



303 Veterans Airpark Lane Midland, TX 79705

Closure Report

August 21, 2024

Re: Red Lake 28 State K Battery

Case # 2RP-3960, 2RP-3961 nAB1629941525, nAB1629936433

On 10/04/2016 a release occurred due to a nipple corroded. On 10/11/2016 a release occurred due to a pin hole developed in the steel circulating tank. The release (GPS: 32.8027039, -104.1840439) is west of Artesia, New Mexico in unit letter K section 28 township 17S range 28E. A groundwater survey was conducted utilizing NMOSE and USGS wells of record. The nearest well suggest that groundwater beneath the release to be 257 feet below ground surface.

On 1/15/2020 the release area east of the battery was excavated to a depth of 7 feet below ground surface. Final 5-point bottom and wall composite samples were collected and submitted to a commercial laboratory for analysis of chloride, TPH, and BTEX. Laboratory results were above table one standards W1 for TPH. On 1/22/2020 and 2/11/2020 W1 was further excavated, and a final 5-point wall composite sample was submitted to a commercial laboratory. Laboratory results were below table one standards on the sample submitted on 2/11/2021.

On 6/22/2021 delineation samples were collected inside the battery, the pasture area to the south and the top 4 feet for W4 and W5 associated with the 7 feet excavation. All samples collected were submitted to a commercial laboratory for analysis of chloride, TPH, and BTEX. The pasture area south of the battery was excavated to a depth of 3 feet. On 7/13/2021 final 5-point bottom and wall samples were collected not to exceed 200 square feet. All samples collected were submitted to a commercial laboratory for analysis of chloride, TPH, and BTEX. Once all laboratory results were below table one standards and reclamation standards the 7-foot excavation was backfilled with clean imported caliche to ground surface and the pad restored. The 3-foot excavation in the pasture was backfilled with clean imported topsoil to ground surface and contoured to the surrounding area. The pasture area will be reseeded NMSLO Loamy seed mixture.

A deferment request was submitted and denied by OCD due to groundwater not being determined adequately and incomplete delineation. On 8/3/2021 a soil bore (GPS: 32.798190, -104.177687) was drilled to a depth of 104 feet and left open for 72 hours and gauged with no presence of water. The soil bore demonstrates that the depth to groundwater is greater than 104 feet. On 7/31/2024 W2 and W6 were sampled not to exceed 200 square feet and submitted to a commercial laboratory for TPH to complete horizontal delineation. 5-point composite samples were collected at B2 and B3 inside the facility not to exceed 200 square feet and submitted to a commercial laboratory for analysis of TPH. The laboratory analysis of the samples were below table one most stringent remediation standards.

Apache Corporation has remediated the release to below table one standards for releases greater than 100 feet to groundwater and reclaimed the pasture area to the reclamation standards and respectfully request that events nAB1629941525 and nAB1629936433 be closed.

Enclosed: C-141, Maps, Sample Data, Laboratory Results, Photos and Revegetation and Noxious Weed Plan.

Submitted by.

Larry Baker

Environmental Specialist Sr.
larry.baker@apachecorp.com
Cell# 432-250-8384

NM OIL CONSERVATION

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

ARTESIA DISTRICT

OCT 24 2016

Form C-141
Revised August 8, 2011

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

RECEIVED

Release Notification and Corrective Action

NAB1629936433

OPERATOR

Initial Report Final Report

| | |
|--|------------------------------|
| Name of Company: Apache Corporation 873 | Contact Bruce Baker |
| Address: 2350 W Marland Blvd Hobbs, NM 88240 | Telephone No. (432) 631-6982 |
| Facility Name Red Lake K State # 1 Battery | Facility Type: Battery |
| Surface Owner State | Mineral Owner |
| API No. 30-015-33740 | |

LOCATION OF RELEASE

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|--------|
| K | 28 | 17S | 28E | 1650 | FSL | 1650 | FWL | Eddy |

Latitude N32.8027039 Longitude W104.1840439

NATURE OF RELEASE

| | | |
|--|---|---------------------------------------|
| Type of Release: Oil | Volume of Release 45 barrels of Oil | Volume Recovered 42 barrels of Oil |
| Source of Release: Circulating line | Date and Hour of Occurrence 10/10/2016 | Date and Hour of Discovery 10/10/2016 |
| Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom? Mike Bratcher (NMOCD) | |
| By Whom? Bruce Baker | Date and Hour 10/11/2016 via phone and email at 3:09 p.m. | |
| Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, Volume Impacting the Watercourse. | |

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

A release occurred due to pin hole developed in the steel circulating tank. The oil tank was isolated and vacuum truck was dispatched to pick-up standing oil. The line was replaced.

Describe Area Affected and Cleanup Action Taken.* The majority of the release affected the pasture south of the battery.

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

| | | |
|--|--|---------------------|
| Signature: <i>Bruce Baker</i> | OIL CONSERVATION DIVISION | |
| Printed Name: Bruce Baker | Approved by Environmental Specialist: <i>H2</i> | |
| Title: Environmental Technician | Approval Date: 10/25/16 | Expiration Date: NA |
| E-mail Address: larry.bakcr@apachecorp.com | Conditions of Approval: | |
| Date: 10/24/2016 Phone: (432) 631-6982 | Remediation per O.C.D. Rules & Guidelines <input type="checkbox"/> | |

SUBMIT REMEDIATION PROPOSAL NO
LATER THAN: 11/26/16

2RP-39600

* Attach Additional Sheets If Necessary

NM OIL CONSERVATION

ARTESIA DISTRICT

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

OCT 24 2016

Form C-141
Revised August 8, 2011

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

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

RECEIVED

Release Notification and Corrective Action

NAB 1629941525

OPERATOR

Initial Report Final Report

| | | |
|--|-----|------------------------------|
| Name of Company: Apache Corporation | BT3 | Contact: Bruce Baker |
| Address: 2350 W Marland Blvd Hobbs, NM 88240 | | Telephone No. (432) 631-6982 |
| Facility Name Red Lake K State # 1 Battery | | Facility Type: Battery |

| | | |
|---------------------|---------------|----------------------|
| Surface Owner State | Mineral Owner | API No. 30-015-33740 |
|---------------------|---------------|----------------------|

LOCATION OF RELEASE

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|--------|
| K | 28 | 17S | 28E | 1650 | FSL | 1650 | FWL | Eddy |

Latitude N32.8027039 Longitude W104.1840439

NATURE OF RELEASE

| | | |
|--|--|---|
| Type of Release: Oil | Volume of Release 200 barrels of Oil | Volume Recovered 170 barrels of Oil |
| Source of Release: Oil Tank | Date and Hour of Occurrence 10/4/2015 | Date and Hour of Discovery 10/4/2015 at 1:00 p.m. |
| Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom? Mike Bratcher (NMOCD) | |
| By Whom? Bruce Baker | Date and Hour 10/4/2016 via phone and email at 2:37 p.m. | |
| Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, Volume Impacting the Watercourse. | |

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
A release occurred due to a 4"X2" swedge nipple connection between the oil tank and drain/circulating line corroded. The tank was isolated and trucks were dispatched to pick-up standing oil.

Describe Area Affected and Cleanup Action Taken.* The entire release was contained to the secondary containment berm and the swedge nipple was replaced.

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

| | | |
|--|---|----------------------|
| Signature: <i>Bruce Baker</i> | OIL CONSERVATION DIVISION | |
| Printed Name: Bruce Baker | Approved by Environmental Specialist: <i>[Signature]</i> | |
| Title: Environmental Technician | Approval Date: 10/25/16 | Expiration Date: N/A |
| E-mail Address: larry.baker@apachecorp.com | Conditions of Approval: Remediation per O.C.D. Rules & Guidelines Attached <input type="checkbox"/> | |
| Date: 10/24/2016 Phone: (432) 631-6982 | SUBMIT REMEDIATION PROPOSAL NO | |

* Attach Additional Sheets If Necessary
LATER THAN: 11/25/16 2RP-3901

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

Site Assessment/Characterization

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

| | |
|---|---|
| What is the shallowest depth to groundwater beneath the area affected by the release? | <u>257</u> (ft bgs) |
| Did this release impact groundwater or surface water? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a wetland? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying a subsurface mine? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying an unstable area such as karst geology? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within a 100-year floodplain? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Did the release impact areas not on an exploration, development, production, or storage site? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |

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

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

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

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

State of New Mexico
Oil Conservation Division

Page 4

| | |
|----------------|--|
| Incident ID | |
| 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: Larry Baker Title: Environmental Tech SR.
 Signature: *Larry Baker* Date: 7/30/2021
 email: larry.baker@apachecorp.com Telephone: 432-631-6982

OCD Only

Received by: _____ Date: _____

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

Closure

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

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

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

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

Printed Name: Larry Baker Title: Environmental Specialist Sr.
 Signature: *Larry Baker* Date: 08/21/2024
 email: larry.baker@apachecorp.com Telephone: 432-250-8384

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

To: Baker, Larry

Thu 2/16/2023 10:34 AM

To whom it may concern (c/o Larry Baker for APACHE CORPORATION),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAB1629936433, for the following reasons:

- **The depth to groundwater has not been adequately determined. When nearby wells are used to determine depth to groundwater, the wells should be no further than ½ mile away from the site, and data should be no more than 25 years old, and well construction information should be provided in the submission. The responsible party may choose to remediate to the most stringent levels listed in Table 1 of 19.15.29 NMAC in lieu of drilling to determine the depth to groundwater.**
- **Horizontal and vertical delineation submitted was incomplete and did not meet the requirements of 19.15.29.11 NMAC. The values for determination of horizontal impact are derived by either approved “background” values or Table I Closure Criteria for releases where groundwater is at a depth of 50 feet or less. This is especially important for “on-pad” releases to ensure the release did not extend to the “off-pad”/pasture area. A visual footprint on the surface is not sufficient to assess the horizontal extent of the release. Laboratory data must be provided as evidence of delineation efforts. Any sample exceeding approved “background” values or Table I Closure Criteria for releases where groundwater is at a depth of 50 feet or less requires additional samples for horizontal delineation.**
- **Submit report via the OCD permitting portal by 5/18/2023.**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 167476.

Please review and make the required correction(s) prior to resubmitting.

If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

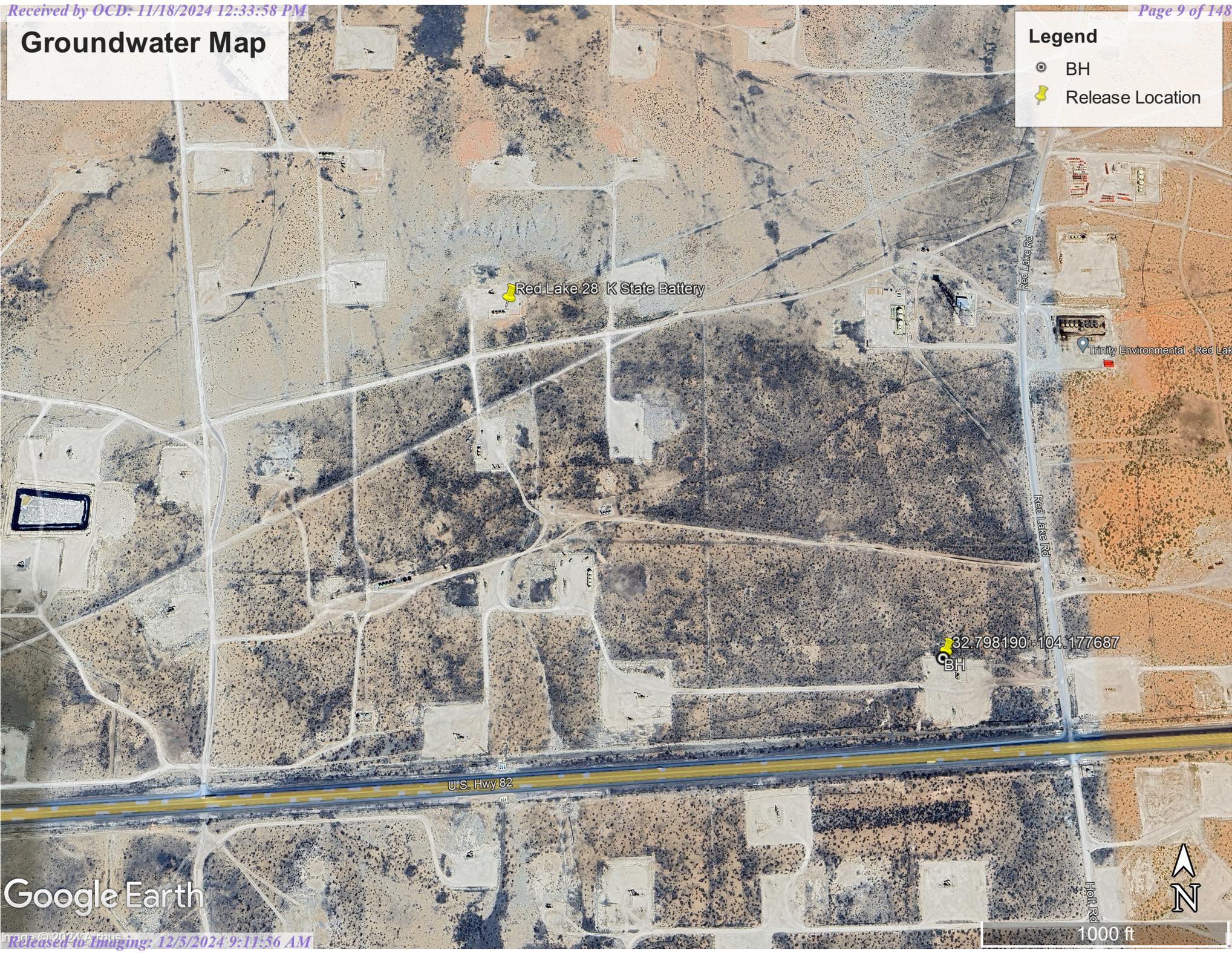
Thank you,
Ashley Maxwell
Projects Environmental Specialist - A
505-635-5000
Ashley.Maxwell@emnrd.nm.gov

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

Groundwater Map

Legend

-  BH
-  Release Location



Red Lake 28 K State Battery

Trinity Environmental - Red Lak

32.798190 -104.177687
BH

U.S. Hwy 82

Red Lake Rd

Red Lake Rd

Holt Rd

Google Earth

1000 ft





Red Lake 28 K State Battery
W4 B2 W3 SW

USGS 324724104082301

8151 ft



USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

[USGS Water Resources](#)

Data Category:

Groundwater

Geographic Area:

New Mexico

GO

Click to hide News Bulletins

- [Please see news on new formats](#)
- [Full News](#)

Groundwater levels for New Mexico

Click to hide state-specific text

Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 324724104082301

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 324724104082301 17S.28E.35.42233

Available data for this site

Groundwater: Field measurements

GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°47'24", Longitude 104°08'23" NAD27

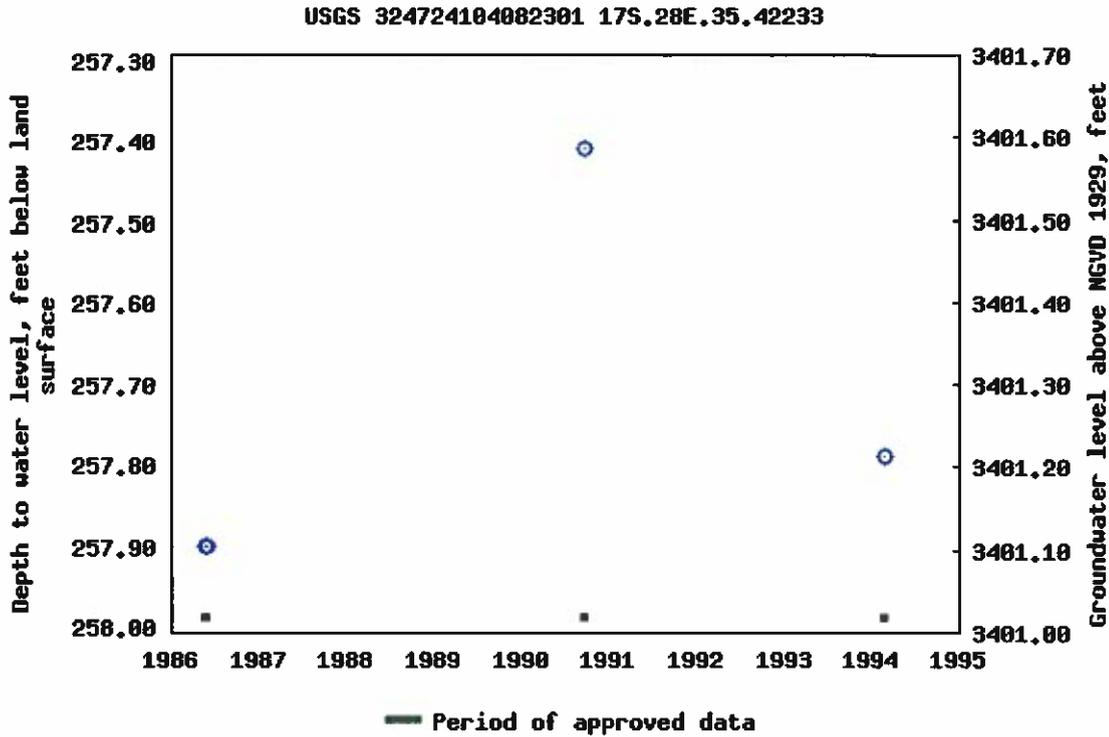
Land-surface elevation 3,659 feet above NGVD29

The depth of the well is 280.00 feet below land surface.

