106 109 108 70-130 %

Analytical Method: BTEX by EPA 8021B

Prep Method: Seq Number: 3086741 Matrix: Soil Date Prep: 04.23.19 MS Sample Id: 621713-001 S MSD Sample Id: 621713-001 SD 621713-001 Parent Sample Id:

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date |
|--------------|------------------|-----------------|--------------|------------|---------------|-------------|--------|------|-----------|-------|------------------|
| Benzene | < 0.00198 | 0.0992 | 0.0869 | 88 | 0.0931 | 93 | 70-130 | 7 | 35 | mg/kg | 04.24.19 00:37 |
| Toluene | < 0.00198 | 0.0992 | 0.0845 | 85 | 0.0911 | 91 | 70-130 | 8 | 35 | mg/kg | 04.24.19 00:37 |
| Ethylbenzene | < 0.00198 | 0.0992 | 0.0830 | 84 | 0.0900 | 90 | 70-130 | 8 | 35 | mg/kg | 04.24.19 00:37 |
| m,p-Xylenes | < 0.00397 | 0.198 | 0.169 | 85 | 0.183 | 91 | 70-130 | 8 | 35 | mg/kg | 04.24.19 00:37 |
| o-Xylene | < 0.00198 | 0.0992 | 0.0871 | 88 | 0.0942 | 94 | 70-130 | 8 | 35 | mg/kg | 04.24.19 00:37 |

| Surrogate | MS %Rec | MS Flag | MSD %Rec | MSD Flag | Limits | Units | Analysis Date |
|----------------------|------------|------------|-------------|-------------|--------|-------|------------------|
| 1,4-Difluorobenzene | 98 | | 99 | | 70-130 | % | 04.24.19 00:37 |
| 4-Bromofluorobenzene | 109 | | 114 | | 70-130 | % | 04.24.19 00:37 |

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

[D] = 100*(C-A) / BRPD = 200* | (C-E) / (C+E) |[D] = 100 * (C) / [B]

Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample A = Parent Result

C = MS/LCS Result E = MSD/LCSD Result MS = Matrix SpikeB = Spike Added D = MSD/LCSD % Rec

SW5030B

Company:

Address:

PM/Attn:

Project ID:

Sampler Name:

Felix Palmero

9

9 0

3

4

City:

Trinity Oilfield Services & Rentals, LLC

Red Tank 30-31 St. Com 24Y

Sample ID

Oxy - Wade Dittrich (575)390-2828

Charge Codes: OP57182239 1214877 01040502

P.O. Box 2587

Ben J. Arquijo

SP-7 @ 5'

Hobbs

CHAIN OF CUSTODY RECORD

(575)390-7208

ont Type

res Type

Example latiles by:

Con

GC

8015M

TPH

Lab Only

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

88241

Monthly

Fax:

Zip:

Email: wade.dittrich@oxy.com &

ben@trinityoilfieldservices.com

Quote #:

vamx

Code:

S

PO#:

State: NM

Circle One Event: Daily Weekly

Collect

Time

1419

Quartely Semi-Annual Annual

Collect

Date

11/17/19

Page

LAB W.O#: Field billable Hrs:

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

ANALYSES REQUESTED

Time:

| 1 | | |
|---|----|----------------|
| | ES | Encore Sampler |
| | TS | TerraCore Same |
| b | AC | Air Canister |
| | TB | Tedlar Bag |
| | | |

