Mexico Page 1 of 87

| Incident ID | NRM2032829991 |
|----------------|---------------|
| 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 i | tems must be included in the closure report. |
|---|--|
| ✓ A scaled site and sampling diagram as described in 19.15.29.1 | 11 NMAC |
| Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection) | of the liner integrity if applicable (Note: appropriate OCD District office |
| ☐ Laboratory analyses of final sampling (Note: appropriate ODG | C District office must be notified 2 days prior to final sampling) |
| Description of remediation activities | |
| | |
| and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and replaced to the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regular restore, reclaim, and re-vegetate the impacted surface area to the conformation accordance with 19.15.29.13 NMAC including notification to the Conformation Name: Larry Baker | ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in |
| Signature: Larry Baker | Date: 9/7/2021 |
| Signature: Larry Baker email: larry.baker@apachecorp.com | Telephone: 432-631-6982 |
| | |
| OCD Only | |
| Received by: Robert Hamlet | Date: 1/25/2022 |
| | of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible for regulations. |
| Closure Approved by: Robert Hamlet | Date: 1/25/2022 |
| Printed Name: Robert Hamlet | Title: Environmental Specialist - Advanced |



Closure Report

September 7, 2021

Re: Hawk A # 17

Case # NRM2032829991

On 10/28/2020 a release occurred due a flow line separated from a fusion point near the poly to steel transition. The release (GPS: 32.49802, -103.18776) is located north of Eunice, New Mexico in unit letter C section 8 township 21S range 37E. A groundwater survey was conducted utilizing NMOSE wells of record. The nearest well's drillers log suggest that groundwater is greater than 100 feet below ground surface. A remediation plan was submitted to OCD and approved with stipulations. On 9/1/2021 a soil bore (32.4977805, -103.1877247) was conducted on the lease pad to a depth of 60 feet. The bore hole was left open for 72 hours and gauged with no water present to a depth of 60 feet.

The release area in the pasture was excavated to depths 1-4 feet below ground surface. The lease pad had a small 2 foot excavation. All excavated soil was hauled to an OCD approved disposal facility. Final 5 point bottom and wall composite samples were collected not to exceed 200 square feet. All samples collected were submitted to a commercial laboratory for analysis. Once laboratory analysis were below table one standards for releases 51-100 feet to groundwater and reclamation standards in the pasture the excavation was backfilled with clean imported top soil in the pasture and clean imported caliche on the pad. The pasture area will be reseeded in accordance with the surface landowner.

Apache Corporation has completed remediation to below table one standards and respectfully request closure of event # NRM2032829991.

Enclosed: C-141, Groundwater Data, Maps, Field Notes, Sample Data, Laboratory Results, and Photos

Submitted by;