This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

| |
|------------------------------------|
| Table of data |
| Tab-separated data |
| Graph of data |
| Reselect period |



Breaks in the plot represent a gap of at least one year between field measurements.

[Download a presentation-quality graph](#)

- [Questions about sites/data?](#)
- [Feedback on this web site](#)
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[Accessibility](#) [Plug-Ins](#) [FOIA](#) [Privacy](#) [Policies and Notices](#)

[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

Title: Groundwater for New Mexico: Water Levels

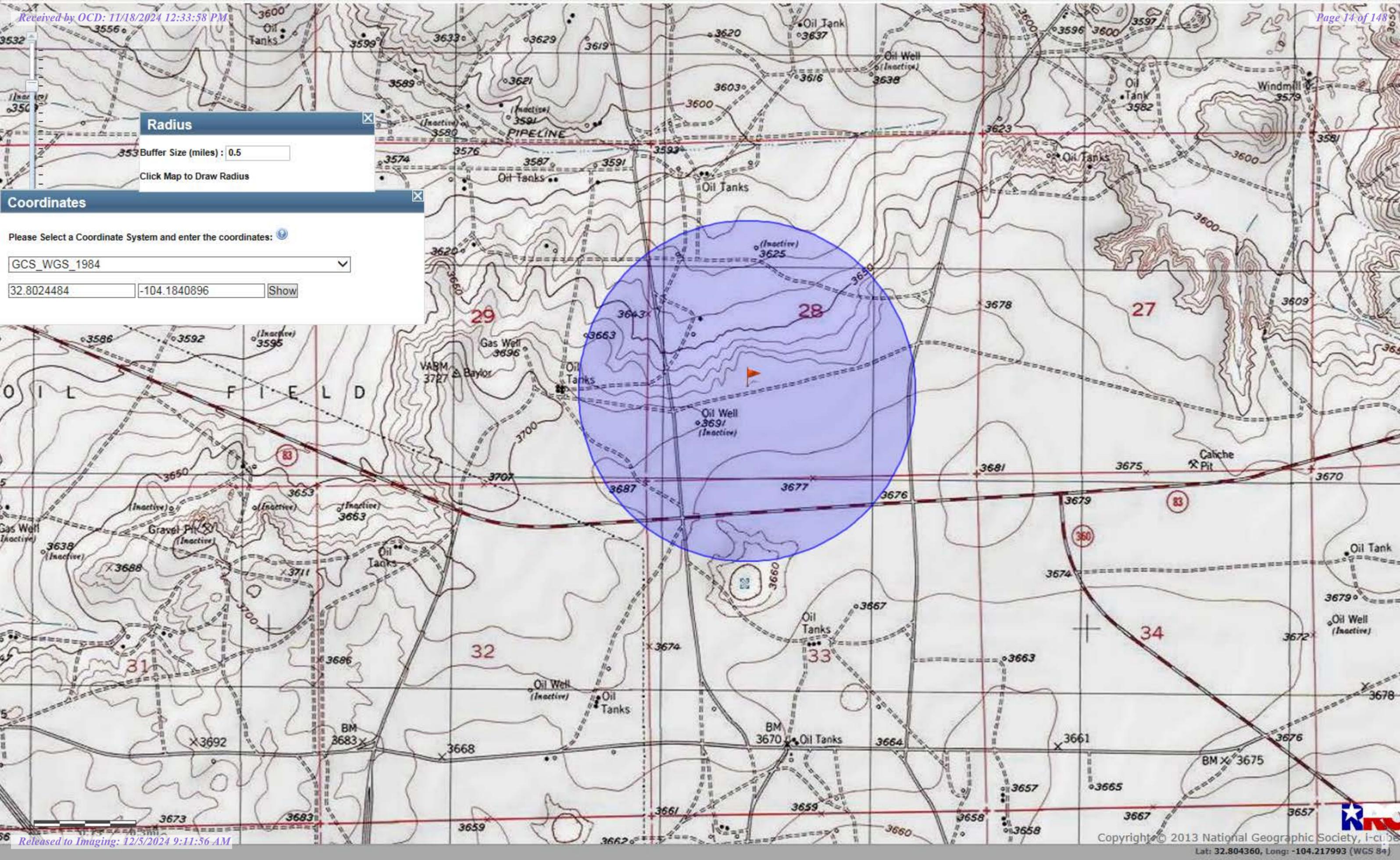
URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>



Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2018-12-03 16:31:20 EST

1.05 0.92 nadww01



Radius

353 Buffer Size (miles) : 0.5

Click Map to Draw Radius

Coordinates

Please Select a Coordinate System and enter the coordinates:

GCS_WGS_1984

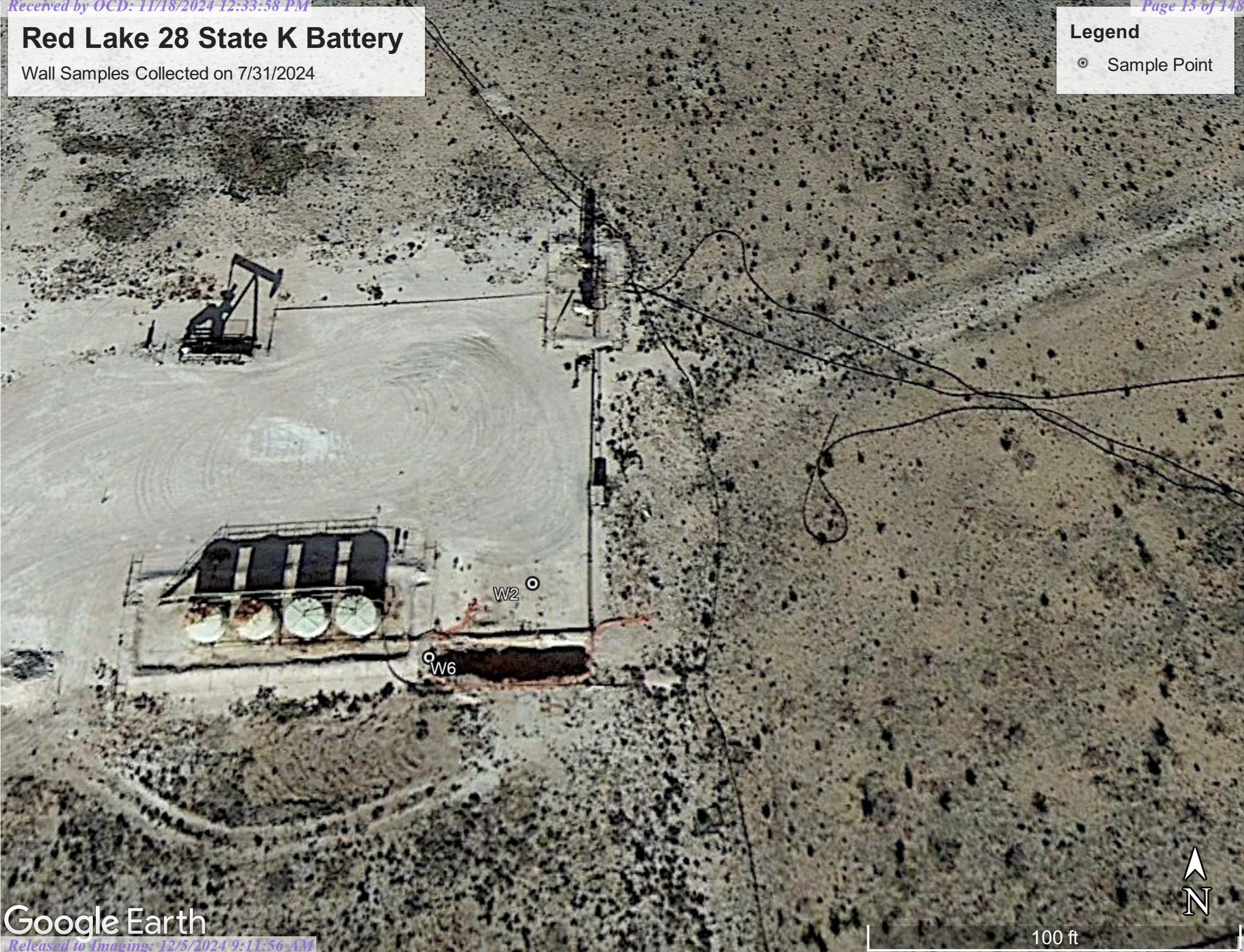
32.8024484 -104.1840896 Show

Red Lake 28 State K Battery

Wall Samples Collected on 7/31/2024

Legend

○ Sample Point



Additional Final Samples taken on 7/31/2024

| Sample Date | Sample ID | Depth | Chloride Lab | Benzene | Toulene | Ethybenzene | Total Xylenes | Total BTEX | GRO | DRO | EXT DRO | GPS Coordinates |
|-------------|-----------|-------|--------------|---------|---------|-------------|---------------|------------|-------|-------|---------|-----------------------------|
| 7/31/2024 | B2 | 0-3" | | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | |
| | B3 | 0-3" | | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 34.8 | 24.6 | |
| | W2 | 0-3" | | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | 32.8024917 -104.1837161 |
| | W6 | 0-3" | | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | 32.8024253, -104.1838170 |
| | | | | | | | | | | | | |
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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

August 06, 2024

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: RED LAKE 28 STATE "K" BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 07/31/24 16:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|-------------------------------|---------------------|---------------|
| Received: | 07/31/2024 | Sampling Date: | 07/31/2024 |
| Reported: | 08/06/2024 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 STATE "K" BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Alyssa Parras |
| Project Location: | NOT GIVEN | | |

Sample ID: B 2 @ 0-3" (H244580-01)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 08/01/2024 | ND | 1.94 | 97.2 | 2.00 | 0.851 | |
| Toluene* | <0.050 | 0.050 | 08/01/2024 | ND | 1.92 | 96.1 | 2.00 | 1.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/01/2024 | ND | 1.95 | 97.3 | 2.00 | 2.47 | |
| Total Xylenes* | <0.150 | 0.150 | 08/01/2024 | ND | 5.77 | 96.2 | 6.00 | 3.11 | |
| Total BTEX | <0.300 | 0.300 | 08/01/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 71.5-134

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 08/06/2024 | ND | 187 | 93.6 | 200 | 7.06 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/06/2024 | ND | 193 | 96.4 | 200 | 6.39 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/06/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 74.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.7 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|-------------------------------|---------------------|---------------|
| Received: | 07/31/2024 | Sampling Date: | 07/31/2024 |
| Reported: | 08/06/2024 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 STATE "K" BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Alyssa Parras |
| Project Location: | NOT GIVEN | | |

Sample ID: B 3 @ 0-3" (H244580-02)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 08/01/2024 | ND | 1.94 | 97.2 | 2.00 | 0.851 | | |
| Toluene* | <0.050 | 0.050 | 08/01/2024 | ND | 1.92 | 96.1 | 2.00 | 1.45 | | |
| Ethylbenzene* | <0.050 | 0.050 | 08/01/2024 | ND | 1.95 | 97.3 | 2.00 | 2.47 | | |
| Total Xylenes* | <0.150 | 0.150 | 08/01/2024 | ND | 5.77 | 96.2 | 6.00 | 3.11 | | |
| Total BTEX | <0.300 | 0.300 | 08/01/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 71.5-134

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 08/01/2024 | ND | 187 | 93.6 | 200 | 7.06 | | |
| DRO >C10-C28* | 34.8 | 10.0 | 08/01/2024 | ND | 193 | 96.4 | 200 | 6.39 | | |
| EXT DRO >C28-C36 | 24.8 | 10.0 | 08/01/2024 | ND | | | | | | |

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|-------------------------------|---------------------|---------------|
| Received: | 07/31/2024 | Sampling Date: | 07/31/2024 |
| Reported: | 08/06/2024 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 STATE "K" BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Alyssa Parras |
| Project Location: | NOT GIVEN | | |

Sample ID: W 2 BGS 0-3" (H244580-03)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 08/01/2024 | ND | 1.94 | 97.2 | 2.00 | 0.851 | |
| Toluene* | <0.050 | 0.050 | 08/01/2024 | ND | 1.92 | 96.1 | 2.00 | 1.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/01/2024 | ND | 1.95 | 97.3 | 2.00 | 2.47 | |
| Total Xylenes* | <0.150 | 0.150 | 08/01/2024 | ND | 5.77 | 96.2 | 6.00 | 3.11 | |
| Total BTEX | <0.300 | 0.300 | 08/01/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 71.5-134

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 08/06/2024 | ND | 187 | 93.6 | 200 | 7.06 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/06/2024 | ND | 193 | 96.4 | 200 | 6.39 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/06/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 76.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|-------------------------------|---------------------|---------------|
| Received: | 07/31/2024 | Sampling Date: | 07/31/2024 |
| Reported: | 08/06/2024 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 STATE "K" BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Alyssa Parras |
| Project Location: | NOT GIVEN | | |

Sample ID: W 6 BGS 0-3" (H244580-04)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 08/01/2024 | ND | 1.94 | 97.2 | 2.00 | 0.851 | |
| Toluene* | <0.050 | 0.050 | 08/01/2024 | ND | 1.92 | 96.1 | 2.00 | 1.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/01/2024 | ND | 1.95 | 97.3 | 2.00 | 2.47 | |
| Total Xylenes* | <0.150 | 0.150 | 08/01/2024 | ND | 5.77 | 96.2 | 6.00 | 3.11 | |
| Total BTEX | <0.300 | 0.300 | 08/01/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 08/01/2024 | ND | 187 | 93.6 | 200 | 7.06 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/01/2024 | ND | 193 | 96.4 | 200 | 6.39 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/01/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 87.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



July 30, 2021

Mr. Bradford Billings
State of New Mexico Oil Conservation Division
1220 South St Francis Drive
Santa Fe, NM 87505

RE: 2RP-3960, 2RP-3961 Red Lake 28 K State Battery

Mr. Billings,

In compliance with 19.15.29.15(B) NMAC and the agreement submitted by Apache Corporation on November 8, 2018. Apache Corporation is submitting information related to closure for the release occurring October 4 and 11, 2016. Apache is respectfully submitting the deferment request based on remediation and studies occurring in 2021.

If there are any questions, please feel free to contact me by telephone at 432-631-6982 or by e-mail at larry.baker@apachecorp.com

Sincerely,

A handwritten signature in black ink that reads "Larry Baker".

Larry Baker
Environmental Technician SR.
Apache Corporation

Attachment: Closure Report Dated July 30, 2021.



303 Veterans Airpark Lane Midland, TX 79705

Deferment Request

July 30, 2021

Re: Red Lake 28 State K Battery
Case # 2RP-3960, 2RP-3961

On 10/04/2016 a release occurred due to a nipple corroded. On 10/11/2016 a release occurred due to a pin hole developed in the steel circulating tank. The release (GPS: 32.8027039, -104.1840439) is west of Artesia, New Mexico in unit letter K section 28 township 17S range 28E. A groundwater survey was conducted utilizing NMOSE and USGS wells of record. The nearest well suggest that groundwater beneath the release to be 257 feet below ground surface.

On 1/15/2020 the release area east of the battery was excavated to a depth of 7 feet below ground surface. Final 5 point bottom and wall composite samples were collected and submitted to a commercial laboratory for analysis of chloride, TPH, and BTEX. Laboratory results were above table one standards W1 for TPH. On 1/22/2020 and 2/11/2020 W1 was further excavated and a final 5 point wall composite sample was submitted to a commercial laboratory. Laboratory results were below table one standards on the sample submitted on 2/11/2021.

On 6/22/2021 delineation samples were collected inside the battery, the pasture area to the south and the top 4 feet for W4 and W5 associated with the 7 feet excavation. All samples collected were submitted to a commercial laboratory for analysis of chloride, TPH, and BTEX. The pasture area south of the battery was excavated to a depth of 3 feet. On 7/13/2021 final 5 point bottom and wall samples were collected not to exceed 200 square feet. All samples collected were submitted to a commercial laboratory for analysis of chloride, TPH, and BTEX. Once all laboratory results were below table one standards and reclamation standards the 7 foot excavation was backfilled with clean imported caliche to ground surface and the pad restored. The 3 foot excavation in the pasture was backfilled with clean imported top soil to ground surface and contoured to the surrounding area. The pasture area will be reseeded NMSLO Loamy seed mixture.

Apache respectfully request deferment of the release are inside the battery until system abandonment.

Enclosed: C-141, Maps, Sample Data, Laboratory Results, Photos and Revegetation and Noxious Weed Plan.

Submitted by;

Bruce Baker

Environmental Technician SR.
larry.baker@apachecorp.com
Cell# 432-631-6982

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

NM OIL CONSERVATION

ARTESIA DISTRICT

OCT 24 2016

Form C-141
Revised August 8, 2011

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

RECEIVED

Release Notification and Corrective Action

NAB1629936433

OPERATOR

Initial Report Final Report

| | |
|--|------------------------------|
| Name of Company: Apache Corporation 873 | Contact Bruce Baker |
| Address: 2350 W Marland Blvd Hobbs, NM 88240 | Telephone No. (432) 631-6982 |
| Facility Name Red Lake K State # 1 Battery | Facility Type: Battery |
| Surface Owner State | Mineral Owner |
| API No. 30-015-33740 | |

LOCATION OF RELEASE

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|--------|
| K | 28 | 17S | 28E | 1650 | FSL | 1650 | FWL | Eddy |

Latitude N32.8027039 Longitude W104.1840439

NATURE OF RELEASE

| | | |
|--|---|---------------------------------------|
| Type of Release: Oil | Volume of Release 45 barrels of Oil | Volume Recovered 42 barrels of Oil |
| Source of Release: Circulating line | Date and Hour of Occurrence 10/10/2016 | Date and Hour of Discovery 10/10/2016 |
| Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom? Mike Bratcher (NMOCD) | |
| By Whom? Bruce Baker | Date and Hour 10/11/2016 via phone and email at 3:09 p.m. | |
| Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, Volume Impacting the Watercourse. | |

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

A release occurred due to pin hole developed in the steel circulating tank. The oil tank was isolated and vacuum truck was dispatched to pick-up standing oil. The line was replaced.