Zip Lock Bag Plastic Clear

Final 1,000

of 16

Page 14

YES NO N

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

VA Vial Amber

VC Vial Clear Vial Pre-preserve

GA Glass Amber GC Glass Clear

PC Plastic Clear

Plastic Amber

| 52.5000363 | TANADOCCO CONTRACTOR DE | The state of the s | 2000 | |
|------------|--|--|------|--|
| | A. None B. HNO ₃ C. H ₂ SC D. NaOl O | F. MeOH G. Na ₂ S ₂ O ₃ | J. | Ice MCAA ZnAc&NaOH Asbc Acid&NaOH |
| | | | | |
| Š | | ^ Matrix T | ypı | e Codes |
| | GW (| Ground Water | S | Soil/Sediment/Solid |
| - | | Naste Water | W | Wipe |
| - | | Drinking Water | Α | Air |
| | | Surface Water | 0 | Oil |
| 1 | | Ocean/Sea Water | T | Tissue |
| | | Product-Liquid | U | Urine |
| | | Product-Solid | В | Blood |
| 1 5 | SL | Sludge | | |
| | Other | BELL | | 176 |
| | | | | |

| RE | MA | RK | S |
|----|----|----|---|
| | | | |

SP-7@8' 11/17/19 1455 S Х Х Х 3 5 6 8

TAT Work Days = D Need results by:_

GC

BTEX

Х

GC

Х

Reg. Program / Clean-up Std STATE for Certs & Regs **QA/QC Level & Certification EDDs** COC & Labels Coolers Temp °C CTLs TRRP DW NPDES LPST DryCin FL TX GA NC SC NJ PA OK 1 2 3 4 CLP AFCEE QAPP ADaPT SEDD ERPIMS Match incomplete Other: LA AL NM Other NELAC DoD-ELAP Other: XLS Other: Absent Unclear Relinguished by Date Received by

Lab Use Only

abeled with proper preservative Received within holding time? Custody seals intact? VOCs rec'd w/o headspace? Proper containers used?

pH verified-acceptable, excl VOCs Received on time to meet HTs?

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

C.O.C. Serial #





Work Order #: 621713

XENCO Laboratories Prelogin/Nonconformance Report- Sample Log-In



Client: Trinity Oilfield Services & Rentals, LLC

Date/ Time Received: 04/19/2019 12:00:00 PM

Acceptable Temperature Range: 0 - 6 degC Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used: R8

| #1 *Temperature of cooler(s)? #2 *Shipping container in good condition? #3 *Samples received on ice? #4 *Custody Seals intact on shipping container/ cooler? #5 Custody Seals intact on sample bottles? #6*Custody Seals Signed and dated? #7 *Chain of Custody present? #8 Any missing/extra samples? #8 Any missing/extra samples? #10 Chain of Custody agrees with sample labels/matrix? #11 Container label(s) legible and intact? #12 Samples in proper container/ bottle? *Yes #12 Samples in proper container/ bottle? *Yes **In Container label(s) legible and intact? *Yes #12 Samples in proper container/ bottle? | |
|---|--|
| #3 *Samples received on ice? #4 *Custody Seals intact on shipping container/ cooler? M/A #5 Custody Seals intact on sample bottles? M/A #6*Custody Seals Signed and dated? M/A #7 *Chain of Custody present? #8 Any missing/extra samples? Mo #9 Chain of Custody signed when relinquished/ received? #10 Chain of Custody agrees with sample labels/matrix? Yes #11 Container label(s) legible and intact? Yes | |
| #4 *Custody Seals intact on shipping container/ cooler? #5 Custody Seals intact on sample bottles? #6*Custody Seals Signed and dated? #7 *Chain of Custody present? #8 Any missing/extra samples? #9 Chain of Custody signed when relinquished/ received? #10 Chain of Custody agrees with sample labels/matrix? #11 Container label(s) legible and intact? N/A *N/A **MA **MA | |
| #5 Custody Seals intact on sample bottles? #6*Custody Seals Signed and dated? #7 *Chain of Custody present? #8 Any missing/extra samples? #0 Chain of Custody signed when relinquished/ received? #10 Chain of Custody agrees with sample labels/matrix? #11 Container label(s) legible and intact? N/A **Yes **In Container label(s) legible and intact? **Yes **In Container label(s) legible and intact? | |
| #6*Custody Seals Signed and dated? #7 *Chain of Custody present? #8 Any missing/extra samples? #0 Chain of Custody signed when relinquished/ received? #10 Chain of Custody agrees with sample labels/matrix? #11 Container label(s) legible and intact? NO Yes #12 Container label(s) legible and intact? | |
| #7 *Chain of Custody present? #8 Any missing/extra samples? Wo #9 Chain of Custody signed when relinquished/ received? #10 Chain of Custody agrees with sample labels/matrix? Yes #11 Container label(s) legible and intact? Yes | |
| #8 Any missing/extra samples? #9 Chain of Custody signed when relinquished/ received? #10 Chain of Custody agrees with sample labels/matrix? #11 Container label(s) legible and intact? Yes | |
| #9 Chain of Custody signed when relinquished/ received? #10 Chain of Custody agrees with sample labels/matrix? Yes #11 Container label(s) legible and intact? Yes | |
| #10 Chain of Custody agrees with sample labels/matrix? Yes #11 Container label(s) legible and intact? Yes | |
| #11 Container label(s) legible and intact? | |
| | |
| #12 Samples in proper container/ bottle? Yes | |
| | |
| #13 Samples properly preserved? Yes | |
| #14 Sample container(s) intact? | |
| #15 Sufficient sample amount for indicated test(s)? | |
| #16 All samples received within hold time? Yes | |
| #17 Subcontract of sample(s)? | |
| #18 Water VOC samples have zero headspace? N/A | |
| | |