Environmental Technician larry.baker@apachecorp.com

Cell# 432-631-6982

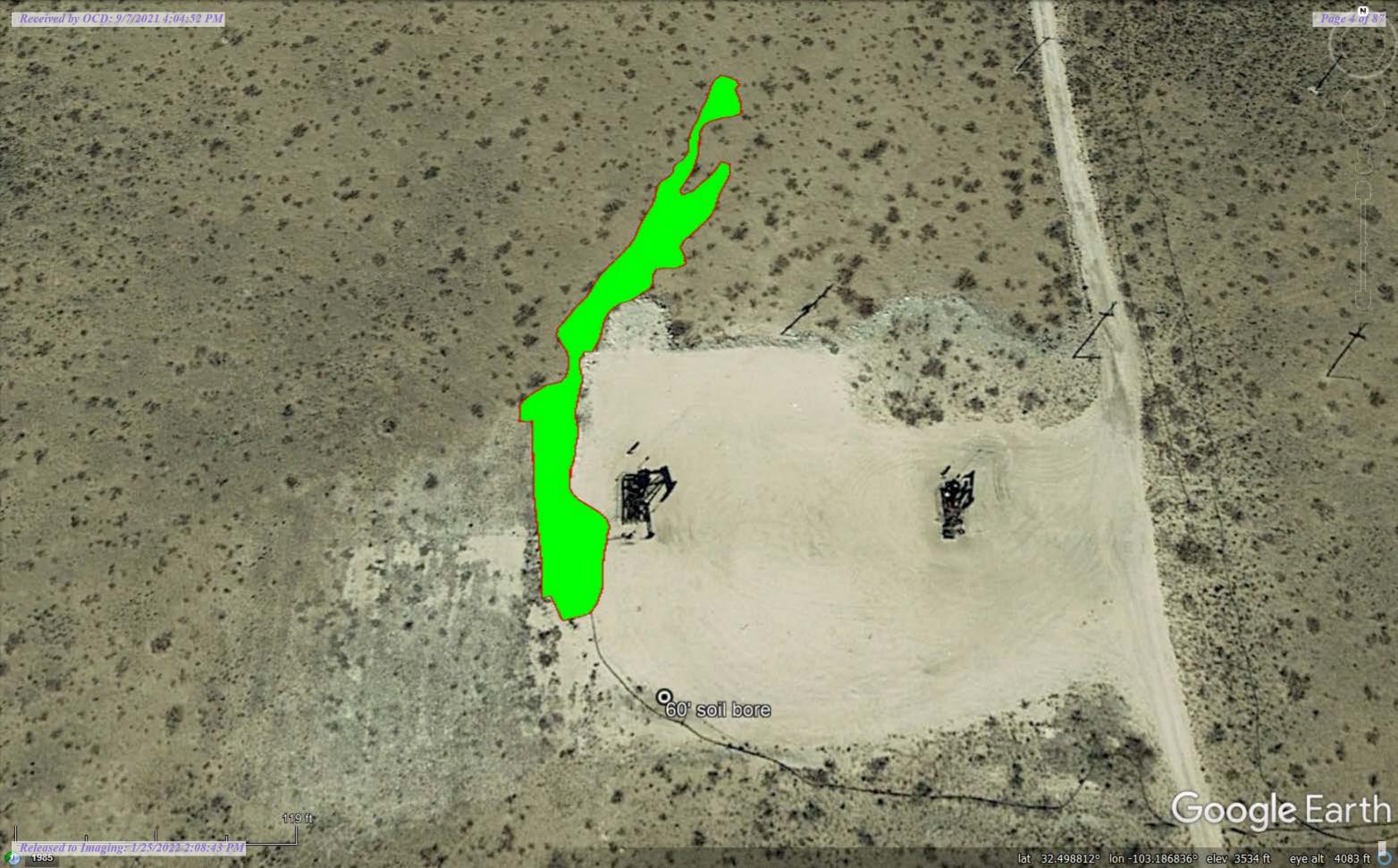
| Received by OCD: 9/7/2021 | 4:04:52 PM |
|---------------------------|---------------------------|
| Form C-141 | State of New Mexico |
| Page 6 | Oil Conservation Division |

| | Page 3 of 87 |
|----------------|--------------|
| 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 | ng items must be included in the closure report. |
|--|---|
| ☐ A scaled site and sampling diagram as described in 19.15.2 | 29.11 NMAC |
| Photographs of the remediated site prior to backfill or pho must be notified 2 days prior to liner inspection) | tos of the liner integrity if applicable (Note: appropriate OCD District office |
| ☐ Laboratory analyses of final sampling (Note: appropriate C | DDC District office must be notified 2 days prior to final sampling) |
| Description of remediation activities | |
| | |
| and regulations all operators are required to report and/or file cermay endanger public health or the environment. The acceptance should their operations have failed to adequately investigate and human health or the environment. In addition, OCD acceptance compliance with any other federal, state, or local laws and/or regrestore, reclaim, and re-vegetate the impacted surface area to the accordance with 19.15.29.13 NMAC including notification to the | - |
| Printed Name: Larry Baker | Title: Environmental Tech SR. |
| Signature: Larry Baker | Date: 9/7/2021 |
| Signature: Larry Baker email: larry.baker@apachecorp.com | Telephone: 432-631-6982 |
| | |
| OCD Only | |
| Received by: | Date: |
| | arty of liability should their operations have failed to adequately investigate and ace water, human health, or the environment nor does not relieve the responsible nd/or regulations. |
| Closure Approved by: | Date: |
| Printed Name: | Title: |