Describe Area Affected and Cleanup Action Taken.* The majority of the release affected the pasture south of the battery.

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

| | | |
|--|--|---------------------|
| Signature: <i>Bruce Baker</i> | OIL CONSERVATION DIVISION | |
| Printed Name: Bruce Baker | Approved by Environmental Specialist: <i>H2</i> | |
| Title: Environmental Technician | Approval Date: 10/25/16 | Expiration Date: NA |
| E-mail Address: larry.bakcr@apachecorp.com | Conditions of Approval: | |
| Date: 10/24/2016 Phone: (432) 631-6982 | Remediation per O.C.D. Rules & Guidelines <input type="checkbox"/> | |

SUBMIT REMEDIATION PROPOSAL NO
LATER THAN: 11/26/16

2RP-39600

* Attach Additional Sheets If Necessary

NM OIL CONSERVATION

ARTESIA DISTRICT

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

OCT 24 2016

Form C-141
Revised August 8, 2011

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

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

RECEIVED

Release Notification and Corrective Action

NAB 1629941525

OPERATOR

Initial Report Final Report

| | | |
|--|------------|------------------------------|
| Name of Company: Apache Corporation | <i>BT3</i> | Contact: Bruce Baker |
| Address: 2350 W Marland Blvd Hobbs, NM 88240 | | Telephone No. (432) 631-6982 |
| Facility Name: Red Lake K State # 1 Battery | | Facility Type: Battery |

| | | |
|---------------------|---------------|----------------------|
| Surface Owner State | Mineral Owner | API No. 30-015-33740 |
|---------------------|---------------|----------------------|

LOCATION OF RELEASE

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|--------|
| K | 28 | 17S | 28E | 1650 | FSL | 1650 | FWL | Eddy |

Latitude N32.8027039 Longitude W104.1840439

NATURE OF RELEASE

| | | |
|--|---|--|
| Type of Release: Oil | Volume of Release: 200 barrels of Oil | Volume Recovered: 170 barrels of Oil |
| Source of Release: Oil Tank | Date and Hour of Occurrence: 10/4/2015 | Date and Hour of Discovery: 10/4/2015 at 1:00 p.m. |
| Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom? Mike Bratcher (NMOCD) | |
| By Whom? Bruce Baker | Date and Hour: 10/4/2016 via phone and email at 2:37 p.m. | |
| Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, Volume Impacting the Watercourse. | |

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
A release occurred due to a 4"X2" swedge nipple connection between the oil tank and drain/circulating line corroded. The tank was isolated and trucks were dispatched to pick-up standing oil.

Describe Area Affected and Cleanup Action Taken.* The entire release was contained to the secondary containment berm and the swedge nipple was replaced.

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

| | | |
|--|---|-----------------------------|
| Signature: <i>Bruce Baker</i> | OIL CONSERVATION DIVISION | |
| Printed Name: Bruce Baker | Approved by Environmental Specialist: <i>[Signature]</i> | |
| Title: Environmental Technician | Approval Date: <i>10/25/16</i> | Expiration Date: <i>N/A</i> |
| E-mail Address: larry.baker@apachecorp.com | Conditions of Approval: Remediation per O.C.D. Rules & Guidelines Attached <input type="checkbox"/> | |
| Date: 10/24/2016 Phone: (432) 631-6982 | SUBMIT REMEDIATION PROPOSAL NO | |

LATER THAN: 11/25/16 *2RP-3901*

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

Site Assessment/Characterization

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

| | |
|---|---|
| What is the shallowest depth to groundwater beneath the area affected by the release? | <u>257</u> (ft bgs) |
| Did this release impact groundwater or surface water? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a wetland? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying a subsurface mine? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying an unstable area such as karst geology? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within a 100-year floodplain? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Did the release impact areas not on an exploration, development, production, or storage site? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |

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

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

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

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

State of New Mexico
Oil Conservation Division

| | |
|----------------|--|
| Incident ID | |
| 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: Larry Baker Title: Environmental Tech SR.

Signature: *Larry Baker* Date: 7/30/2021

email: larry.baker@apachecorp.com Telephone: 432-631-6982

OCD Only

Received by: _____ Date: _____

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

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 19.15.29.12(C)(4) NMAC
- Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation.

- Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- 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 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: Larry Baker Title: Environmental Tech SR.
 Signature: *Larry Baker* Date: 7/30/2021
 email: larry.baker@apachecorp.com Telephone: 432-631-6982

OCD Only

Received by: _____ Date: _____

- Approved Approved with Attached Conditions of Approval Denied Deferral Approved

Signature: _____ Date: _____



Red Lake 28 K State Battery
W4 B2 W3 SW

USGS 324724104082301

8151 ft

Google Earth



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National Water Information System: Web Interface

[USGS Water Resources](#)

Data Category:

Groundwater

Geographic Area:

New Mexico

GO

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Groundwater levels for New Mexico

Click to hide state-specific text

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Agency code = usgs

site_no list =

- 324724104082301

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 324724104082301 17S.28E.35.42233

Available data for this site

Groundwater: Field measurements

GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°47'24", Longitude 104°08'23" NAD27

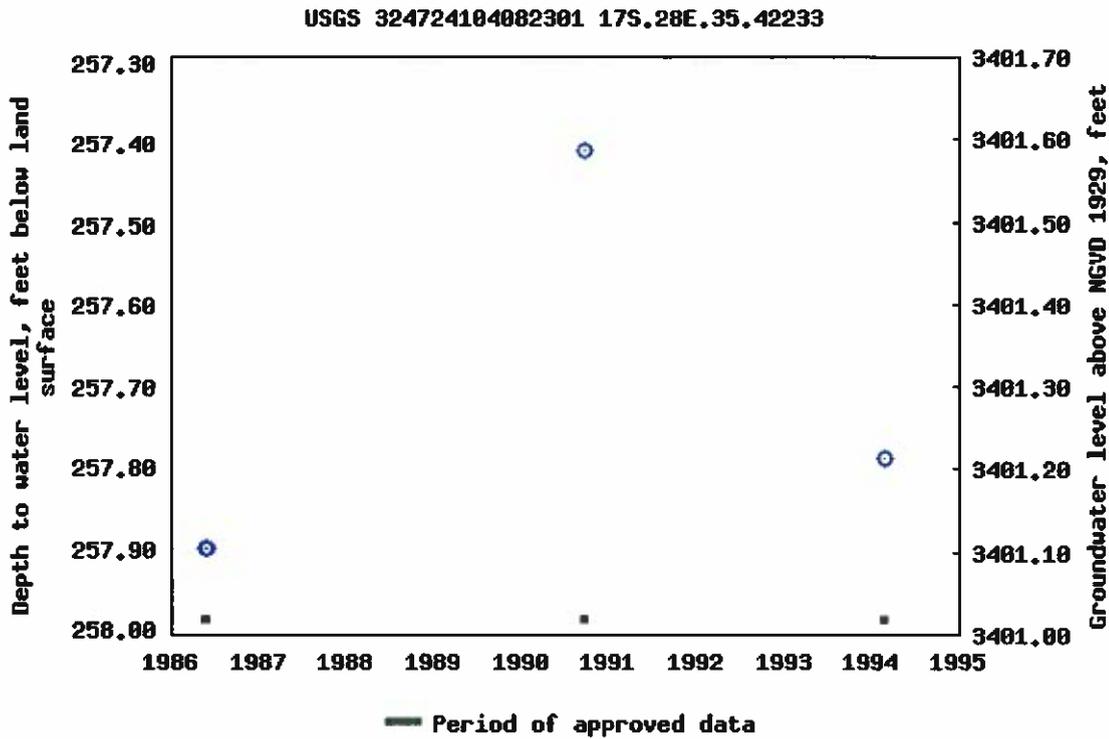
Land-surface elevation 3,659 feet above NGVD29

The depth of the well is 280.00 feet below land surface.

This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

| |
|------------------------------------|
| Table of data |
| Tab-separated data |
| Graph of data |
| Reselect period |



Breaks in the plot represent a gap of at least one year between field measurements.

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Title: Groundwater for New Mexico: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>



Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2018-12-03 16:31:20 EST

1.05 0.92 nadww01



SP 3

SP 7

SP-8

S-4

S-2

S-6

S-5

Google Earth

50 ft



Final Samples 2021

| Sample Date | Sample ID | Depth | Chloride Lab | Benzene | Toulene | Ethybenzene | Total Xylenes | Total BTEX | GRO | DRO | EXT DRO |
|-------------|-----------|-------|--------------|---------|---------|-------------|---------------|------------|-------|-------|---------|
| 6/21/2021 | SP 6 W1 | 0-4' | 16 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 24.5 | <10.0 |
| 6/21/2021 | SP 6 B1 | 4' | 48 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 |
| 6/21/2021 | SP6 B2 | 4' | 16 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 64.4 | <10.0 |
| 6/21/2021 | SP6 B2 | 4' | <16.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 71.8 | <10.0 |
| 6/21/2021 | SP 6 B4 | 4' | 32 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 30.1 | <10.0 |
| 6/21/2021 | SP 6 B5 | 4' | <16.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 |
| 6/21/2021 | SP 6 B6 | 4' | <16.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 81.9 | 11.5 |
| 6/29/2021 | SP 6 SP 7 | 5' | | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 |
| 6/29/2021 | | 6' | | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 |
| 6/29/2021 | | 7' | | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 |
| 6/29/2021 | | 8' | | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 |
| | SP 6 SP 8 | 5' | | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 50.7 | 28.9 |
| | | 6' | | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 |
| | | 7' | | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 |
| | | 8' | | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 |
| 6/21/2021 | SP 5 W2 | 0-1' | <16.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 75.7 | <10.0 |
| 6/21/2021 | SP 5 B7 | 0-1' | 16 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 10.2 | <10.0 |
| 6/21/2021 | SP 5 B8 | 0-1' | 32 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 |
| 6/21/2021 | SP 1 | 1' | 16 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 |
| 6/21/2021 | SP 2 | 1' | 16 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 |
| 6/21/2021 | SP 3 | 1' | 32 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 |
| 6/21/2021 | | 2' | 16 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 |
| 6/21/2021 | SP 4 | 6" | 32 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 |
| 7/13/2021 | SP 7 | 1' | | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 361 | 133 |
| | | | | | | | | | | | |
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7' Excavation Final Samples

| Sample Date | Sample ID | Depth | Chloride Lab | Benzene | Toulene | Ethybenzene | Total Xylenes | Total BTEX | GRO | DRO | EXT DRO | GPS Coordinates |
|-------------|-----------|-------|--------------|---------|---------|-------------|---------------|------------|-------|-------|---------|-----------------------------|
| 1/15/2020 | B1 | 7' | 32 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | 32.8024315, -104.1837918 |
| 1/15/2020 | B2 | 7' | 16 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | 32.8024366, -104.1837016 |
| 1/15/2020 | W1 | 0-7' | 32 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 1010 | 201 | 32.8024388 -104.1837918 |
| 1/22/2020 | W1 | 0-7' | | <0.050 | <0.050 | <0.050 | 0.234 | <0.300 | 46.7 | 1060 | 217 | |
| 2/11/2020 | W1 | 0-7' | | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | 32.8024557 -104.1837865 |
| 1/15/2020 | W2 | 0-7' | 32 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 636 | 95.2 | 32.8024436 -104.1836973 |
| 1/15/2020 | W3 | 0-7' | 304 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | 32.8024363 -104.1836594 |
| 1/15/2020 | W4 | 0-7' | 16 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 889 | 271 | 32.8024138 -104.1837047 |
| 6/22/2021 | W4 | 1-4' | 32 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | |
| 1/15/2020 | W5 | 0-7' | 64 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 15.4 | 880 | 161 | 32.8024115 -104.1837724 |
| 6/22/2021 | W5 | 1-4' | 192 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 477 | 139 | |
| 7/6/2021 | W5 | 1-8' | | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 206 | 51.9 | |
| 7/13/2021 | W5 | 1-8' | | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | |
| 1/15/2020 | W6 | 0-7' | 128 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 604 | 157 | 32.8024318 -104.1838190 |

Surface Composite Samples

| Sample Date | Sample ID | Depth | Chloride Lab | Benzene | Toulene | Ethybenzene | Total Xylenes | Total BTEX | GRO | DRO | EXT DRO | GPS Coordinates |
|-------------|-----------|---------|--------------|---------|---------|-------------|---------------|------------|-------|-------|---------|------------------------------|
| 6/22/2021 | B1 | Surface | 96 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 892 | 260 | 32.8024484, -104.1840896 |
| 6/22/2021 | B2 | Surface | 160 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 1110 | 309 | 32.8024467, -104.1840641 |
| 6/22/2021 | B3 | Surface | 128 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 1130 | 331 | 32.8024402, -104.1840285 |
| 6/22/2021 | B4 | Surface | 64 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 171 | 52.6 | 32.8024448, -104.1839719 |
| 6/22/2021 | B5 | Surface | 112 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 817 | 373 | 32.8024411, -104.1839420 |
| 6/22/2021 | B6 | Surface | 80 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 462 | 190 | 32.8024428, -104.1839142 |
| 6/22/2021 | B7 | Surface | 64 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | 32.8024484, -104.1838787 |
| 6/22/2021 | B8 | Surface | 80 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 75.4 | 12.7 | 32.8024650, -104.1838592 |
| 6/22/2021 | B9 | Surface | 16 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 178 | 67.4 | 32.8023303, -104.1839625 |
| 6/22/2021 | B10 | Surface | <16 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | 32.8023441, -104.1839273 |
| 6/22/2021 | B11 | Surface | <16 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | 32.8023371, -104.1838847 |
| 6/22/2021 | B12 | Surface | <16 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 10.9 | <10.0 | 32.8023580, -104.1838317 |
| 6/22/2021 | NW | Surface | 16 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | 32.8024972, -104.1839658 |
| 6/22/2021 | SW | Surface | <16 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | 32.8024157, -104.1839551 |
| 6/22/2021 | WW | Surface | <16 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | 32.8024532, -104.1838277 |
| 6/22/2021 | EW | Surface | 16 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | 32.80244634, -104.1841070 |

3' Excavation Final Composite Samples

| Sample Date | Sample ID | Depth | Chloride Lab | Benzene | Toulene | Ethybenzene | Total Xylenes | Total BTEX | GRO | DRO | EXT DRO | GPS Coordinates |
|-------------|-----------|-------|--------------|---------|---------|-------------|---------------|------------|-------|-------|---------|-----------------------------|
| 7/7/2021 | NW | 0-3' | 96 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | 32.802371, -104.183904 |
| 7/7/2021 | SW | 0-3' | 144 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | 32.802304, -104.183883 |
| 7/7/2021 | EW | 0-3' | 128 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | 32.802360, -104.183817 |
| 7/7/2021 | WW | 0-3' | 80 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | 32.802326, -104.183981 |
| 7/7/2021 | B9 | 3' | 80 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | 32.8023303, -104.1839625 |
| 7/7/2021 | B10 | 3' | 128 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | 32.8023441, -104.1839273 |
| 7/7/2021 | B11 | 3' | 64 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | 32.8023371, -104.1838847 |
| 7/7/2021 | B12 | 3' | 112 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | 32.8023580, -104.1838317 |



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

January 22, 2020

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: RED LAKE 28 ST K BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 01/15/20 15:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-19-12. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, flowing "C" and "K".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 01/15/2020 | Sampling Date: | 01/15/2020 |
| Reported: | 01/22/2020 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: B 1 @ 7' 32.8024315-104.1837918 (H000140-01)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 01/20/2020 | ND | 2.03 | 101 | 2.00 | 6.41 | |
| Toluene* | <0.050 | 0.050 | 01/20/2020 | ND | 1.99 | 99.5 | 2.00 | 6.82 | |
| Ethylbenzene* | <0.050 | 0.050 | 01/20/2020 | ND | 2.02 | 101 | 2.00 | 6.58 | |
| Total Xylenes* | <0.150 | 0.150 | 01/20/2020 | ND | 5.85 | 97.5 | 6.00 | 5.67 | |
| Total BTEX | <0.300 | 0.300 | 01/20/2020 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 01/17/2020 | ND | 432 | 108 | 400 | 3.64 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/18/2020 | ND | 224 | 112 | 200 | 0.417 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/18/2020 | ND | 229 | 115 | 200 | 2.47 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/18/2020 | ND | | | | | |

Surrogate: 1-Chlorooctane 98.2 % 41-142

Surrogate: 1-Chlorooctadecane 100 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 01/15/2020 | Sampling Date: | 01/15/2020 |
| Reported: | 01/22/2020 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: B 2 @ 7' 32.8024366-104.1837016 (H000140-02)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 01/17/2020 | ND | 2.07 | 104 | 2.00 | 10.5 | |
| Toluene* | <0.050 | 0.050 | 01/17/2020 | ND | 2.08 | 104 | 2.00 | 10.8 | |
| Ethylbenzene* | <0.050 | 0.050 | 01/17/2020 | ND | 2.11 | 106 | 2.00 | 10.6 | |
| Total Xylenes* | <0.150 | 0.150 | 01/17/2020 | ND | 6.19 | 103 | 6.00 | 10.9 | |
| Total BTEX | <0.300 | 0.300 | 01/17/2020 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 01/17/2020 | ND | 432 | 108 | 400 | 3.64 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/18/2020 | ND | 224 | 112 | 200 | 0.417 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/18/2020 | ND | 229 | 115 | 200 | 2.47 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/18/2020 | ND | | | | | |