| #18 Water VOC samples have zero head | dspace? | N/A | |
|--------------------------------------|------------------------------------|-------------------------|--|
| Must be completed for after-hours de | livery of samples prior to placing | in the refrigerator | |
| Checklist completed by: | Bawa Tul Brianna Teel | Date: 04/19/2019 | |
| Checklist reviewed by: | Hely Taylor Holly Taylor | Date: <u>04/22/2019</u> | |



June 26, 2023

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

RE: RED TANK 30-31 STATE COM #24

Enclosed are the results of analyses for samples received by the laboratory on 06/22/23 8:00.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Received: 06/22/2023 Sampling Date: 06/20/2023

Reported: 06/26/2023 Sampling Type: Soil

Project Name: RED TANK 30-31 STATE COM #24 Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: OXY - LEA CO., NM

Sample ID: CF-001.0-02.0-S (H233229-01)

| BTEX 8021B | mg/ | /kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/23/2023 | ND | 2.21 | 110 | 2.00 | 1.96 | |
| Toluene* | <0.050 | 0.050 | 06/23/2023 | ND | 2.12 | 106 | 2.00 | 5.18 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/23/2023 | ND | 2.06 | 103 | 2.00 | 2.06 | |
| Total Xylenes* | <0.150 | 0.150 | 06/23/2023 | ND | 6.34 | 106 | 6.00 | 2.02 | |
| Total BTEX | <0.300 | 0.300 | 06/23/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 108 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | 'kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 112 | 16.0 | 06/22/2023 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/22/2023 | ND | 172 | 86.0 | 200 | 1.32 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/22/2023 | ND | 151 | 75.7 | 200 | 4.75 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/22/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 93.1 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 84.8 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

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

Fax To: NONE

Received: 06/22/2023 Sampling Date: 06/20/2023

Reported: 06/26/2023 Sampling Type: Soil

Project Name: RED TANK 30-31 STATE COM #24 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez
Project Location: OXY - LEA CO., NM