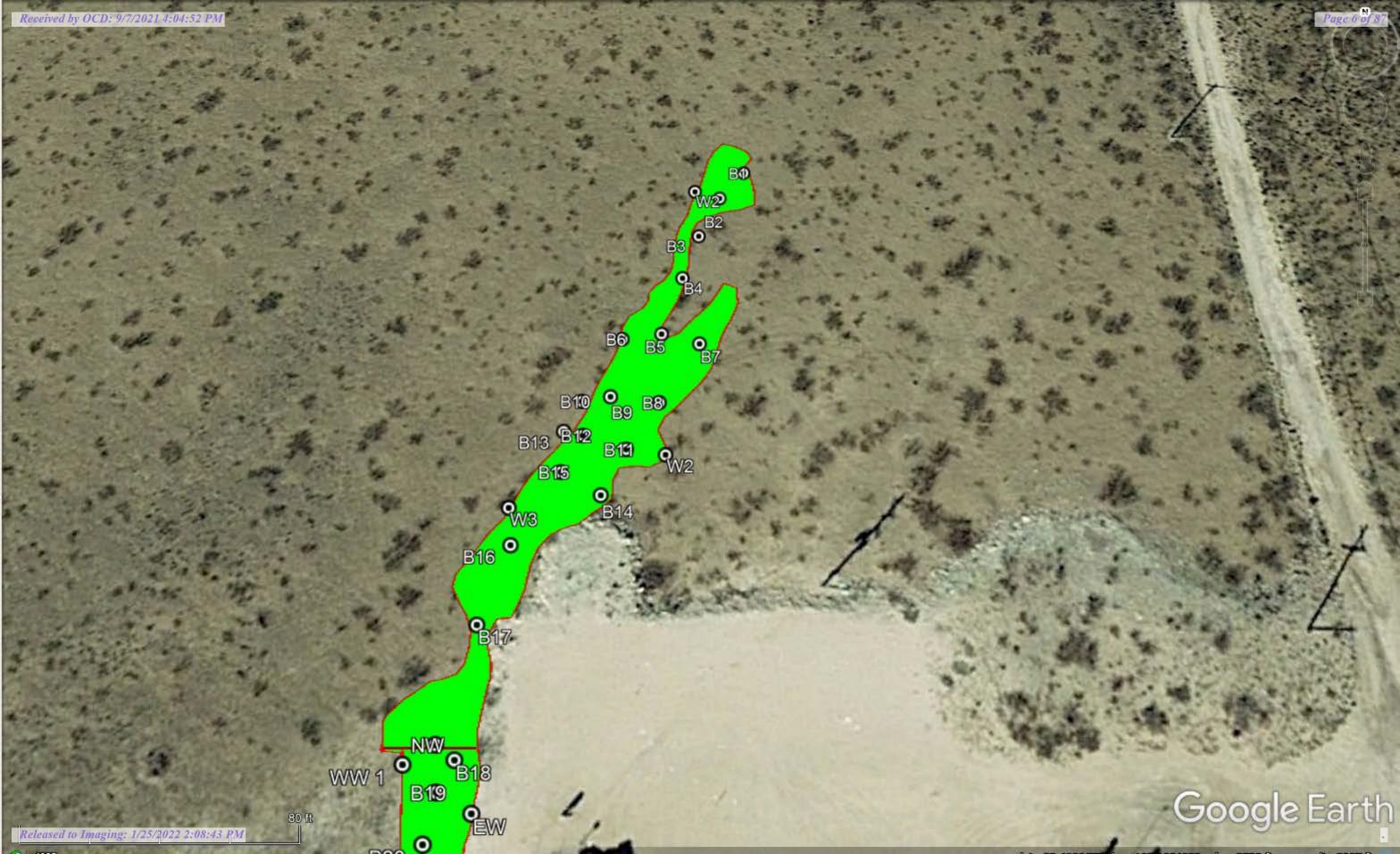


Office: 575-396-3790

Desert Sand Water Well Services, LLC.