Surrogate: 1-Chlorooctane 95.7 % 41-142

Surrogate: 1-Chlorooctadecane 98.3 % 37.6-147

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 01/15/2020 | Sampling Date: | 01/15/2020 |
| Reported: | 01/22/2020 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: W 1 32.8024388-104.1837918 (H000140-03)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 01/17/2020 | ND | 2.07 | 104 | 2.00 | 10.5 | |
| Toluene* | <0.050 | 0.050 | 01/17/2020 | ND | 2.08 | 104 | 2.00 | 10.8 | |
| Ethylbenzene* | <0.050 | 0.050 | 01/17/2020 | ND | 2.11 | 106 | 2.00 | 10.6 | GC-NC |
| Total Xylenes* | <0.150 | 0.150 | 01/17/2020 | ND | 6.19 | 103 | 6.00 | 10.9 | |
| Total BTEX | <0.300 | 0.300 | 01/17/2020 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 113 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 01/17/2020 | ND | 432 | 108 | 400 | 3.64 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/18/2020 | ND | 224 | 112 | 200 | 0.417 | |
| DRO >C10-C28* | 1010 | 10.0 | 01/18/2020 | ND | 229 | 115 | 200 | 2.47 | |
| EXT DRO >C28-C36 | 201 | 10.0 | 01/18/2020 | ND | | | | | |

Surrogate: 1-Chlorooctane 82.7 % 41-142

Surrogate: 1-Chlorooctadecane 95.0 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 01/15/2020 | Sampling Date: | 01/15/2020 |
| Reported: | 01/22/2020 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: W 2 32.8024436-104.1836973 (H000140-04)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 01/17/2020 | ND | 2.07 | 104 | 2.00 | 10.5 | |
| Toluene* | <0.050 | 0.050 | 01/17/2020 | ND | 2.08 | 104 | 2.00 | 10.8 | |
| Ethylbenzene* | <0.050 | 0.050 | 01/17/2020 | ND | 2.11 | 106 | 2.00 | 10.6 | |
| Total Xylenes* | <0.150 | 0.150 | 01/17/2020 | ND | 6.19 | 103 | 6.00 | 10.9 | |
| Total BTEX | <0.300 | 0.300 | 01/17/2020 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 01/17/2020 | ND | 432 | 108 | 400 | 3.64 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/18/2020 | ND | 224 | 112 | 200 | 0.417 | |
| DRO >C10-C28* | 636 | 10.0 | 01/18/2020 | ND | 229 | 115 | 200 | 2.47 | |
| EXT DRO >C28-C36 | 95.2 | 10.0 | 01/18/2020 | ND | | | | | |

Surrogate: 1-Chlorooctane 92.2 % 41-142

Surrogate: 1-Chlorooctadecane 98.1 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 01/15/2020 | Sampling Date: | 01/15/2020 |
| Reported: | 01/22/2020 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: W 3 32.8024363-104.1836594 (H000140-05)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 01/17/2020 | ND | 2.07 | 104 | 2.00 | 10.5 | |
| Toluene* | <0.050 | 0.050 | 01/17/2020 | ND | 2.08 | 104 | 2.00 | 10.8 | |
| Ethylbenzene* | <0.050 | 0.050 | 01/17/2020 | ND | 2.11 | 106 | 2.00 | 10.6 | |
| Total Xylenes* | <0.150 | 0.150 | 01/17/2020 | ND | 6.19 | 103 | 6.00 | 10.9 | |
| Total BTEX | <0.300 | 0.300 | 01/17/2020 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 304 | 16.0 | 01/17/2020 | ND | 432 | 108 | 400 | 3.64 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/18/2020 | ND | 224 | 112 | 200 | 0.417 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/18/2020 | ND | 229 | 115 | 200 | 2.47 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/18/2020 | ND | | | | | |

Surrogate: 1-Chlorooctane 90.0 % 41-142

Surrogate: 1-Chlorooctadecane 94.2 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 01/15/2020 | Sampling Date: | 01/15/2020 |
| Reported: | 01/22/2020 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: WALL 4 32.8024138-104.1837047 (H000140-06)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 01/17/2020 | ND | 2.07 | 104 | 2.00 | 10.5 | |
| Toluene* | <0.050 | 0.050 | 01/17/2020 | ND | 2.08 | 104 | 2.00 | 10.8 | |
| Ethylbenzene* | <0.050 | 0.050 | 01/17/2020 | ND | 2.11 | 106 | 2.00 | 10.6 | |
| Total Xylenes* | <0.150 | 0.150 | 01/17/2020 | ND | 6.19 | 103 | 6.00 | 10.9 | |
| Total BTEX | <0.300 | 0.300 | 01/17/2020 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 01/17/2020 | ND | 432 | 108 | 400 | 3.64 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|----------------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/18/2020 | ND | 224 | 112 | 200 | 0.417 | |
| DRO >C10-C28* | 889 | 10.0 | 01/18/2020 | ND | 229 | 115 | 200 | 2.47 | |
| EXT DRO >C28-C36 | 271 | 10.0 | 01/18/2020 | ND | | | | | |

Surrogate: 1-Chlorooctane 85.6 % 41-142

Surrogate: 1-Chlorooctadecane 103 % 37.6-147

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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 01/15/2020 | Sampling Date: | 01/15/2020 |
| Reported: | 01/22/2020 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: WALL 5 32.8024115-104.1837724 (H000140-07)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | S-04 | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 01/17/2020 | ND | 2.07 | 104 | 2.00 | 10.5 | |
| Toluene* | <0.050 | 0.050 | 01/17/2020 | ND | 2.08 | 104 | 2.00 | 10.8 | |
| Ethylbenzene* | <0.050 | 0.050 | 01/17/2020 | ND | 2.11 | 106 | 2.00 | 10.6 | GC-NC |
| Total Xylenes* | <0.150 | 0.150 | 01/17/2020 | ND | 6.19 | 103 | 6.00 | 10.9 | |
| Total BTEX | <0.300 | 0.300 | 01/17/2020 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 156 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 01/17/2020 | ND | 432 | 108 | 400 | 3.64 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 15.4 | 10.0 | 01/18/2020 | ND | 224 | 112 | 200 | 0.417 | |
| DRO >C10-C28* | 880 | 10.0 | 01/18/2020 | ND | 229 | 115 | 200 | 2.47 | |
| EXT DRO >C28-C36 | 161 | 10.0 | 01/18/2020 | ND | | | | | |

Surrogate: 1-Chlorooctane 92.4 % 41-142

Surrogate: 1-Chlorooctadecane 106 % 37.6-147

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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 01/15/2020 | Sampling Date: | 01/15/2020 |
| Reported: | 01/22/2020 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: W 6 32.8024318-104.1838190 (H000140-08)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 01/17/2020 | ND | 2.07 | 104 | 2.00 | 10.5 | |
| Toluene* | <0.050 | 0.050 | 01/17/2020 | ND | 2.08 | 104 | 2.00 | 10.8 | |
| Ethylbenzene* | <0.050 | 0.050 | 01/17/2020 | ND | 2.11 | 106 | 2.00 | 10.6 | |
| Total Xylenes* | <0.150 | 0.150 | 01/17/2020 | ND | 6.19 | 103 | 6.00 | 10.9 | |
| Total BTEX | <0.300 | 0.300 | 01/17/2020 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 128 | 16.0 | 01/17/2020 | ND | 432 | 108 | 400 | 3.64 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|----------------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/18/2020 | ND | 224 | 112 | 200 | 0.417 | |
| DRO >C10-C28* | 604 | 10.0 | 01/18/2020 | ND | 229 | 115 | 200 | 2.47 | |
| EXT DRO >C28-C36 | 157 | 10.0 | 01/18/2020 | ND | | | | | |

Surrogate: 1-Chlorooctane 91.9 % 41-142

Surrogate: 1-Chlorooctadecane 131 % 37.6-147

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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
GC-NC 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

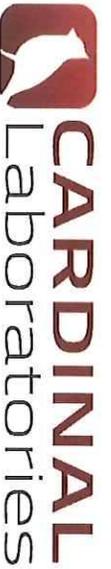
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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

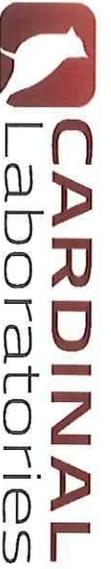


101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| | | | | | | | |
|---|----------------------------------|--------------------|------|------------------|-----|-----|------|
| Company Name: <u>Apache</u> | | P.O. #: | | ANALYSIS REQUEST | | | |
| Project Manager: <u>Jeffrey Brown</u> | | Company: | | | | | |
| Address: | | Attn: | | | | | |
| City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u> | | Address: | | | | | |
| Phone #: _____ Fax #: _____ | | City: | | | | | |
| Project #: _____ Project Owner: | | State: | | | | | |
| Project Name: | | Zip: | | | | | |
| Project Location: <u>Red Lake 28th St Battery</u> | | Phone #: | | | | | |
| Sampler Name: <u>Joe Oussouba Jr.</u> | | Fax #: | | | | | |
| FOR LAB USE ONLY | | PRESERV: | | SAMPLING | | | |
| Lab I.D. <u>HH0014D</u> | Sample I.D. | (G)RAB OR (C)COMP. | DATE | TIME | EXT | TPH | BTEX |
| | | # CONTAINERS | | | | | |
| | | MATRIX | | | | | |
| | | GROUNDWATER | | | | | |
| | | WASTEWATER | | | | | |
| SOIL | CHECKED BY: (Initials) | | | | | | |
| OIL | | | | | | | |
| SLUDGE | | | | | | | |
| OTHER: | | | | | | | |
| ACID/BASE: | | | | | | | |
| (C) COOL | Turnaround Time: <u>Standard</u> | | | | | | |
| OTHER: | | | | | | | |
| OTHER: | | | | | | | |
| OTHER: | | | | | | | |
| OTHER: | | | | | | | |

| | | | | | | | |
|--|----------------------------------|------------------------------------|--|-------------------------------------|-----------------------------------|---|---|
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | Observed Temp. °C <u>4.3°</u> | Corrected Temp. °C | Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Checked By: (Initials) <u>JS</u> | Thermometer ID: #97 <u>A113</u> | Bacteria (only) Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No | Sample Condition Observed Temp. °C Corrected Temp. °C |
| Refringed By: <u>Joe Oussouba Jr.</u> | Date: <u>Jan 15 2009</u> | Received By: <u>Luciana Alcala</u> | Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | ADD'l Phone #: | Correction Factor: +0.4°C - 0.2°C | | |
| Refringed By: <u>Joe Oussouba Jr.</u> | Date: <u>Jan 15 2009</u> | Received By: <u>Luciana Alcala</u> | REMARKS: All Results are emailed. Please provide Email address: | | | | |



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| | | | | | | | |
|---------------------------------------|--|---|--|---|--|------------------|--|
| Company Name: <i>Apache</i> | | P.O. #: | | BILL TO | | ANALYSIS REQUEST | |
| Project Manager: <i>Jeffrey Brown</i> | | Company: | | | | | |
| Address: | | Attn: | | | | | |
| City: <i>Hobbs</i> | | State: <i>NM</i> zip: <i>88240</i> | | Address: | | | |
| Phone #: | | Fax #: | | City: | | | |
| Project #: | | Project Owner: | | State: | | Zip: | |
| Project Name: | | Project Location: <i>Red Lake 28th St Battery</i> | | Phone #: | | | |
| Sampler Name: <i>Don Quisenberry</i> | | FOR LAB USE ONLY | | Fax #: | | | |
| Lab I.D. | | Sample I.D. | | | | | |
| <i>H000140</i> | | | | | | | |
| <i>6</i> | | <i>LOCAL 32 8024138</i> | | <input checked="" type="checkbox"/> (G)RAB OR (C)OMP. | | | |
| <i>-104. 1837047</i> | | <i>1</i> | | # CONTAINERS | | | |
| <i>7</i> | | <i>LOCAL 32. 8024115</i> | | <input type="checkbox"/> GROUNDWATER | | | |
| <i>-104. 1837724</i> | | <i>1</i> | | <input type="checkbox"/> WASTEWATER | | | |
| <i>8</i> | | <i>LOCAL 32.8024318</i> | | <input type="checkbox"/> SOIL | | | |
| <i>-104. 1838140</i> | | <i>1</i> | | <input type="checkbox"/> OIL | | | |
| | | | | <input type="checkbox"/> SLUDGE | | | |
| | | | | OTHER : | | | |
| | | | | ACID/BASE: | | | |
| | | | | <input checked="" type="checkbox"/> ICE/COOL | | | |
| | | | | OTHER : | | | |
| | | | | DATE | | | |
| | | | | TIME | | | |
| | | | | <i>1/15 12:19</i> | | <i>CL</i> | |
| | | | | <i>1/15 12:21</i> | | <i>EXT TPH</i> | |
| | | | | <i>1/15 12:23</i> | | <i>BTEX</i> | |

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| | | | |
|---|-------------------------|-----------------------------------|--|
| Relinquished By: <i>Jeffrey Brown</i> | Date: <i>01/15/2020</i> | Received By: <i>Amara Blakely</i> | Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Add'l Phone #: |
| Relinquished By: <i>Don Quisenberry</i> | Date: <i>12/21</i> | Received By: <i>Amara Blakely</i> | All Results are emailed. Please provide Email address: |
| REMARKS: | | | |
| Turnaround Time: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush | | | |
| Thermometer ID # <i>97-#113</i> | | | |
| Correction Factor <i>+0.40</i> | | | |
| Bacteria (only) <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No | | | |
| Sample Condition Observed Temp. °C | | | |
| Corrected Temp. °C | | | |

Delivered By: (Circle One) UPS Bus Other: Corrected Temp. °C *4.3*

FOR WFOOD R 3.0

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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

January 29, 2020

JEFFREY BROOM

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: RED LAKE 28 ST K BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 01/22/20 15:49.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-19-12. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

Celey D. Keene

Lab Director/Quality Manager



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

February 13, 2020

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: RED LAKE 28 ST K BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 02/11/20 7:32.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-19-12. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|---------------|
| Received: | 02/11/2020 | Sampling Date: | 02/10/2020 |
| Reported: | 02/13/2020 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Mike Snyder |
| Project Location: | NOT GIVEN | | |

Sample ID: W 1 @ 7' 32.8024557-104.1837865 (H000402-01)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 02/12/2020 | ND | 1.90 | 95.2 | 2.00 | 11.8 | |
| Toluene* | <0.050 | 0.050 | 02/12/2020 | ND | 1.97 | 98.3 | 2.00 | 12.7 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/12/2020 | ND | 1.99 | 99.5 | 2.00 | 11.5 | |
| Total Xylenes* | <0.150 | 0.150 | 02/12/2020 | ND | 5.79 | 96.5 | 6.00 | 11.7 | |
| Total BTEX | <0.300 | 0.300 | 02/12/2020 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 73.3-129

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/12/2020 | ND | 201 | 101 | 200 | 5.43 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/12/2020 | ND | 199 | 99.5 | 200 | 6.77 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/12/2020 | ND | | | | | |

Surrogate: 1-Chlorooctane 86.3 % 41-142

Surrogate: 1-Chlorooctadecane 87.4 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 01/22/2020 | Sampling Date: | 01/22/2020 |
| Reported: | 01/29/2020 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: WALL 1 (H000224-01)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | S-04 | | |
|-----------------------|--------------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 01/27/2020 | ND | 1.83 | 91.3 | 2.00 | 16.5 | | |
| Toluene* | <0.050 | 0.050 | 01/27/2020 | ND | 1.78 | 89.1 | 2.00 | 17.3 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/27/2020 | ND | 1.77 | 88.7 | 2.00 | 17.2 | GC-NC | |
| Total Xylenes* | 0.234 | 0.150 | 01/27/2020 | ND | 5.22 | 87.0 | 6.00 | 17.3 | | |
| Total BTEX | <0.300 | 0.300 | 01/27/2020 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 162 % 73.3-129

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | 46.7 | 10.0 | 01/24/2020 | ND | 205 | 103 | 200 | 2.32 | | |
| DRO >C10-C28* | 1060 | 10.0 | 01/24/2020 | ND | 216 | 108 | 200 | 2.60 | | |
| EXT DRO >C28-C36 | 217 | 10.0 | 01/24/2020 | ND | | | | | | |

Surrogate: 1-Chlorooctane 69.8 % 41-142

Surrogate: 1-Chlorooctadecane 80.6 % 37.6-147

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
GC-NC 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

June 28, 2021

JEFFREY BROOM

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: RED LAKE 28 ST K BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 06/22/21 16:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 06/22/2021 | Sampling Date: | 06/22/2021 |
| Reported: | 06/28/2021 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 3 @ SURFACE (H211625-01)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/25/2021 | ND | 1.98 | 99.1 | 2.00 | 5.73 | |
| Toluene* | <0.050 | 0.050 | 06/25/2021 | ND | 1.92 | 95.8 | 2.00 | 4.89 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/25/2021 | ND | 1.85 | 92.5 | 2.00 | 4.95 | |
| Total Xylenes* | <0.150 | 0.150 | 06/25/2021 | ND | 5.62 | 93.7 | 6.00 | 4.69 | |
| Total BTEX | <0.300 | 0.300 | 06/25/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 512 | 16.0 | 06/24/2021 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | S-06 |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <50.0 | 50.0 | 06/24/2021 | ND | 191 | 95.7 | 200 | 2.52 | | |
| DRO >C10-C28* | 9100 | 50.0 | 06/24/2021 | ND | 217 | 108 | 200 | 0.469 | | |
| EXT DRO >C28-C36 | 3140 | 50.0 | 06/24/2021 | ND | | | | | | |