Sample ID: CF-002.0-02.0-S (H233229-02)

| BTEX 8021B | mg, | 'kg | Analyze | d By: MS | | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 06/23/2023 | ND | 2.21 | 110 | 2.00 | 1.96 | | |
| Toluene* | <0.050 | 0.050 | 06/23/2023 | ND | 2.12 | 106 | 2.00 | 5.18 | | |
| Ethylbenzene* | <0.050 | 0.050 | 06/23/2023 | ND | 2.06 | 103 | 2.00 | 2.06 | | |
| Total Xylenes* | <0.150 | 0.150 | 06/23/2023 | ND | 6.34 | 106 | 6.00 | 2.02 | | |
| Total BTEX | <0.300 | 0.300 | 06/23/2023 | ND | | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 106 | % 71.5-13 | 4 | | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 304 | 16.0 | 06/22/2023 | ND | 400 | 100 | 400 | 0.00 | | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 06/22/2023 | ND | 172 | 86.0 | 200 | 1.32 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/22/2023 | ND | 151 | 75.7 | 200 | 4.75 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/22/2023 | ND | | | | | | |
| Surrogate: 1-Chlorooctane | 95.9 | % 48.2-13 | 4 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 88.2 | % 49.1-14 | 8 | | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

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

Fax To: NONE

Received: 06/22/2023 Sampling Date: 06/20/2023

Reported: 06/26/2023 Sampling Type: Soil

Project Name: RED TANK 30-31 STATE COM #24 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: MS

Project Location: OXY - LEA CO., NM

mg/kg

Sample ID: CF-003.0-02.0-S (H233229-03)

BTEX 8021B

| | 9/ | 9 | 7 | 7: : : : | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/23/2023 | ND | 2.21 | 110 | 2.00 | 1.96 | |
| Toluene* | <0.050 | 0.050 | 06/23/2023 | ND | 2.12 | 106 | 2.00 | 5.18 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/23/2023 | ND | 2.06 | 103 | 2.00 | 2.06 | |
| Total Xylenes* | <0.150 | 0.150 | 06/23/2023 | ND | 6.34 | 106 | 6.00 | 2.02 | |
| Total BTEX | <0.300 | 0.300 | 06/23/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 106 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | ed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 256 | 16.0 | 06/22/2023 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/22/2023 | ND | 172 | 86.0 | 200 | 1.32 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/22/2023 | ND | 151 | 75.7 | 200 | 4.75 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/22/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 92.7 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 87.0 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Analytical Results For:

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

Fax To: NONE

Received: 06/22/2023 Sampling Date: 06/20/2023

Reported: Sampling Type: Soil 06/26/2023

Project Name: RED TANK 30-31 STATE COM #24 Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: OXY - LEA CO., NM