Soil Bore Report

| oju | Customer: | | | | Phone: | | Date: | | | | |
|---------------------|----------------|---------------|------------------|---------|---|------------|-----------------|--|--|--|--|
| General / Well Info | Dimond | back Dispos | al/Apache | e Corp. | 575-631-9586 | | 9/1/21 | | | | |
| al/ | Well Name | : | | | Location: | | | | | | |
| Gener | APACHE | HAWK A 01 | 7 API 3002 | 253591 | 32.4977805, -103.18 | 77247 | 7 | | | | |
| | D | ЕРТН | | | | | | | | | |
| | FROM | ТО | THICKNESS (feet) | COLOR | AND TYPE OF MATERIAL ENCOUNTE BEARING CAVITIES OR FRAC | | CLUDE WATER | | | | |
| | 0 12 12 CLECHE | | | | | | | | | | |
| | 12 | 26 | 14 | | TAN SAND | | | | | | |
| | 26 | 44 | 18 | | LIGHT RED SAND | | | | | | |
| | 44 | 60 | 16 | | TAN SAND | | | | | | |
| | | | | | | | | | | | |
| | 17 | | | | | | | | | | |
| | | | | | | | | | | | |
| | - | 4-5-2-4 | | | | | | | | | |
| . 7 | | 77.5 | | | | | | | | | |
| WELL | | 1 | | | | | | | | | |
| M | | | | DODE I | HOLE WAS LEFT OPEN 72 HOURS | THEN CI | IECKED EOD | | | | |
| OF | - 1 | | | | THE BORE HOLE WAS DRY AFTER 72 | | | | | | |
| | 735 | | | | ROM THE BOTTOM OF THE HOLE TO 20 FI | | | | | | |
| 500 | 60 / | 4600 | | | wel and filled to surface with 3/8 hole p | | | | | | |
| | 87 1 | # 17 | | pea gra | ver and infect to surface with 5/6 hole p | rug to sur | 1400 OH / T 21. | | | | |
| | 1000 | 77 szi ski | | 1000 | | h | in e | | | | |
| | 300 | | 575 | 100000 | | _ | | | | | |
| | r in | | Do Ele | - SEE E | | aller, I | REAL PARTY | | | | |
| | 7.1 | 1 To a second | 19 S S F 10 S | 1000000 | MODEL IT. ST. 1 | 200 | 100 | | | | |