Surrogate: 1-Chlorooctane 97.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 443 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 06/22/2021 | Sampling Date: | 06/22/2021 |
| Reported: | 06/28/2021 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 3 @ 1' (H211625-02)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.98 | 99.1 | 2.00 | 5.73 | |
| Toluene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.92 | 95.8 | 2.00 | 4.89 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.85 | 92.5 | 2.00 | 4.95 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2021 | ND | 5.62 | 93.7 | 6.00 | 4.69 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 240 | 16.0 | 06/24/2021 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | S-04 |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 06/25/2021 | ND | 191 | 95.7 | 200 | 2.52 | | |
| DRO >C10-C28* | 1010 | 10.0 | 06/25/2021 | ND | 217 | 108 | 200 | 0.469 | | |
| EXT DRO >C28-C36 | 391 | 10.0 | 06/25/2021 | ND | | | | | | |

Surrogate: 1-Chlorooctane 92.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 164 % 38.9-142

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 06/22/2021 | Sampling Date: | 06/22/2021 |
| Reported: | 06/28/2021 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 3 @ 2' (H211625-03)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.98 | 99.1 | 2.00 | 5.73 | |
| Toluene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.92 | 95.8 | 2.00 | 4.89 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.85 | 92.5 | 2.00 | 4.95 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2021 | ND | 5.62 | 93.7 | 6.00 | 4.69 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 128 | 16.0 | 06/24/2021 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/24/2021 | ND | 191 | 95.7 | 200 | 2.52 | |
| DRO >C10-C28* | 62.9 | 10.0 | 06/24/2021 | ND | 217 | 108 | 200 | 0.469 | |
| EXT DRO >C28-C36 | 12.0 | 10.0 | 06/24/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 89.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 97.6 % 38.9-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 06/22/2021 | Sampling Date: | 06/22/2021 |
| Reported: | 06/28/2021 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 7 @ SURFACE (H211625-04)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/25/2021 | ND | 1.98 | 99.1 | 2.00 | 5.73 | |
| Toluene* | <0.050 | 0.050 | 06/25/2021 | ND | 1.92 | 95.8 | 2.00 | 4.89 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/25/2021 | ND | 1.85 | 92.5 | 2.00 | 4.95 | |
| Total Xylenes* | <0.150 | 0.150 | 06/25/2021 | ND | 5.62 | 93.7 | 6.00 | 4.69 | |
| Total BTEX | <0.300 | 0.300 | 06/25/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 06/24/2021 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | S-06 |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <50.0 | 50.0 | 06/24/2021 | ND | 191 | 95.7 | 200 | 2.52 | | |
| DRO >C10-C28* | 9690 | 50.0 | 06/24/2021 | ND | 217 | 108 | 200 | 0.469 | | |
| EXT DRO >C28-C36 | 3070 | 50.0 | 06/24/2021 | ND | | | | | | |

Surrogate: 1-Chlorooctane 87.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 586 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 06/22/2021 | Sampling Date: | 06/22/2021 |
| Reported: | 06/28/2021 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 7 @ 1' (H211625-05)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | S-04 | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.98 | 99.1 | 2.00 | 5.73 | |
| Toluene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.92 | 95.8 | 2.00 | 4.89 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.85 | 92.5 | 2.00 | 4.95 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2021 | ND | 5.62 | 93.7 | 6.00 | 4.69 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 150 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | S-04 | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 464 | 16.0 | 06/24/2021 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | S-06 | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 71.2 | 50.0 | 06/24/2021 | ND | 191 | 95.7 | 200 | 2.52 | |
| DRO >C10-C28* | 6210 | 50.0 | 06/24/2021 | ND | 217 | 108 | 200 | 0.469 | |
| EXT DRO >C28-C36 | 1580 | 50.0 | 06/24/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 100 % 44.3-133

Surrogate: 1-Chlorooctadecane 368 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 06/22/2021 | Sampling Date: | 06/22/2021 |
| Reported: | 06/28/2021 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 7 @ 2' (H211625-06)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.98 | 99.1 | 2.00 | 5.73 | |
| Toluene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.92 | 95.8 | 2.00 | 4.89 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.85 | 92.5 | 2.00 | 4.95 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2021 | ND | 5.62 | 93.7 | 6.00 | 4.69 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 122 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 336 | 16.0 | 06/24/2021 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | S-06 |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <50.0 | 50.0 | 06/24/2021 | ND | 191 | 95.7 | 200 | 2.52 | | |
| DRO >C10-C28* | 2810 | 50.0 | 06/24/2021 | ND | 217 | 108 | 200 | 0.469 | | |
| EXT DRO >C28-C36 | 813 | 50.0 | 06/24/2021 | ND | | | | | | |

Surrogate: 1-Chlorooctane 93.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 389 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 06/22/2021 | Sampling Date: | 06/22/2021 |
| Reported: | 06/28/2021 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 2 @ SURFACE (H211625-07)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/25/2021 | ND | 1.98 | 99.1 | 2.00 | 5.73 | |
| Toluene* | <0.050 | 0.050 | 06/25/2021 | ND | 1.92 | 95.8 | 2.00 | 4.89 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/25/2021 | ND | 1.85 | 92.5 | 2.00 | 4.95 | |
| Total Xylenes* | <0.150 | 0.150 | 06/25/2021 | ND | 5.62 | 93.7 | 6.00 | 4.69 | |
| Total BTEX | <0.300 | 0.300 | 06/25/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 06/24/2021 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/24/2021 | ND | 191 | 95.7 | 200 | 2.52 | |
| DRO >C10-C28* | 1830 | 10.0 | 06/24/2021 | ND | 217 | 108 | 200 | 0.469 | |
| EXT DRO >C28-C36 | 763 | 10.0 | 06/24/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 69.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 126 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 06/22/2021 | Sampling Date: | 06/22/2021 |
| Reported: | 06/28/2021 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 2 @ 1' (H211625-08)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.98 | 99.1 | 2.00 | 5.73 | |
| Toluene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.92 | 95.8 | 2.00 | 4.89 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.85 | 92.5 | 2.00 | 4.95 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2021 | ND | 5.62 | 93.7 | 6.00 | 4.69 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 06/24/2021 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | S-06 |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <50.0 | 50.0 | 06/24/2021 | ND | 191 | 95.7 | 200 | 2.52 | | |
| DRO >C10-C28* | 1900 | 50.0 | 06/24/2021 | ND | 217 | 108 | 200 | 0.469 | | |
| EXT DRO >C28-C36 | 749 | 50.0 | 06/24/2021 | ND | | | | | | |

Surrogate: 1-Chlorooctane 88.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 147 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 06/22/2021 | Sampling Date: | 06/22/2021 |
| Reported: | 06/28/2021 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 2 @ 2' (H211625-09)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.98 | 99.1 | 2.00 | 5.73 | |
| Toluene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.92 | 95.8 | 2.00 | 4.89 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.85 | 92.5 | 2.00 | 4.95 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2021 | ND | 5.62 | 93.7 | 6.00 | 4.69 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 06/24/2021 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/24/2021 | ND | 191 | 95.7 | 200 | 2.52 | |
| DRO >C10-C28* | 281 | 10.0 | 06/24/2021 | ND | 217 | 108 | 200 | 0.469 | |
| EXT DRO >C28-C36 | 96.4 | 10.0 | 06/24/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 86.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 111 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 06/22/2021 | Sampling Date: | 06/22/2021 |
| Reported: | 06/28/2021 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 4 @ SURFACE (H211625-10)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.98 | 99.1 | 2.00 | 5.73 | |
| Toluene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.92 | 95.8 | 2.00 | 4.89 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.85 | 92.5 | 2.00 | 4.95 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2021 | ND | 5.62 | 93.7 | 6.00 | 4.69 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 06/24/2021 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/24/2021 | ND | 228 | 114 | 200 | 1.27 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/24/2021 | ND | 240 | 120 | 200 | 0.303 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/24/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 78.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 77.5 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 06/22/2021 | Sampling Date: | 06/22/2021 |
| Reported: | 06/28/2021 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 4 @ 1' (H211625-11)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.98 | 99.1 | 2.00 | 5.73 | |
| Toluene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.92 | 95.8 | 2.00 | 4.89 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.85 | 92.5 | 2.00 | 4.95 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2021 | ND | 5.62 | 93.7 | 6.00 | 4.69 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 06/25/2021 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/24/2021 | ND | 228 | 114 | 200 | 1.27 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/24/2021 | ND | 240 | 120 | 200 | 0.303 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/24/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 78.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 76.6 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 06/22/2021 | Sampling Date: | 06/22/2021 |
| Reported: | 06/28/2021 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 4 @ 2' (H211625-12)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.98 | 99.1 | 2.00 | 3.37 | |
| Toluene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.91 | 95.7 | 2.00 | 3.47 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.83 | 91.5 | 2.00 | 3.60 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2021 | ND | 5.55 | 92.4 | 6.00 | 3.63 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 06/25/2021 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/24/2021 | ND | 228 | 114 | 200 | 1.27 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/24/2021 | ND | 240 | 120 | 200 | 0.303 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/24/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 78.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 76.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 06/22/2021 | Sampling Date: | 06/22/2021 |
| Reported: | 06/28/2021 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 5 @ SURFACE (H211625-13)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.98 | 99.1 | 2.00 | 3.37 | |
| Toluene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.91 | 95.7 | 2.00 | 3.47 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.83 | 91.5 | 2.00 | 3.60 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2021 | ND | 5.55 | 92.4 | 6.00 | 3.63 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 06/25/2021 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/24/2021 | ND | 228 | 114 | 200 | 1.27 | |
| DRO >C10-C28* | 38.6 | 10.0 | 06/24/2021 | ND | 240 | 120 | 200 | 0.303 | |
| EXT DRO >C28-C36 | 17.0 | 10.0 | 06/24/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 85.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 86.9 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 06/22/2021 | Sampling Date: | 06/22/2021 |
| Reported: | 06/28/2021 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 5 @ 1' (H211625-14)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.98 | 99.1 | 2.00 | 3.37 | |
| Toluene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.91 | 95.7 | 2.00 | 3.47 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.83 | 91.5 | 2.00 | 3.60 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2021 | ND | 5.55 | 92.4 | 6.00 | 3.63 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 06/25/2021 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/24/2021 | ND | 228 | 114 | 200 | 1.27 | |
| DRO >C10-C28* | 36.8 | 10.0 | 06/24/2021 | ND | 240 | 120 | 200 | 0.303 | |
| EXT DRO >C28-C36 | 19.9 | 10.0 | 06/24/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 84.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 86.1 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 06/22/2021 | Sampling Date: | 06/22/2021 |
| Reported: | 06/28/2021 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 5 @ 2' (H211625-15)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.98 | 99.1 | 2.00 | 3.37 | |
| Toluene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.91 | 95.7 | 2.00 | 3.47 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.83 | 91.5 | 2.00 | 3.60 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2021 | ND | 5.55 | 92.4 | 6.00 | 3.63 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 06/25/2021 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <50.0 | 50.0 | 06/24/2021 | ND | 228 | 114 | 200 | 1.27 | |
| DRO >C10-C28* | 596 | 50.0 | 06/24/2021 | ND | 240 | 120 | 200 | 0.303 | |
| EXT DRO >C28-C36 | 346 | 50.0 | 06/24/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 76.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 109 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 06/22/2021 | Sampling Date: | 06/22/2021 |
| Reported: | 06/28/2021 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 6 @ SURFACE (H211625-16)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.98 | 99.1 | 2.00 | 3.37 | |
| Toluene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.91 | 95.7 | 2.00 | 3.47 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.83 | 91.5 | 2.00 | 3.60 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2021 | ND | 5.55 | 92.4 | 6.00 | 3.63 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 06/25/2021 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/24/2021 | ND | 228 | 114 | 200 | 1.27 | |
| DRO >C10-C28* | 2130 | 10.0 | 06/24/2021 | ND | 240 | 120 | 200 | 0.303 | |
| EXT DRO >C28-C36 | 1070 | 10.0 | 06/24/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 78.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 120 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 06/22/2021 | Sampling Date: | 06/22/2021 |
| Reported: | 06/28/2021 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 6 @ 1' (H211625-17)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.98 | 99.1 | 2.00 | 3.37 | |
| Toluene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.91 | 95.7 | 2.00 | 3.47 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.83 | 91.5 | 2.00 | 3.60 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2021 | ND | 5.55 | 92.4 | 6.00 | 3.63 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 06/25/2021 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/24/2021 | ND | 228 | 114 | 200 | 1.27 | |
| DRO >C10-C28* | 12.5 | 10.0 | 06/24/2021 | ND | 240 | 120 | 200 | 0.303 | |
| EXT DRO >C28-C36 | 12.5 | 10.0 | 06/24/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 81.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 81.0 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 06/22/2021 | Sampling Date: | 06/22/2021 |
| Reported: | 06/28/2021 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 6 @ 2' (H211625-18)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.98 | 99.1 | 2.00 | 3.37 | |
| Toluene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.91 | 95.7 | 2.00 | 3.47 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.83 | 91.5 | 2.00 | 3.60 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2021 | ND | 5.55 | 92.4 | 6.00 | 3.63 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 113 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 06/25/2021 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/24/2021 | ND | 228 | 114 | 200 | 1.27 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/24/2021 | ND | 240 | 120 | 200 | 0.303 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/24/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 73.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 72.0 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 06/22/2021 | Sampling Date: | 06/22/2021 |
| Reported: | 06/28/2021 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 8 @ SURFACE (H211625-19)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.98 | 99.1 | 2.00 | 3.37 | |
| Toluene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.91 | 95.7 | 2.00 | 3.47 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.83 | 91.5 | 2.00 | 3.60 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2021 | ND | 5.55 | 92.4 | 6.00 | 3.63 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 06/25/2021 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|-------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/24/2021 | ND | 228 | 114 | 200 | 1.27 | |
| DRO >C10-C28* | 34.3 | 10.0 | 06/24/2021 | ND | 240 | 120 | 200 | 0.303 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/24/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 74.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 78.9 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 06/22/2021 | Sampling Date: | 06/22/2021 |
| Reported: | 06/28/2021 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 8 @ 1' (H211625-20)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.98 | 99.1 | 2.00 | 3.37 | |
| Toluene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.91 | 95.7 | 2.00 | 3.47 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.83 | 91.5 | 2.00 | 3.60 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2021 | ND | 5.55 | 92.4 | 6.00 | 3.63 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 113 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 06/25/2021 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/24/2021 | ND | 228 | 114 | 200 | 1.27 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/24/2021 | ND | 240 | 120 | 200 | 0.303 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/24/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 77.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 77.5 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 06/22/2021 | Sampling Date: | 06/22/2021 |
| Reported: | 06/28/2021 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 8 @ 2' (H211625-21)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.98 | 99.1 | 2.00 | 3.37 | |
| Toluene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.91 | 95.7 | 2.00 | 3.47 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.83 | 91.5 | 2.00 | 3.60 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2021 | ND | 5.55 | 92.4 | 6.00 | 3.63 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 112 | 16.0 | 06/25/2021 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|----------------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/24/2021 | ND | 228 | 114 | 200 | 1.27 | |
| DRO >C10-C28* | 841 | 10.0 | 06/24/2021 | ND | 240 | 120 | 200 | 0.303 | |
| EXT DRO >C28-C36 | 370 | 10.0 | 06/24/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 72.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 82.5 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 06/22/2021 | Sampling Date: | 06/22/2021 |
| Reported: | 06/28/2021 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: W 4 BGS 1-4' (H211625-22)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.98 | 99.1 | 2.00 | 3.37 | |
| Toluene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.91 | 95.7 | 2.00 | 3.47 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.83 | 91.5 | 2.00 | 3.60 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2021 | ND | 5.55 | 92.4 | 6.00 | 3.63 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 06/25/2021 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/24/2021 | ND | 228 | 114 | 200 | 1.27 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/24/2021 | ND | 240 | 120 | 200 | 0.303 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/24/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 74.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 74.7 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 06/22/2021 | Sampling Date: | 06/22/2021 |
| Reported: | 06/28/2021 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: W 5 BGS 1-4' (H211625-23)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.98 | 99.1 | 2.00 | 3.37 | |
| Toluene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.91 | 95.7 | 2.00 | 3.47 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.83 | 91.5 | 2.00 | 3.60 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2021 | ND | 5.55 | 92.4 | 6.00 | 3.63 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 192 | 16.0 | 06/25/2021 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|----------------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/24/2021 | ND | 228 | 114 | 200 | 1.27 | |
| DRO >C10-C28* | 477 | 10.0 | 06/24/2021 | ND | 240 | 120 | 200 | 0.303 | |
| EXT DRO >C28-C36 | 139 | 10.0 | 06/24/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 77.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 99.9 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 06/22/2021 | Sampling Date: | 06/22/2021 |
| Reported: | 06/28/2021 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: B 1 (H211625-24)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.98 | 99.1 | 2.00 | 3.37 | |
| Toluene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.91 | 95.7 | 2.00 | 3.47 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.83 | 91.5 | 2.00 | 3.60 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2021 | ND | 5.55 | 92.4 | 6.00 | 3.63 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 06/25/2021 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/24/2021 | ND | 228 | 114 | 200 | 1.27 | |
| DRO >C10-C28* | 892 | 10.0 | 06/24/2021 | ND | 240 | 120 | 200 | 0.303 | |
| EXT DRO >C28-C36 | 260 | 10.0 | 06/24/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 70.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 91.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 06/22/2021 | Sampling Date: | 06/22/2021 |
| Reported: | 06/28/2021 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: B 2 (H211625-25)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.98 | 99.1 | 2.00 | 3.37 | |
| Toluene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.91 | 95.7 | 2.00 | 3.47 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.83 | 91.5 | 2.00 | 3.60 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2021 | ND | 5.55 | 92.4 | 6.00 | 3.63 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 160 | 16.0 | 06/25/2021 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/24/2021 | ND | 228 | 114 | 200 | 1.27 | |
| DRO >C10-C28* | 1110 | 10.0 | 06/24/2021 | ND | 240 | 120 | 200 | 0.303 | |
| EXT DRO >C28-C36 | 309 | 10.0 | 06/24/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 63.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 90.5 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 06/22/2021 | Sampling Date: | 06/22/2021 |
| Reported: | 06/28/2021 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: B 3 (H211625-26)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.98 | 99.1 | 2.00 | 3.37 | |
| Toluene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.91 | 95.7 | 2.00 | 3.47 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.83 | 91.5 | 2.00 | 3.60 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2021 | ND | 5.55 | 92.4 | 6.00 | 3.63 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 128 | 16.0 | 06/25/2021 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/24/2021 | ND | 228 | 114 | 200 | 1.27 | |
| DRO >C10-C28* | 1130 | 10.0 | 06/24/2021 | ND | 240 | 120 | 200 | 0.303 | |
| EXT DRO >C28-C36 | 331 | 10.0 | 06/24/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 72.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 98.8 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 06/22/2021 | Sampling Date: | 06/22/2021 |
| Reported: | 06/28/2021 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: B 4 (H211625-27)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.98 | 99.1 | 2.00 | 3.37 | |
| Toluene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.91 | 95.7 | 2.00 | 3.47 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.83 | 91.5 | 2.00 | 3.60 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2021 | ND | 5.55 | 92.4 | 6.00 | 3.63 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 06/25/2021 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/24/2021 | ND | 228 | 114 | 200 | 1.27 | |
| DRO >C10-C28* | 171 | 10.0 | 06/24/2021 | ND | 240 | 120 | 200 | 0.303 | |
| EXT DRO >C28-C36 | 52.6 | 10.0 | 06/24/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 78.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 87.3 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 06/22/2021 | Sampling Date: | 06/22/2021 |
| Reported: | 06/28/2021 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: B 5 (H211625-28)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.98 | 99.1 | 2.00 | 3.37 | |
| Toluene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.91 | 95.7 | 2.00 | 3.47 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.83 | 91.5 | 2.00 | 3.60 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2021 | ND | 5.55 | 92.4 | 6.00 | 3.63 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 113 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 112 | 16.0 | 06/25/2021 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|----------------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/24/2021 | ND | 228 | 114 | 200 | 1.27 | |
| DRO >C10-C28* | 817 | 10.0 | 06/24/2021 | ND | 240 | 120 | 200 | 0.303 | |
| EXT DRO >C28-C36 | 373 | 10.0 | 06/24/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 86.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 91.1 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 06/22/2021 | Sampling Date: | 06/22/2021 |
| Reported: | 06/28/2021 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: B 6 (H211625-29)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.98 | 99.1 | 2.00 | 3.37 | |
| Toluene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.91 | 95.7 | 2.00 | 3.47 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.83 | 91.5 | 2.00 | 3.60 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2021 | ND | 5.55 | 92.4 | 6.00 | 3.63 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 113 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 06/25/2021 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/24/2021 | ND | 228 | 114 | 200 | 1.27 | |
| DRO >C10-C28* | 462 | 10.0 | 06/24/2021 | ND | 240 | 120 | 200 | 0.303 | |
| EXT DRO >C28-C36 | 190 | 10.0 | 06/24/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 73.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 89.7 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 06/22/2021 | Sampling Date: | 06/22/2021 |
| Reported: | 06/28/2021 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: B 7 (H211625-30)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.98 | 99.1 | 2.00 | 3.37 | | |
| Toluene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.91 | 95.7 | 2.00 | 3.47 | | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.83 | 91.5 | 2.00 | 3.60 | | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2021 | ND | 5.55 | 92.4 | 6.00 | 3.63 | | |
| Total BTEX | <0.300 | 0.300 | 06/24/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 113 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 64.0 | 16.0 | 06/25/2021 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 06/24/2021 | ND | 227 | 113 | 200 | 2.02 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/24/2021 | ND | 210 | 105 | 200 | 0.225 | QM-07 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/24/2021 | ND | | | | | | |