Sample ID: CW-001.0-01.0-S (H233229-04)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/23/2023 | ND | 2.21 | 110 | 2.00 | 1.96 | |
| Toluene* | <0.050 | 0.050 | 06/23/2023 | ND | 2.12 | 106 | 2.00 | 5.18 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/23/2023 | ND | 2.06 | 103 | 2.00 | 2.06 | |
| Total Xylenes* | <0.150 | 0.150 | 06/23/2023 | ND | 6.34 | 106 | 6.00 | 2.02 | |
| Total BTEX | <0.300 | 0.300 | 06/23/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 108 9 | 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 336 | 16.0 | 06/22/2023 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/22/2023 | ND | 172 | 86.0 | 200 | 1.32 | |
| DRO >C10-C28* | 11.5 | 10.0 | 06/22/2023 | ND | 151 | 75.7 | 200 | 4.75 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/22/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 113 % | 6 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 107 9 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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| | Sampler - UPS - Bus - Other: | Delivered By: (Circle One) | | Relinquished By: | |) | Relinquished By: | service. In no event shall Cardinal be liable for incidental or consequental damages, including window illimitation, ownerses minimproved a service and the above stated reasons or otherwise. affiliation or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. | PLEASE NOTE: Liability and Jamages. Carama's susually and usens a second review of the applicable analyses. All claims including those for regigence 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 analyses. All claims including those for regigence 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. | | 1 | 1 | 1 | 1 | CW-001.0-01.0-S | 3 CF-003.0-02.0-S | CF-002.0-02.0-S | | Lab I.D. | | | Sampler Name: JHC | n: | ame: | | Phone #: | City: Hobbs | Address: 8426 N Dal Paso | Project Manager: Dan Dunkelberg | Company Name: Trinity Oilfield Services | Laboratories |
|---|--|----------------------------|----------------|------------------|----------|---|------------------|--|--|---|-------|---|---|---|-----------------|-------------------|-----------------|-----------|-----------------------------------|---|-------------------|-------------------|----------|--|----------------|----------|---------------------|--------------------------|---------------------------------|---|---|
| | Corrected Temp. °C | Observed Temp. °C | Time: | Date: | Time: OO | 6.200 | Date: | cidental or consequental damages, including the performance of services hereunder by | e and any other cause whatsoever shall be | to lability and client's exclusive remedy for | | | | | 11.0-S | 2.0-S | 2.0-S | 2.0-S | Sample I.D. | | | | M | Red Tank 30-31 State Com #24 dan@trinityoilfieldservices.com | Project Owner: | Fax#: | State: NM | Paso | berg | d Services | |
| † Cardinal cannot ac | No No No | C Sample Condition | | Received By: | 8 |) | Received By: | Cardinal, regardless of whether such ck | deemed waived unless made in writing | any claim arising whether based in cont | | | | | C 1 | C 1 × | _ | | # C GF W/ SC OI SL | UDGE | MATRIX | F | _ | | | A | Zip: 88241 A | C | .0 | | 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 |
| cept verbal changes. Ple | 2 | CHECKED BY: | | 0 | Munder | , | | rsequental damages, including without animators, business enter operation, over the above stated reasons or otherwise nce of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise | and received by Cardinal within 30 days as loss of use, or loss of profits incurred | ract or tort, shall be limited to the amoun | | | | | 6/20/2023 | 6/20/2023 | 6/20/2023 | 0/20/2023 | O. | 'HER : :ID/BASE: E / COOL 'HER : | PRESERV. SAMPLING | Fax#: | Phone #: | State: Zip: | City: | Address: | Attn: Wade Dittrich | Cumpany: OXY USA Inc | P.O. #: | BILL TO | |
| ase email changes to ce | Thermometer ID #113 Correction Factor -0.6 °C | Turnaround Time: | | REMARKU | | All Results are emailed. Please provide Email | Verbal Result: | d reasons or otherwise. | after completion of the applicable by client, its subsidiaries, | paid by the client for the | | | | | × | × × | < > | < > | + | hloride | ING | | | | | | | | | | |
| † Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com | | Standard X | | | | ease provide Email address: | Yes No A | | | | | | | | × | + | + | + | + | TEX | | | | | | | | | | | |
| l.com | No No | Intact | | | | | Add'l Phone #: | | | | | | | | | | | 1 | | | | | | | | | | _ | | ANALYSIS KEQUEST | ANALYSIS DEDLIEST |
| | Corrected Temp. °C | Observed Temp. °C | - Constitution | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | 7 | | | | | | | | | | | , | | |

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

QUESTIONS

Action 297031

QUESTIONS

| Operator: | OGRID: | | | | | | | |
|-----------------------|---|--|--|--|--|--|--|--|
| OXY USA INC | 16696 | | | | | | | |
| P.O. Box 4294 | Action Number: | | | | | | | |
| Houston, TX 772104294 | 297031 | | | | | | | |
| | Action Type: | | | | | | | |
| | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) | | | | | | | |

QUESTIONS

| Prerequisites | |
|------------------|---|
| Incident ID (n#) | nOY1803750274 |
| Incident Name | NOY1803750274 RED TANK 30 31 @ 30-025-44161 |
| Incident Type | Oil Release |
| Incident Status | Remediation Closure Report Received |
| Incident Well | [30-025-44161] RED TANK 30 31 STATE COM #024Y |

| Location of Release Source | | | | | | | | |
|--|----------------|--|--|--|--|--|--|--|
| Please answer all the questions in this group. | | | | | | | | |
| Site Name | RED TANK 30 31 | | | | | | | |
| Date Release Discovered | 02/01/2018 | | | | | | | |
| Surface Owner | State | | | | | | | |