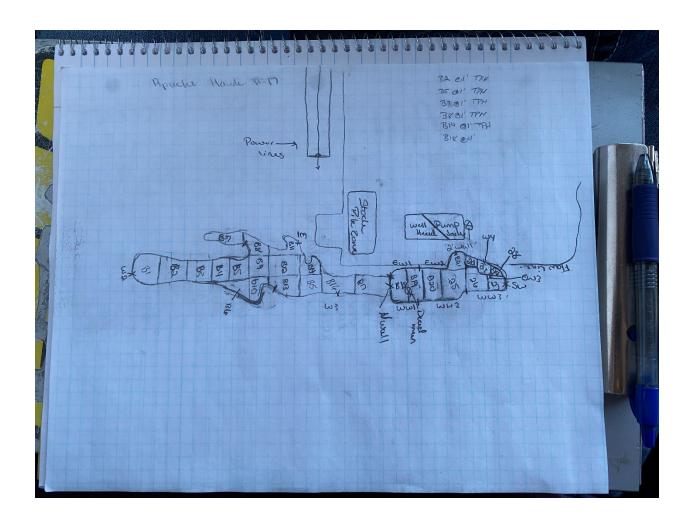
Final Bottom Samples

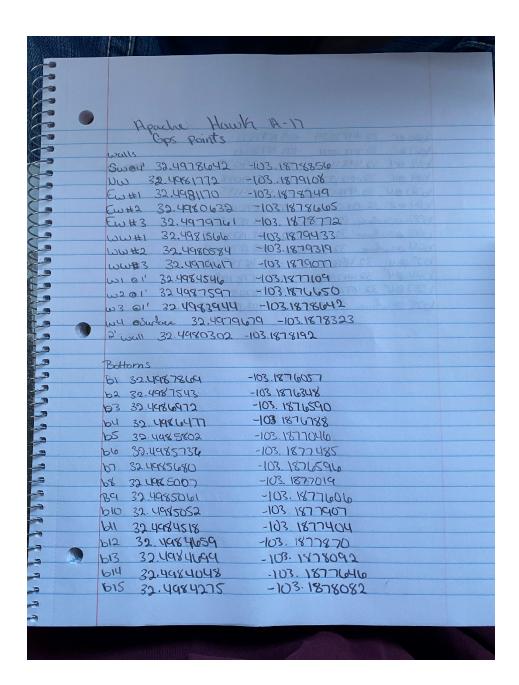
| Sample | Sample ID | Depth | Chloride | Benzene | | Ethybenze | Total | Total | GRO | DRO | EXT DRO |
|-----------|-----------|---------|----------|---------|---------|-----------|---------|---------|-------|-------|---------|
| Date | | | Lab | | | ne | Xylenes | BTEX | | | |
| 8/23/2021 | B1 | 6"-1' | <16 | <0.050 | < 0.050 | <0.050 | <0.150 | < 0.300 | <10.0 | <10.0 | <10.0 |
| 8/23/2021 | B2 | 6"-1' | <16 | < 0.050 | < 0.050 | < 0.050 | <0.150 | < 0.300 | <10.0 | 359 | 81.9 |
| 8/30/2021 | B2 | 1-1.5' | | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 29 | <10.0 |
| 8/23/2021 | В3 | 6"-1' | <16 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 |
| 8/23/2021 | B4 | 6"-1' | <16 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 |
| 8/23/2021 | B5 | 6"-1' | <16 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 213 | 44 |
| 8/30/2021 | B5 | 1-1.5' | | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 76.7 | <10.0 |
| 8/23/2021 | В6 | 6"-1' | <16 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 |
| 8/23/2021 | В7 | 6"-1' | <16 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 170 | 27.1 |
| 8/30/2021 | В7 | 1-1.5' | | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 |
| 8/23/2021 | B8 | 6"-1' | 16 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 290 | 56.5 |
| 8/30/2021 | В8 | 1-1.5' | | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 20.1 | <10.0 |
| 8/23/2021 | В9 | 6"-1' | <16 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 |
| 8/23/2021 | B10 | 6"-1' | <16 | <0.050 | < 0.050 | <0.050 | <0.150 | < 0.300 | <10.0 | <10.0 | <10.0 |
| 8/23/2021 | B11 | 6"-1' | <16 | < 0.050 | < 0.050 | <0.050 | <0.150 | < 0.300 | <10.0 | <10.0 | <10.0 |
| 8/23/2021 | B12 | 6"-1' | <16 | <0.050 | < 0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 |
| 8/23/2021 | B13 | 6"-1' | <16 | <0.050 | <0.050 | <0.050 | <0.150 | < 0.300 | <10.0 | <10.0 | <10.0 |
| 8/23/2021 | B14 | 6"-1' | <16 | < 0.050 | < 0.050 | <0.050 | <0.150 | < 0.300 | <10.0 | 198 | 38.9 |
| 8/30/2021 | B14 | 1-1.5' | | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 |
| 8/23/2021 | B15 | 6"-1' | <16 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 |
| 8/23/2021 | B16 | 6"-1' | <16 | <0.050 | < 0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 |
| 8/23/2021 | B17 | 6"-1' | <16 | < 0.050 | < 0.050 | < 0.050 | <0.150 | < 0.300 | <10.0 | <10.0 | <10.0 |
| 8/23/2021 | B18 | 4' | 656 | < 0.050 | < 0.050 | <0.050 | <0.150 | < 0.300 | <10.0 | <10.0 | <10.0 |
| 9/3/2021 | B18 | 4' | 784 | <0.050 | <0.050 | <0.050 | <0.150 | < 0.300 | <10.0 | <10.0 | <10.0 |
| 9/3/2021 | B19 | 4' | 656 | < 0.050 | < 0.050 | < 0.050 | <0.150 | < 0.300 | <10.0 | <10.0 | <10.0 |
| 9/3/2021 | B20 | 4' | 1100 | <0.050 | <0.050 | <0.050 | <0.150 | < 0.300 | <10.0 | <10.0 | <10.0 |
| 9/1/2021 | B21 | 2' | 3920 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 |
| 9/1/2021 | B22 | Surface | 1820 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 |
| 9/1/2021 | B23 | Surface | 3480 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 83.1 | 56.2 |
| 9/1/2021 | B24 | Surface | 1440 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 120 | 129 |
| 9/3/2021 | B25 | 4' | 2120 | <0.050 | < 0.050 | <0.050 | <0.150 | < 0.300 | <10.0 | <10.0 | <10.0 |