Surrogate: 1-Chlorooctane 78.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 79.1 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 06/22/2021 | Sampling Date: | 06/22/2021 |
| Reported: | 06/28/2021 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: B 8 (H211625-31)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.98 | 99.1 | 2.00 | 3.37 | |
| Toluene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.91 | 95.7 | 2.00 | 3.47 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.83 | 91.5 | 2.00 | 3.60 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2021 | ND | 5.55 | 92.4 | 6.00 | 3.63 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 113 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 06/25/2021 | ND | 432 | 108 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/24/2021 | ND | 227 | 113 | 200 | 2.02 | |
| DRO >C10-C28* | 75.4 | 10.0 | 06/24/2021 | ND | 210 | 105 | 200 | 0.225 | |
| EXT DRO >C28-C36 | 12.7 | 10.0 | 06/24/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 80.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 81.9 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 06/22/2021 | Sampling Date: | 06/22/2021 |
| Reported: | 06/28/2021 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: B 9 (H211625-32)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.96 | 98.0 | 2.00 | 2.21 | |
| Toluene* | <0.050 | 0.050 | 06/24/2021 | ND | 2.00 | 100 | 2.00 | 6.41 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.91 | 95.6 | 2.00 | 7.07 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2021 | ND | 5.72 | 95.3 | 6.00 | 8.32 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 06/25/2021 | ND | 432 | 108 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/24/2021 | ND | 227 | 113 | 200 | 2.02 | |
| DRO >C10-C28* | 178 | 10.0 | 06/24/2021 | ND | 210 | 105 | 200 | 0.225 | |
| EXT DRO >C28-C36 | 67.4 | 10.0 | 06/24/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 81.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.2 % 38.9-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 06/22/2021 | Sampling Date: | 06/22/2021 |
| Reported: | 06/28/2021 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: B 10 (H211625-33)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.96 | 98.0 | 2.00 | 2.21 | |
| Toluene* | <0.050 | 0.050 | 06/24/2021 | ND | 2.00 | 100 | 2.00 | 6.41 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.91 | 95.6 | 2.00 | 7.07 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2021 | ND | 5.72 | 95.3 | 6.00 | 8.32 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 06/25/2021 | ND | 432 | 108 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/24/2021 | ND | 227 | 113 | 200 | 2.02 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/24/2021 | ND | 210 | 105 | 200 | 0.225 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/24/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 72.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 70.3 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 06/22/2021 | Sampling Date: | 06/22/2021 |
| Reported: | 06/28/2021 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: B 11 (H211625-34)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.96 | 98.0 | 2.00 | 2.21 | |
| Toluene* | <0.050 | 0.050 | 06/24/2021 | ND | 2.00 | 100 | 2.00 | 6.41 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.91 | 95.6 | 2.00 | 7.07 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2021 | ND | 5.72 | 95.3 | 6.00 | 8.32 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 06/25/2021 | ND | 432 | 108 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/24/2021 | ND | 227 | 113 | 200 | 2.02 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/24/2021 | ND | 210 | 105 | 200 | 0.225 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/24/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 76.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 76.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 06/22/2021 | Sampling Date: | 06/22/2021 |
| Reported: | 06/28/2021 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: B 12 (H211625-35)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.96 | 98.0 | 2.00 | 2.21 | |
| Toluene* | <0.050 | 0.050 | 06/24/2021 | ND | 2.00 | 100 | 2.00 | 6.41 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.91 | 95.6 | 2.00 | 7.07 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2021 | ND | 5.72 | 95.3 | 6.00 | 8.32 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 06/25/2021 | ND | 432 | 108 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|-------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/24/2021 | ND | 227 | 113 | 200 | 2.02 | |
| DRO >C10-C28* | 10.9 | 10.0 | 06/24/2021 | ND | 210 | 105 | 200 | 0.225 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/24/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 82.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 82.0 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 06/22/2021 | Sampling Date: | 06/22/2021 |
| Reported: | 06/28/2021 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: NW (H211625-36)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.96 | 98.0 | 2.00 | 2.21 | |
| Toluene* | <0.050 | 0.050 | 06/24/2021 | ND | 2.00 | 100 | 2.00 | 6.41 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.91 | 95.6 | 2.00 | 7.07 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2021 | ND | 5.72 | 95.3 | 6.00 | 8.32 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 06/25/2021 | ND | 432 | 108 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/24/2021 | ND | 227 | 113 | 200 | 2.02 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/24/2021 | ND | 210 | 105 | 200 | 0.225 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/24/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 78.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 78.1 % 38.9-142

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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 06/22/2021 | Sampling Date: | 06/22/2021 |
| Reported: | 06/28/2021 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: SW (H211625-37)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.96 | 98.0 | 2.00 | 2.21 | |
| Toluene* | <0.050 | 0.050 | 06/24/2021 | ND | 2.00 | 100 | 2.00 | 6.41 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.91 | 95.6 | 2.00 | 7.07 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2021 | ND | 5.72 | 95.3 | 6.00 | 8.32 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 06/25/2021 | ND | 432 | 108 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/24/2021 | ND | 227 | 113 | 200 | 2.02 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/24/2021 | ND | 210 | 105 | 200 | 0.225 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/24/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 72.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 71.1 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 06/22/2021 | Sampling Date: | 06/22/2021 |
| Reported: | 06/28/2021 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: WW (H211625-38)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.96 | 98.0 | 2.00 | 2.21 | |
| Toluene* | <0.050 | 0.050 | 06/24/2021 | ND | 2.00 | 100 | 2.00 | 6.41 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.91 | 95.6 | 2.00 | 7.07 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2021 | ND | 5.72 | 95.3 | 6.00 | 8.32 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 06/25/2021 | ND | 432 | 108 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/24/2021 | ND | 227 | 113 | 200 | 2.02 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/24/2021 | ND | 210 | 105 | 200 | 0.225 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/24/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 73.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 72.4 % 38.9-142

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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 06/22/2021 | Sampling Date: | 06/22/2021 |
| Reported: | 06/28/2021 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: EW (H211625-39)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.96 | 98.0 | 2.00 | 2.21 | |
| Toluene* | <0.050 | 0.050 | 06/24/2021 | ND | 2.00 | 100 | 2.00 | 6.41 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2021 | ND | 1.91 | 95.6 | 2.00 | 7.07 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2021 | ND | 5.72 | 95.3 | 6.00 | 8.32 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 06/25/2021 | ND | 432 | 108 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/24/2021 | ND | 227 | 113 | 200 | 2.02 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/24/2021 | ND | 210 | 105 | 200 | 0.225 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/24/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 82.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 81.9 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
- 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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Apexive P.O. #: _____
 Project Manager: Jeff Brown Company: _____
 Address: _____ Attn: _____
 City: Hobbs State: NM Address: _____
 Phone #: _____ Fax #: _____
 Project #: _____ Project Owner: _____
 Project Name: _____ City: _____ State: _____ Zip: _____
 Project Location: Red Lion of State & Battery Phone #: _____
 Sampler Name: Joe Dunsen Fax #: _____

| Lab I.D. | Sample I.D. | FOR LAB USE ONLY | | MATRIX | PRESERV | SAMPLING | DATE | TIME | C | Ext TPH | BTEX |
|----------------|--------------------|-------------------------------------|--------------------------|--------|---------|----------|-------------|-------------|-------------------------------------|---------|------|
| | | (G)RAB OR (C)OMP | # CONTAINERS | | | | | | | | |
| <u>H211625</u> | | | | | | | | | | | |
| | <u>SP8 @ 4'</u> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | SOIL | | | <u>6/22</u> | <u>2:28</u> | <input checked="" type="checkbox"/> | | |
| | <u>W4 BGS 1-4'</u> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | SOIL | | | <u>6/22</u> | <u>2:44</u> | <input checked="" type="checkbox"/> | | |
| | <u>W5 BGS 1-4'</u> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | SOIL | | | <u>6/22</u> | <u>2:48</u> | <input checked="" type="checkbox"/> | | |
| | <u>B1</u> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | SOIL | | | <u>6/22</u> | <u>3:24</u> | <input checked="" type="checkbox"/> | | |
| | <u>B2</u> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | SOIL | | | | <u>3:28</u> | <input checked="" type="checkbox"/> | | |
| | <u>B3</u> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | SOIL | | | | <u>3:30</u> | <input checked="" type="checkbox"/> | | |
| | <u>B4</u> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | SOIL | | | | <u>3:32</u> | <input checked="" type="checkbox"/> | | |
| | <u>B5</u> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | SOIL | | | | <u>3:34</u> | <input checked="" type="checkbox"/> | | |
| | <u>B6</u> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | SOIL | | | | <u>3:36</u> | <input checked="" type="checkbox"/> | | |
| | <u>B7</u> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | SOIL | | | | <u>3:38</u> | <input checked="" type="checkbox"/> | | |

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Relinquished By: [Signature] Date: 6/22/24 Time: _____
 Received By: [Signature] Date: 7/25/24 Time: _____
 Verbal Result: Yes No Add'l Phone #: _____
 All Results are emailed. Please provide Email address: _____
 REMARKS: _____

Delivered By: (Circle One) UPS Observed Temp. °C 5.4 Sample Condition Intact Cool Intact Yes No No No
 Corrected Temp. °C _____ CHECKED BY: (Initials) [Signature]
 Turnaround Time: _____ Standard Bacteria (only) Sample Condition Cool Intact Yes No Yes No No
 Thermometer ID #113 RUSH Corrected Temp. °C _____
 Correction Factor None



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

July 07, 2021

JEFFREY BROOM

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: RED LAKE 28 ST K BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 07/06/21 16:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|-----------------------------|---------------------|----------------|
| Received: | 07/06/2021 | Sampling Date: | 07/06/2021 |
| Reported: | 07/07/2021 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | RED LAKE 28 K STATE BATTERY | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: W 5 (H211734-01)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/07/2021 | ND | 2.08 | 104 | 2.00 | 5.81 | |
| Toluene* | <0.050 | 0.050 | 07/07/2021 | ND | 2.21 | 111 | 2.00 | 8.03 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/07/2021 | ND | 2.11 | 105 | 2.00 | 7.44 | |
| Total Xylenes* | <0.150 | 0.150 | 07/07/2021 | ND | 6.27 | 104 | 6.00 | 8.42 | |
| Total BTEX | <0.300 | 0.300 | 07/07/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/07/2021 | ND | 199 | 99.6 | 200 | 1.73 | |
| DRO >C10-C28* | 206 | 10.0 | 07/07/2021 | ND | 215 | 107 | 200 | 2.21 | |
| EXT DRO >C28-C36 | 51.6 | 10.0 | 07/07/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 91.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 111 % 38.9-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|-----------------------------|---------------------|----------------|
| Received: | 07/06/2021 | Sampling Date: | 07/06/2021 |
| Reported: | 07/07/2021 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | RED LAKE 28 K STATE BATTERY | Sample Received By: | Tamara Oldaker |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 7 @ 3' (H211734-02)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/07/2021 | ND | 2.08 | 104 | 2.00 | 5.81 | |
| Toluene* | <0.050 | 0.050 | 07/07/2021 | ND | 2.21 | 111 | 2.00 | 8.03 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/07/2021 | ND | 2.11 | 105 | 2.00 | 7.44 | |
| Total Xylenes* | <0.150 | 0.150 | 07/07/2021 | ND | 6.27 | 104 | 6.00 | 8.42 | |
| Total BTEX | <0.300 | 0.300 | 07/07/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/07/2021 | ND | 199 | 99.6 | 200 | 1.73 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/07/2021 | ND | 215 | 107 | 200 | 2.21 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/07/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 90.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 98.5 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager



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

July 13, 2021

JEFFREY BROOM
APACHE CORP - HOBBS
2350 W. MARLAND BLVD.
HOBBS, NM 88240

RE: RED LAKE 28 ST K BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 07/07/21 17:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

| | |
|------------------|---|
| Method SM 9223-B | Total Coliform and E. coli (Colilert MMO-MUG) |
| Method EPA 524.2 | Regulated VOCs and Total Trihalomethanes (TTHM) |
| Method EPA 552.2 | Total Haloacetic Acids (HAA-5) |

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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

Sincerely,

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
2350 W. MARLAND BLVD.
HOBBS NM, 88240

Project: RED LAKE 28 ST K BATTERY
Project Number: NONE GIVEN
Project Manager: JEFFREY BROOM
Fax To: (575) 393-2432

Reported:
13-Jul-21 11:29

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|-----------------|-----------------|
| NW | H211763-01 | Soil | 07-Jul-21 15:30 | 07-Jul-21 17:00 |
| SW | H211763-02 | Soil | 07-Jul-21 15:32 | 07-Jul-21 17:00 |
| EW | H211763-03 | Soil | 07-Jul-21 15:34 | 07-Jul-21 17:00 |
| WW | H211763-04 | Soil | 07-Jul-21 15:36 | 07-Jul-21 17:00 |
| B 9 @ 3' | H211763-05 | Soil | 07-Jul-21 15:38 | 07-Jul-21 17:00 |
| B 10 @ 3' | H211763-06 | Soil | 07-Jul-21 15:40 | 07-Jul-21 17:00 |
| B 11 @ 3' | H211763-07 | Soil | 07-Jul-21 15:42 | 07-Jul-21 17:00 |
| B 12 @ 3' | H211763-08 | Soil | 07-Jul-21 15:44 | 07-Jul-21 17:00 |

07/13/21 - Client added Chlorides to all samples. This is the revised report and will replace the one sent on 07/08/21.