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

| Nature and Volume of Release | |
|--|---|
| Material(s) released, please answer all that apply below. Any calculations or specific justifications f | or the volumes provided should be attached to the follow-up C-141 submission. |
| Crude Oil Released (bbls) Details | Cause: Equipment Failure Tank (Any) Crude Oil Released: 45 BBL Recovered: 0 BBL Lost: 45 BBL. |
| Produced Water Released (bbls) Details | Not answered. |
| Is the concentration of chloride in the produced water >10,000 mg/l | Not answered. |
| Condensate Released (bbls) Details | Not answered. |
| Natural Gas Vented (Mcf) Details | Not answered. |
| Natural Gas Flared (Mcf) Details | Not answered. |
| Other Released Details | Not answered. |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts) | Not answered. |

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

QUESTIONS, Page 2

Action 297031

| 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462 | | |
|--|---|--|
| QUEST | TONS (continued) | |
| Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294 | OGRID: 16696 Action Number: 297031 Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) | |
| QUESTIONS | [C-141] Nemediation Closure Nequest C-141 (C-141-V-Closure) | |
| Nature and Volume of Release (continued) | | |
| Is this a gas only submission (i.e. only significant Mcf values reported) | No, according to supplied volumes this does not appear to be a "gas only" report. | |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC | Yes | |
| Reasons why this would be considered a submission for a notification of a major release | From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more. | |
| With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i | .e. gas only) are to be submitted on the C-129 form. | |
| Initial Response | | |
| The responsible party must undertake the following actions immediately unless they could create a | safety hazard that would result in injury. | |
| The source of the release has been stopped | True | |
| The impacted area has been secured to protect human health and the environment | True | |
| Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices | True | |
| All free liquids and recoverable materials have been removed and managed appropriately | True | |
| If all the actions described above have not been undertaken, explain why | Not answered. | |
| | diation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative o eted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of evaluation in the follow-up C-141 submission. | |
| to report and/or file certain release notifications and perform corrective actions for rele the OCD does not relieve the operator of liability should their operations have failed to | knowledge and understand that pursuant to OCD rules and regulations all operators are required cases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface it does not relieve the operator of responsibility for compliance with any other federal, state, or | |
| I hereby agree and sign off to the above statement | Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com | |

Date: 12/21/2023

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

QUESTIONS, Page 3

Action 297031

QUESTIONS (continued)

| Operator: | OGRID: |
|-----------------------|---|
| OXY USA INC | 16696 |
| P.O. Box 4294 | Action Number: |
| Houston, TX 772104294 | 297031 |
| | Action Type: |
| | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

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

| rided to the appropriate district office no later than 90 days after the release discovery date. |
|---|
| Yes |
| mination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC. |
| Yes |
| No |
| n, in milligrams per kilograms.) |
| 263 |
| 1960 |
| 1499 |
| 0.4 |
| 0 |
| impleted efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, |
| 06/20/2023 |
| 06/20/2023 |
| 06/20/2023 |
| 481 |
| 70 |
| 481 |
| 70 |
| on at the time of submission and may (be) change(d) over time as more remediation efforts are completed. |
| ייי |

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

District I

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Phone:(505) 334-6178 Fax:(505) 334-6170 **District IV**1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 4

Action 297031

QUESTIONS (continued)