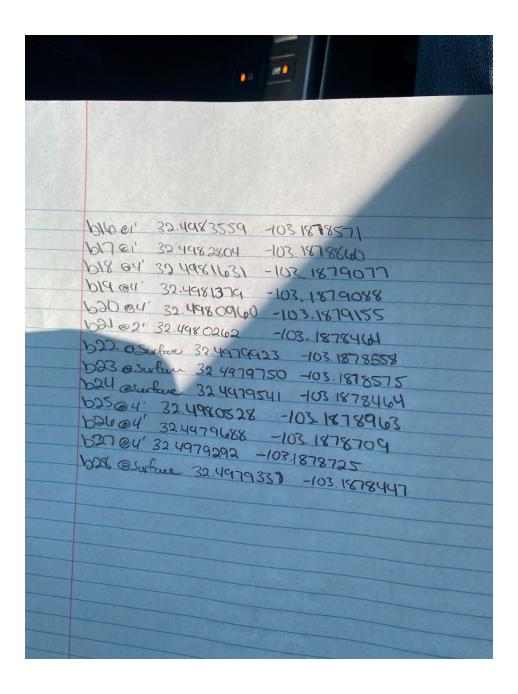
| 9/3/2021 | B26 | 4' | 2400 | <0.050 | <0.050 | < 0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 |
|----------|-----|----|------|---------|---------|---------|--------|---------|-------|-------|-------|
| 9/3/2021 | B27 | 4' | 1100 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 |
| 9/3/2021 | B28 | 4' | 224 | < 0.050 | < 0.050 | < 0.050 | <0.150 | < 0.300 | <10.0 | 27.7 | 10.7 |