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

| | | |
|---|---|------------------------------|
| APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 | Project: RED LAKE 28 ST K BATTERY Project Number: NONE GIVEN Project Manager: JEFFREY BROOM Fax To: (575) 393-2432 | Reported: 13-Jul-21 11:29 |
|---|---|------------------------------|

**NW
H211763-01 (Soil)**

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

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 96.0 | | 16.0 | mg/kg | 4 | 1071311 | GM | 13-Jul-21 | 4500-Cl-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 1070707 | MS | 08-Jul-21 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 1070707 | MS | 08-Jul-21 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 1070707 | MS | 08-Jul-21 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 1070707 | MS | 08-Jul-21 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 1070707 | MS | 08-Jul-21 | 8021B | |

| | | | | | | | | | | |
|---------------------------------------|--|--|-------|----------|--|---------|----|-----------|-------|--|
| Surrogate: 4-Bromofluorobenzene (PID) | | | 114 % | 69.9-140 | | 1070707 | MS | 08-Jul-21 | 8021B | |
|---------------------------------------|--|--|-------|----------|--|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 1070806 | MS | 08-Jul-21 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 1070806 | MS | 08-Jul-21 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 1070806 | MS | 08-Jul-21 | 8015B | |

| | | | | | | | | | | |
|---------------------------|--|--|-------|----------|--|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctane | | | 105 % | 44.3-133 | | 1070806 | MS | 08-Jul-21 | 8015B | |
|---------------------------|--|--|-------|----------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|-------------------------------|--|--|-------|----------|--|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctadecane | | | 102 % | 38.9-142 | | 1070806 | MS | 08-Jul-21 | 8015B | |
|-------------------------------|--|--|-------|----------|--|---------|----|-----------|-------|--|

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

| | | |
|---|---|------------------------------|
| APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 | Project: RED LAKE 28 ST K BATTERY Project Number: NONE GIVEN Project Manager: JEFFREY BROOM Fax To: (575) 393-2432 | Reported: 13-Jul-21 11:29 |
|---|---|------------------------------|

**SW
H211763-02 (Soil)**

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

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 144 | | 16.0 | mg/kg | 4 | 1071311 | GM | 13-Jul-21 | 4500-Cl-B | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 1070707 | MS | 08-Jul-21 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 1070707 | MS | 08-Jul-21 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 1070707 | MS | 08-Jul-21 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 1070707 | MS | 08-Jul-21 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 1070707 | MS | 08-Jul-21 | 8021B | |

| | | | | | | | | | | |
|--|--|--|-------|--|----------|---------|----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 116 % | | 69.9-140 | 1070707 | MS | 08-Jul-21 | 8021B | |
|--|--|--|-------|--|----------|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 1070806 | MS | 08-Jul-21 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 1070806 | MS | 08-Jul-21 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 1070806 | MS | 08-Jul-21 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 94.5 % | | 44.3-133 | 1070806 | MS | 08-Jul-21 | 8015B | |
|----------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 91.4 % | | 38.9-142 | 1070806 | MS | 08-Jul-21 | 8015B | |
|--------------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

| | | |
|---|---|------------------------------|
| APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 | Project: RED LAKE 28 ST K BATTERY Project Number: NONE GIVEN Project Manager: JEFFREY BROOM Fax To: (575) 393-2432 | Reported: 13-Jul-21 11:29 |
|---|---|------------------------------|

**EW
H211763-03 (Soil)**

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

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 128 | | 16.0 | mg/kg | 4 | 1071311 | GM | 13-Jul-21 | 4500-Cl-B | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 1070707 | MS | 08-Jul-21 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 1070707 | MS | 08-Jul-21 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 1070707 | MS | 08-Jul-21 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 1070707 | MS | 08-Jul-21 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 1070707 | MS | 08-Jul-21 | 8021B | |

| | | | | | | | | | | |
|--|--|--|-------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 113 % | 69.9-140 | | 1070707 | MS | 08-Jul-21 | 8021B | |
|--|--|--|-------|----------|--|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 1070806 | MS | 08-Jul-21 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 1070806 | MS | 08-Jul-21 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 1070806 | MS | 08-Jul-21 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 95.6 % | 44.3-133 | | 1070806 | MS | 08-Jul-21 | 8015B | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 93.7 % | 38.9-142 | | 1070806 | MS | 08-Jul-21 | 8015B | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

| | | |
|---|---|------------------------------|
| APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 | Project: RED LAKE 28 ST K BATTERY Project Number: NONE GIVEN Project Manager: JEFFREY BROOM Fax To: (575) 393-2432 | Reported: 13-Jul-21 11:29 |
|---|---|------------------------------|

WW

H211763-04 (Soil)

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

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 80.0 | | 16.0 | mg/kg | 4 | 1071311 | GM | 13-Jul-21 | 4500-Cl-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 1070707 | MS | 08-Jul-21 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 1070707 | MS | 08-Jul-21 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 1070707 | MS | 08-Jul-21 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 1070707 | MS | 08-Jul-21 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 1070707 | MS | 08-Jul-21 | 8021B | |

| | | | | | | | | | | |
|--|--|--|-------|--|----------|---------|----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 115 % | | 69.9-140 | 1070707 | MS | 08-Jul-21 | 8021B | |
|--|--|--|-------|--|----------|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 1070806 | MS | 08-Jul-21 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 1070806 | MS | 08-Jul-21 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 1070806 | MS | 08-Jul-21 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 98.2 % | | 44.3-133 | 1070806 | MS | 08-Jul-21 | 8015B | |
|----------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 94.6 % | | 38.9-142 | 1070806 | MS | 08-Jul-21 | 8015B | |
|--------------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

| | | |
|---|---|------------------------------|
| APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 | Project: RED LAKE 28 ST K BATTERY Project Number: NONE GIVEN Project Manager: JEFFREY BROOM Fax To: (575) 393-2432 | Reported: 13-Jul-21 11:29 |
|---|---|------------------------------|

B 9 @ 3'
H211763-05 (Soil)

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

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 80.0 | | 16.0 | mg/kg | 4 | 1071311 | GM | 13-Jul-21 | 4500-Cl-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 1070707 | MS | 08-Jul-21 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 1070707 | MS | 08-Jul-21 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 1070707 | MS | 08-Jul-21 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 1070707 | MS | 08-Jul-21 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 1070707 | MS | 08-Jul-21 | 8021B | |

| | | | | | | | | | | |
|--|--|--|-------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 114 % | 69.9-140 | | 1070707 | MS | 08-Jul-21 | 8021B | |
|--|--|--|-------|----------|--|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 1070806 | MS | 08-Jul-21 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 1070806 | MS | 08-Jul-21 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 1070806 | MS | 08-Jul-21 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 94.5 % | 44.3-133 | | 1070806 | MS | 08-Jul-21 | 8015B | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 90.9 % | 38.9-142 | | 1070806 | MS | 08-Jul-21 | 8015B | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

| | | |
|---|---|------------------------------|
| APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 | Project: RED LAKE 28 ST K BATTERY Project Number: NONE GIVEN Project Manager: JEFFREY BROOM Fax To: (575) 393-2432 | Reported: 13-Jul-21 11:29 |
|---|---|------------------------------|

B 10 @ 3'
H211763-06 (Soil)

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

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 128 | | 16.0 | mg/kg | 4 | 1071311 | GM | 13-Jul-21 | 4500-CI-B | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 1070707 | MS | 08-Jul-21 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 1070707 | MS | 08-Jul-21 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 1070707 | MS | 08-Jul-21 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 1070707 | MS | 08-Jul-21 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 1070707 | MS | 08-Jul-21 | 8021B | |

| | | | | | | | | | | |
|--|--|--|-------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 114 % | 69.9-140 | | 1070707 | MS | 08-Jul-21 | 8021B | |
|--|--|--|-------|----------|--|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 1070806 | MS | 08-Jul-21 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 1070806 | MS | 08-Jul-21 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 1070806 | MS | 08-Jul-21 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|-------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 102 % | 44.3-133 | | 1070806 | MS | 08-Jul-21 | 8015B | |
|----------------------------------|--|--|-------|----------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 99.0 % | 38.9-142 | | 1070806 | MS | 08-Jul-21 | 8015B | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

| | | |
|---|---|------------------------------|
| APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 | Project: RED LAKE 28 ST K BATTERY Project Number: NONE GIVEN Project Manager: JEFFREY BROOM Fax To: (575) 393-2432 | Reported: 13-Jul-21 11:29 |
|---|---|------------------------------|

B 11 @ 3'
H211763-07 (Soil)

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

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 64.0 | | 16.0 | mg/kg | 4 | 1071311 | GM | 13-Jul-21 | 4500-Cl-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 1070707 | MS | 08-Jul-21 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 1070707 | MS | 08-Jul-21 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 1070707 | MS | 08-Jul-21 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 1070707 | MS | 08-Jul-21 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 1070707 | MS | 08-Jul-21 | 8021B | |

| | | | | | | | | | | |
|--|--|--|-------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 115 % | 69.9-140 | | 1070707 | MS | 08-Jul-21 | 8021B | |
|--|--|--|-------|----------|--|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 1070806 | MS | 08-Jul-21 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 1070806 | MS | 08-Jul-21 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 1070806 | MS | 08-Jul-21 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 96.8 % | 44.3-133 | | 1070806 | MS | 08-Jul-21 | 8015B | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 93.3 % | 38.9-142 | | 1070806 | MS | 08-Jul-21 | 8015B | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

| | | |
|---|---|------------------------------|
| APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 | Project: RED LAKE 28 ST K BATTERY Project Number: NONE GIVEN Project Manager: JEFFREY BROOM Fax To: (575) 393-2432 | Reported: 13-Jul-21 11:29 |
|---|---|------------------------------|

B 12 @ 3'
H211763-08 (Soil)

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

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 112 | | 16.0 | mg/kg | 4 | 1071311 | GM | 13-Jul-21 | 4500-CI-B | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 1070707 | MS | 08-Jul-21 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 1070707 | MS | 08-Jul-21 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 1070707 | MS | 08-Jul-21 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 1070707 | MS | 08-Jul-21 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 1070707 | MS | 08-Jul-21 | 8021B | |

| | | | | | | | | | | |
|--|--|--|-------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 114 % | 69.9-140 | | 1070707 | MS | 08-Jul-21 | 8021B | |
|--|--|--|-------|----------|--|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 1070806 | MS | 08-Jul-21 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 1070806 | MS | 08-Jul-21 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 1070806 | MS | 08-Jul-21 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 89.7 % | 44.3-133 | | 1070806 | MS | 08-Jul-21 | 8015B | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 87.3 % | 38.9-142 | | 1070806 | MS | 08-Jul-21 | 8015B | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

| | | |
|---|---|------------------------------|
| APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 | Project: RED LAKE 28 ST K BATTERY Project Number: NONE GIVEN Project Manager: JEFFREY BROOM Fax To: (575) 393-2432 | Reported: 13-Jul-21 11:29 |
|---|---|------------------------------|

Inorganic Compounds - Quality Control

Cardinal Laboratories

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-------------------------------------|--------|-----------------|-------|-------------|---------------|------|-------------|------|-----------|-------|
| Batch 1071311 - 1:4 DI Water | | | | | | | | | | |
| Blank (1071311-BLK1) | | | | | | | | | | |
| Prepared & Analyzed: 13-Jul-21 | | | | | | | | | | |
| Chloride | ND | 16.0 | mg/kg | | | | | | | |
| LCS (1071311-BS1) | | | | | | | | | | |
| Prepared & Analyzed: 13-Jul-21 | | | | | | | | | | |
| Chloride | 400 | 16.0 | mg/kg | 400 | | 100 | 80-120 | | | |
| LCS Dup (1071311-BSD1) | | | | | | | | | | |
| Prepared & Analyzed: 13-Jul-21 | | | | | | | | | | |
| Chloride | 416 | 16.0 | mg/kg | 400 | | 104 | 80-120 | 3.92 | 20 | |

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

| | | |
|---|---|------------------------------|
| APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 | Project: RED LAKE 28 ST K BATTERY Project Number: NONE GIVEN Project Manager: JEFFREY BROOM Fax To: (575) 393-2432 | Reported: 13-Jul-21 11:29 |
|---|---|------------------------------|

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

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

Batch 1070707 - Volatiles

Blank (1070707-BLK1)

Prepared: 07-Jul-21 Analyzed: 08-Jul-21

| | | | | | | | | | | |
|---------------------------------------|--------|-------|-------|--------|--|-----|----------|--|--|--|
| Benzene | ND | 0.050 | mg/kg | | | | | | | |
| Toluene | ND | 0.050 | mg/kg | | | | | | | |
| Ethylbenzene | ND | 0.050 | mg/kg | | | | | | | |
| Total Xylenes | ND | 0.150 | mg/kg | | | | | | | |
| Total BTEX | ND | 0.300 | mg/kg | | | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0564 | | mg/kg | 0.0500 | | 113 | 69.9-140 | | | |

LCS (1070707-BS1)

Prepared: 07-Jul-21 Analyzed: 08-Jul-21

| | | | | | | | | | | |
|---------------------------------------|--------|-------|-------|--------|--|------|----------|--|--|--|
| Benzene | 1.99 | 0.050 | mg/kg | 2.00 | | 99.4 | 89.9-120 | | | |
| Toluene | 1.94 | 0.050 | mg/kg | 2.00 | | 96.8 | 90.8-117 | | | |
| Ethylbenzene | 1.87 | 0.050 | mg/kg | 2.00 | | 93.3 | 88.9-116 | | | |
| m,p-Xylene | 3.79 | 0.100 | mg/kg | 4.00 | | 94.7 | 85.5-118 | | | |
| o-Xylene | 1.89 | 0.050 | mg/kg | 2.00 | | 94.5 | 85.5-118 | | | |
| Total Xylenes | 5.68 | 0.150 | mg/kg | 6.00 | | 94.6 | 85.5-118 | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0546 | | mg/kg | 0.0500 | | 109 | 69.9-140 | | | |

LCS Dup (1070707-BSD1)

Prepared: 07-Jul-21 Analyzed: 08-Jul-21

| | | | | | | | | | | |
|---------------------------------------|--------|-------|-------|--------|--|------|----------|------|------|--|
| Benzene | 2.10 | 0.050 | mg/kg | 2.00 | | 105 | 89.9-120 | 5.53 | 10.3 | |
| Toluene | 2.05 | 0.050 | mg/kg | 2.00 | | 102 | 90.8-117 | 5.67 | 10.5 | |
| Ethylbenzene | 1.98 | 0.050 | mg/kg | 2.00 | | 99.0 | 88.9-116 | 5.93 | 10.8 | |
| m,p-Xylene | 4.01 | 0.100 | mg/kg | 4.00 | | 100 | 85.5-118 | 5.68 | 10.7 | |
| o-Xylene | 2.01 | 0.050 | mg/kg | 2.00 | | 100 | 85.5-118 | 6.00 | 10.7 | |
| Total Xylenes | 6.02 | 0.150 | mg/kg | 6.00 | | 100 | 85.5-118 | 5.79 | 10.7 | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0559 | | mg/kg | 0.0500 | | 112 | 69.9-140 | | | |

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Caley D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

| | | |
|---|---|------------------------------|
| APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 | Project: RED LAKE 28 ST K BATTERY Project Number: NONE GIVEN Project Manager: JEFFREY BROOM Fax To: (575) 393-2432 | Reported: 13-Jul-21 11:29 |
|---|---|------------------------------|

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

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

Batch 1070806 - General Prep - Organics

| | | | | | | | | | | |
|-------------------------------|------|--------------------------------|-------|------|--|-----|----------|--|--|--|
| Blank (1070806-BLK1) | | Prepared & Analyzed: 08-Jul-21 | | | | | | | | |
| GRO C6-C10 | ND | 10.0 | mg/kg | | | | | | | |
| DRO >C10-C28 | ND | 10.0 | mg/kg | | | | | | | |
| EXT DRO >C28-C36 | ND | 10.0 | mg/kg | | | | | | | |
| Surrogate: 1-Chlorooctane | 52.9 | | mg/kg | 50.0 | | 106 | 44.3-133 | | | |
| Surrogate: 1-Chlorooctadecane | 52.0 | | mg/kg | 50.0 | | 104 | 38.9-142 | | | |

| | | | | | | | | | | |
|-------------------------------|------|--------------------------------|-------|------|--|-----|----------|--|--|--|
| LCS (1070806-BS1) | | Prepared & Analyzed: 08-Jul-21 | | | | | | | | |
| GRO C6-C10 | 216 | 10.0 | mg/kg | 200 | | 108 | 83.4-129 | | | |
| DRO >C10-C28 | 228 | 10.0 | mg/kg | 200 | | 114 | 79.3-136 | | | |
| Total TPH C6-C28 | 444 | 10.0 | mg/kg | 400 | | 111 | 85.3-130 | | | |
| Surrogate: 1-Chlorooctane | 54.8 | | mg/kg | 50.0 | | 110 | 44.3-133 | | | |
| Surrogate: 1-Chlorooctadecane | 54.0 | | mg/kg | 50.0 | | 108 | 38.9-142 | | | |

| | | | | | | | | | | |
|-------------------------------|------|--------------------------------|-------|------|--|-----|----------|-------|------|--|
| LCS Dup (1070806-BSD1) | | Prepared & Analyzed: 08-Jul-21 | | | | | | | | |
| GRO C6-C10 | 213 | 10.0 | mg/kg | 200 | | 106 | 83.4-129 | 1.34 | 12.6 | |
| DRO >C10-C28 | 227 | 10.0 | mg/kg | 200 | | 113 | 79.3-136 | 0.651 | 12.1 | |
| Total TPH C6-C28 | 439 | 10.0 | mg/kg | 400 | | 110 | 85.3-130 | 0.986 | 11.6 | |
| Surrogate: 1-Chlorooctane | 55.1 | | mg/kg | 50.0 | | 110 | 44.3-133 | | | |
| Surrogate: 1-Chlorooctadecane | 54.8 | | mg/kg | 50.0 | | 110 | 38.9-142 | | | |