| Operator: | OGRID: |
|-----------------------|---|
| OXY USA INC | 16696 |
| P.O. Box 4294 | Action Number: |
| Houston, TX 772104294 | 297031 |
| | Action Type: |
| | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| Remediation Plan (continued) | |
|---|---|
| Please answer all the questions that apply or are indicated. This information must be provided to the | appropriate district office no later than 90 days after the release discovery date. |
| This remediation will (or is expected to) utilize the following processes to remediate | / reduce contaminants: |
| (Select all answers below that apply.) | |
| (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.) | Yes |
| Which OCD approved facility will be used for off-site disposal | LEA LAND LANDFILL [fEEM0112342028] |
| OR which OCD approved well (API) will be used for off-site disposal | Not answered. |
| OR is the off-site disposal site, to be used, out-of-state | Not answered. |
| OR is the off-site disposal site, to be used, an NMED facility | Not answered. |
| (Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms) | Not answered. |
| (In Situ) Soil Vapor Extraction | Not answered. |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.) | Not answered. |
| (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.) | Not answered. |
| (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.) | Not answered. |
| Ground Water Abatement pursuant to 19.15.30 NMAC | Not answered. |
| OTHER (Non-listed remedial process) | Not answered. |

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

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

I hereby agree and sign off to the above statement

Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com

Date: 12/21/2023

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

Released to Imaging: 12/22/2023 7:52:18 AM

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

QUESTIONS, Page 5

Action 297031

QUESTIONS (continued)

| Operator: | OGRID: |
|-----------------------|---|
| OXY USA INC | 16696 |
| P.O. Box 4294 | Action Number: |
| Houston, TX 772104294 | 297031 |
| | Action Type: |
| | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

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

District I

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

QUESTIONS, Page 6

Action 297031

| Ωl | JFS1 | TIONS | (continued) | ۱ |
|----|------|-------|-------------|---|
| | | | | |

| Operator: | OGRID: |
|-----------------------|---|
| OXY USA INC | 16696 |
| P.O. Box 4294 | Action Number: |
| Houston, TX 772104294 | 297031 |
| | Action Type: |
| | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| Sampling Event Information | |
|---|------------|
| Last sampling notification (C-141N) recorded 296260 | |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 12/22/2023 |
| What was the (estimated) number of samples that were to be gathered | 4 |
| What was the sampling surface area in square feet | 481 |

| Requesting a remediation closure approval with this submission | Yes |
|--|-------|
| Have the lateral and vertical extents of contamination been fully delineated | Yes |
| Was this release entirely contained within a lined containment area | No |
| All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion | Yes |
| What was the total surface area (in square feet) remediated | 481 |
| What was the total volume (cubic yards) remediated | 36 |
| All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene | Yes |
| What was the total surface area (in square feet) reclaimed | 481 |
| What was the total volume (in cubic yards) reclaimed | 36 |
| Summarize any additional remediation activities not included by answers (above) | NA NA |

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

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

Name: Wade Dittrich
Title: Environmental Coordinator
Email: wade_dittrich@oxy.com
Date: 12/21/2023

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QUESTIONS, Page 7

Action 297031

| QUESTIONS | (continued) |
|------------------|---------------------------|
| QUESTIONS! | COH I III I I I I C C I I |

| Operator: | OGRID: | | |
|-----------------------|---|--|--|
| OXY USA INC | 16696 | | |
| P.O. Box 4294 | Action Number: | | |
| Houston, TX 772104294 | 297031 | | |
| | Action Type: | | |
| | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) | | |

QUESTIONS

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

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

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

CONDITIONS

Action 297031

CONDITIONS

| Operator: | OGRID: |
|-----------------------|---|
| OXY USA INC | 16696 |
| P.O. Box 4294 | Action Number: |
| Houston, TX 772104294 | 297031 |
| | Action Type: |
| | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

CONDITIONS

| Created By | Condition | Condition Date |
|---------------|---|----------------|
| bhall | Remediation closure approved. A reclamation and revegetation report will need to be submitted when the release area is no longer reasonably needed for production operations or for subsequent drilling operations. | 12/22/2023 |
| bhall | Please review the December 1, 2023 Public Notice titled "Implementation of Digital C-141 and New Incident Statuses" found on the EMNRD website. When the release area is no longer reasonably needed for production operations or for subsequent drilling operations, submit a complete and accurate reclamation report and revegetation report that complies with all of the requirements in 19.15.29.13 NMAC. | 12/22/2023 |