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Notes and Definitions

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

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*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

| | | | | | | | | | | | | | | | | | | | |
|--|-------------|------------------|--------------|--------|----------|----------|------|------|---|---|--|--|--|--|--|--|--|--|--|
| Company Name: <u>Agave</u> | | P.O. #: | | | | | | | | | | | | | | | | | |
| Project Manager: <u>Jeff Brown</u> | | Company: | | | | | | | | | | | | | | | | | |
| Address: | | Attn: | | | | | | | | | | | | | | | | | |
| City: <u>Hobbs</u> | | Address: | | | | | | | | | | | | | | | | | |
| State: <u>NM</u> Zip: <u>88240</u> | | City: | | | | | | | | | | | | | | | | | |
| Phone #: | | State: | | | | | | | | | | | | | | | | | |
| Project #: | | Zip: | | | | | | | | | | | | | | | | | |
| Project Name: | | Phone #: | | | | | | | | | | | | | | | | | |
| Project Location: <u>Red Lake State in Bitter Lake</u> | | Fax #: | | | | | | | | | | | | | | | | | |
| Sampler Name: <u>Joe Quaselle</u> | | | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | | | | | | | | | | | | | | | | | | |
| Lab I.D. <u>H21763</u> | Sample I.D. | (G)RAB OR (C)OMP | # CONTAINERS | MATRIX | PRESERV. | SAMPLING | | | | | | | | | | | | | |
| 1 DUW | | | 1 | | | | 7-17 | 3:30 | X | X | | | | | | | | | |
| 2 SW | | | 1 | | | | | 3:32 | | | | | | | | | | | |
| 3 CW | | | 1 | | | | | 3:34 | | | | | | | | | | | |
| 4 DUW | | | 1 | | | | | 3:36 | | | | | | | | | | | |
| 5 B40's | | | 1 | | | | | 3:38 | | | | | | | | | | | |
| 6 R10's | | | 1 | | | | | 3:40 | | | | | | | | | | | |
| 7 R10's | | | 1 | | | | | 3:42 | | | | | | | | | | | |
| 8 R10's | | | 1 | | | | | 3:44 | | | | | | | | | | | |

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Relinquished By: [Signature] Date: 7-17 Time: 1:00
 Received By: [Signature] Date: 7-17 Time: 1:00

Delivered By: (Circle One) Observed Temp. °C 4.4 Sample Condition Cool Intact Yes No
 Corrected Temp. °C 4.4 CHECKED BY: (Initials) TC

Turnaround Time: 1:00 Standard Rush
 Bacteria (only) Sample Condition Cool Intact Yes No Yes No Corrected Temp. °C

REMARKS: CI added 7/13/21



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

July 14, 2021

JEFFREY BROOM

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: RED LAKE 28 ST K BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 07/13/21 9:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

| | | | |
|-------------------|--------------------------|---------------------|----------------|
| Received: | 07/13/2021 | Sampling Date: | 07/12/2021 |
| Reported: | 07/14/2021 | Sampling Type: | Soil |
| Project Name: | RED LAKE 28 ST K BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Celey D. Keene |
| Project Location: | NOT GIVEN | | |

Sample ID: WS BGS 1-8' (H211806-01)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/13/2021 | ND | 2.12 | 106 | 2.00 | 1.58 | |
| Toluene* | <0.050 | 0.050 | 07/13/2021 | ND | 2.04 | 102 | 2.00 | 1.50 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/13/2021 | ND | 1.97 | 98.7 | 2.00 | 1.78 | |
| Total Xylenes* | <0.150 | 0.150 | 07/13/2021 | ND | 6.02 | 100 | 6.00 | 1.55 | |
| Total BTEX | <0.300 | 0.300 | 07/13/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 114 % 69.9-140

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/13/2021 | ND | 212 | 106 | 200 | 2.71 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/13/2021 | ND | 223 | 111 | 200 | 7.96 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/13/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 87.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 91.2 % 38.9-142

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Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager

West Elevation

☀ 78°E (T) ● 32°48'8"N, 104°11'2"W ±147ft ▲ 3691ft



14 Jul 2021, 10:17:05

West Elevation

☉ 103°E (T) ● 32°48'9"N, 104°11'2"W ±16ft ▲ 3691ft



North East Elevation

☉ 246°SW (T) ● 32°48'9"N, 104°11'1"W ±13ft ▲ 3690ft



North East Elevation

☉ 220°SW (T) ● 32°48'9"N, 104°11'1"W ±13ft ▲ 3690ft



North West Elevation

☉ 118°SE (T) ☉ 32°48'8"N, 104°11'1"W ±13ft ▲ 3685ft



East Elevation

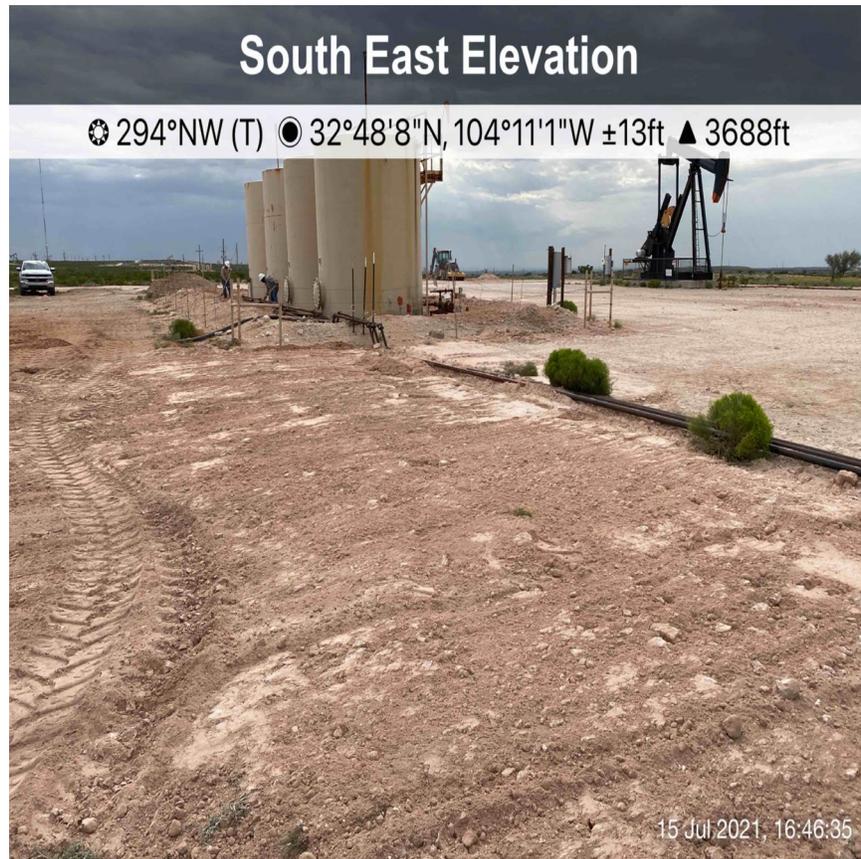
☉ 256°W (T) ☉ 32°48'8"N, 104°11'1"W ±13ft ▲ 3689ft

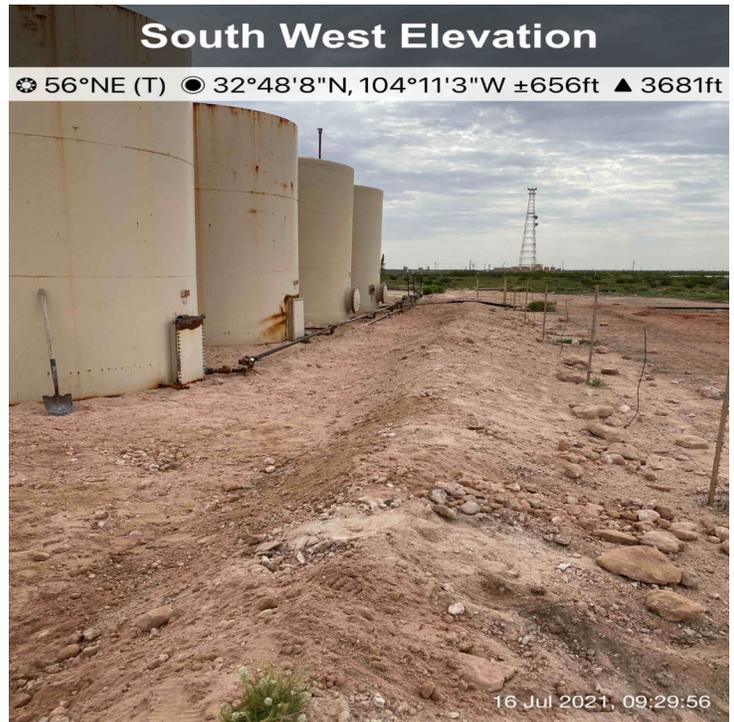


East Elevation

☉ 258°W (T) ☉ 32°48'8"N, 104°11'1"W ±13ft ▲ 3688ft









**Red Lake 28 K State Battery
2RP-3960, 2RP-3961
Revegetation
And
Noxious Weed Plan**

Revegetation Plan:

All the disturbed area in the pasture will be properly prepared and seeded with NMSLO Loamy seed mixture. The disturbed area will be monitored to ensure successful revegetation is achieved. If revegetation is not successful after a couple of growing seasons the site will be reseeded.

Noxious Weed Plan:

Apache Corporation will treat noxious weeds if they become established within the area of remediation. Weed control will be maintained on the disturbed land where noxious weeds exist both prior to remediation and restoration. Apache Corporation will consult with the Authorized Officer for acceptable weed control methods.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 404341

QUESTIONS

| | |
|---|---|
| Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705 | OGRID: 873 |
| | Action Number: 404341 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| | |
|----------------------|---|
| Prerequisites | |
| Incident ID (n#) | nAB1629936433 |
| Incident Name | NAB1629936433 RED LAKE 28 K STATE #001 @ 30-015-33740 |
| Incident Type | Oil Release |
| Incident Status | Remediation Closure Report Received |
| Incident Well | [30-015-33740] RED LAKE 28 K STATE #001 |

| | |
|---|--------------------------|
| Location of Release Source | |
| <i>Please answer all the questions in this group.</i> | |
| Site Name | RED LAKE 28 K STATE #001 |
| Date Release Discovered | 10/10/2016 |
| Surface Owner | State |

| | |
|--|-------------|
| Incident Details | |
| <i>Please answer all the questions in this group.</i> | |
| 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 | |
| <i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i> | |
| Crude Oil Released (bbls) Details | Cause: Equipment Failure Tank (Any) Crude Oil Released: 45 BBL Recovered: 45 BBL Lost: 0 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. |

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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 404341

QUESTIONS (continued)

| | |
|---|---|
| Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705 | OGRID: 873 |
| | Action Number: 404341 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| | |
|---|--|
| Nature and Volume of Release (continued) | |
| Is this a gas only submission (i.e. only significant Mcf values reported) | No, according to supplied volumes this does not appear to be a "gas only" report. |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC | 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. |

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

| | |
|--|--|
| I hereby agree and sign off to the above statement | Name: Larry Baker Title: Sr Environmental Tech Email: larry.baker@apachecorp.com Date: 11/18/2024 |
|--|--|

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Phone: (505) 476-3441

General Information
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Energy, Minerals and Natural Resources
Oil Conservation Division
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QUESTIONS, Page 3

Action 404341

QUESTIONS (continued)

| | |
|---|---|
| Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705 | OGRID: 873 |
| | Action Number: 404341 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
| | |

QUESTIONS

Site Characterization

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

| | |
|--|---------------------------|
| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs) | Between 100 and 500 (ft.) |
| What method was used to determine the depth to ground water | Direct Measurement |
| Did this release impact groundwater or surface water | No |
| What is the minimum distance, between the closest lateral extents of the release and the following surface areas: | |
| A continuously flowing watercourse or any other significant watercourse | Between 1 and 5 (mi.) |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) | Between 1 and 5 (mi.) |
| An occupied permanent residence, school, hospital, institution, or church | Between 1 and 5 (mi.) |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes | Between ½ and 1 (mi.) |
| Any other fresh water well or spring | Between ½ and 1 (mi.) |
| Incorporated municipal boundaries or a defined municipal fresh water well field | Between 1 and 5 (mi.) |
| A wetland | Between 1 and 5 (mi.) |
| A subsurface mine | Between 1 and 5 (mi.) |
| An (non-karst) unstable area | Between 1 and 5 (mi.) |
| Categorize the risk of this well / site being in a karst geology | Low |
| A 100-year floodplain | Between 1 and 5 (mi.) |
| Did the release impact areas not on an exploration, development, production, or storage site | Yes |

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

| | |
|--|-----|
| Requesting a remediation plan approval with this submission | Yes |
| <i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i> | |
| Have the lateral and vertical extents of contamination been fully delineated | Yes |
| Was this release entirely contained within a lined containment area | No |

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

| | |
|---|------|
| Chloride (EPA 300.0 or SM4500 Cl B) | 304 |
| TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M) | 1461 |
| GRO+DRO (EPA SW-846 Method 8015M) | 1461 |
| BTEX (EPA SW-846 Method 8021B or 8260B) | 0 |
| Benzene (EPA SW-846 Method 8021B or 8260B) | 0 |

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

| | |
|---|------------|
| On what estimated date will the remediation commence | 01/01/2020 |
| On what date will (or did) the final sampling or liner inspection occur | 07/13/2021 |
| On what date will (or was) the remediation complete(d) | 07/15/2021 |
| What is the estimated surface area (in square feet) that will be reclaimed | 800 |
| What is the estimated volume (in cubic yards) that will be reclaimed | 89 |
| What is the estimated surface area (in square feet) that will be remediated | 2800 |
| What is the estimated volume (in cubic yards) that will be remediated | 192 |

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 404341

QUESTIONS (continued)

| | |
|---|---|
| Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705 | OGRID: 873 |
| | Action Number: 404341 |
| | 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 | R360 ARTESIA LLC LANDFARM [FEEM0112340644] |
| 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) | No |
| (In Situ) Soil Vapor Extraction | No |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.) | No |
| (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.) | No |
| (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.) | No |
| Ground Water Abatement pursuant to 19.15.30 NMAC | No |
| OTHER (Non-listed remedial process) | No |

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: Larry Baker Title: Sr Environmental Tech Email: larry.baker@apachecorp.com Date: 11/18/2024 |
|--|--|

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 404341

QUESTIONS (continued)

| | |
|---|---|
| Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705 | OGRID: 873 |
| | Action Number: 404341 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

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

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QUESTIONS, Page 6

Action 404341

QUESTIONS (continued)

| | |
|---|---|
| Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705 | OGRID: 873 |
| | Action Number: 404341 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| Sampling Event Information | |
|---|-------------------|
| Last sampling notification (C-141N) recorded | 404334 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 07/11/2021 |
| What was the (estimated) number of samples that were to be gathered | 25 |
| What was the sampling surface area in square feet | 2800 |

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

| | |
|--|--|
| Requesting a remediation closure approval with this submission | Yes |
| Have the lateral and vertical extents of contamination been fully delineated | Yes |
| Was this release entirely contained within a lined containment area | No |
| All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion | Yes |
| What was the total surface area (in square feet) remediated | 2800 |
| What was the total volume (cubic yards) remediated | 192 |
| 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 | 800 |
| What was the total volume (in cubic yards) reclaimed | 89 |
| Summarize any additional remediation activities not included by answers (above) | The release area was excavated and hauled to an OCD approved disposal facility. Laboratory analysis were below table one standards for release greater than 100 feet. Pasture has been reclaimed to standards of 600 chloride and 100 TPH in top 4 feet. The pad area was restored with clean imported caliche. The pasture was backfilled with clean imported topsoil and reseeded. |

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

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

| | |
|--|--|
| I hereby agree and sign off to the above statement | Name: Larry Baker Title: Sr Environmental Tech Email: larry.baker@apachecorp.com Date: 11/18/2024 |
|--|--|

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QUESTIONS, Page 7

Action 404341

QUESTIONS (continued)

| | |
|---|---|
| Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705 | OGRID: 873 |
| | Action Number: 404341 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

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

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CONDITIONS

Action 404341

CONDITIONS

| | |
|---|---|
| Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705 | OGRID: 873 |
| | Action Number: 404341 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|--|----------------|
| amaxwell | Remediation closure approved. | 12/5/2024 |
| amaxwell | A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable. | 12/5/2024 |
| amaxwell | The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan. | 12/5/2024 |