Final Wall Samples

| Sample | Sample ID | Depth | Chloride | Benzene | Toulene | Ethybenze | Total | Total | GRO | DRO | EXT DRO |
|-----------|-----------|---------|----------|---------|---------|-----------|---------|---------|-------|-------|---------|
| Date | | | Lab | | | ne | Xylenes | BTEX | | | |
| 8/23/2021 | W1 | 0-1' | <16 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 |
| 8/23/2021 | W2 | 0-1' | <16 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 |
| 8/23/2021 | W3 | 0-1' | <16 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 |
| 9/1/2021 | W4 | Surface | 4640 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 26.2 | 13.7 |
| 9/3/2021 | W4 | Surface | 32 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 54.2 | 11.3 |
| 9/1/2021 | E Wall | 0-4' | 3320 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 |
| 9/1/2021 | E Wall | 0-2' | 2600 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | 10.1 |
| 9/2/2021 | EW 2 | 0-4' | 2600 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 |
| 9/3/2021 | EW 3 | 0-4' | 2440 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 |
| 9/2/2021 | WW 1 | 0-4' | 192 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 |
| 9/2/2021 | WW 2 | 0-4' | 672 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 |
| 9/3/2021 | WW2 | 0-4' | <16 | | | | | | | | |
| 9/3/2021 | WW 3 | 0-4' | 32 | <0.050 | <0.050 | <0.050 | <0.150 | < 0.300 | <10.0 | 59.2 | 16.3 |
| 9/2/2021 | NW | 0-4' | 208 | <0.050 | <0.050 | <0.050 | <0.150 | < 0.300 | <10.0 | <10.0 | <10.0 |
| 9/3/2021 | SW | 0-4' | 64 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 62.1 | 20.3 |









August 25, 2021

JEFFREY BROOM

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: HAWK A - 17

Enclosed are the results of analyses for samples received by the laboratory on 08/23/21 16:45.

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 accreditated through the State of Colorado Department of Public Health and Environment for:

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

Celey D. Keine

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,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Fax To: (575) 393-2432

Received: 08/23/2021 Reported: 08/25/2021

Project Name: HAWK A - 17
Project Number: NONE GIVEN
Project Location: EUNICE, NM

Sampling Date: 08/23/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: B 1 @ 1' (H212250-01)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.99 | 99.6 | 2.00 | 2.30 | |
| Toluene* | <0.050 | 0.050 | 08/24/2021 | ND | 2.08 | 104 | 2.00 | 0.837 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/24/2021 | ND | 2.04 | 102 | 2.00 | 0.944 | |
| Total Xylenes* | <0.150 | 0.150 | 08/24/2021 | ND | 6.14 | 102 | 6.00 | 0.632 | |
| Total BTEX | <0.300 | 0.300 | 08/24/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 107 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 08/24/2021 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 08/24/2021 | ND | 212 | 106 | 200 | 3.92 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/24/2021 | ND | 193 | 96.6 | 200 | 2.32 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/24/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 76.3 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 71.1 | % 38.9-14 | 2 | | | | | | |

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg & treene



Analytical Results For:

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

Fax To: (575) 393-2432

 Received:
 08/23/2021
 Sampling Date:
 08/23/2021

 Reported:
 08/25/2021
 Sampling Type:
 Soil

Project Name: HAWK A - 17 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EUNICE, NM

Sample ID: B 2 @ 1' (H212250-02)

| BTEX 8021B | mg | /kg | Analyze | ed By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.99 | 99.6 | 2.00 | 2.30 | |
| Toluene* | <0.050 | 0.050 | 08/24/2021 | ND | 2.08 | 104 | 2.00 | 0.837 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/24/2021 | ND | 2.04 | 102 | 2.00 | 0.944 | |
| Total Xylenes* | <0.150 | 0.150 | 08/24/2021 | ND | 6.14 | 102 | 6.00 | 0.632 | |
| Total BTEX | <0.300 | 0.300 | 08/24/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 104 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | Analyzed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 08/24/2021 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 08/24/2021 | ND | 212 | 106 | 200 | 3.92 | |
| DRO >C10-C28* | 359 | 10.0 | 08/24/2021 | ND | 193 | 96.6 | 200 | 2.32 | |
| EXT DRO >C28-C36 | 81.9 | 10.0 | 08/24/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 76.0 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 72.2 | % 38.9-14 | 2 | | | | | | |
| | | | | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Kune



Analytical Results For:

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

Received: 08/23/2021 Reported: 08/25/2021

Project Name: **HAWK A - 17** Project Number: NONE GIVEN Project Location: EUNICE, NM

Sampling Date: 08/23/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: B 3 @ 1' (H212250-03)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.99 | 99.6 | 2.00 | 2.30 | |
| Toluene* | <0.050 | 0.050 | 08/24/2021 | ND | 2.08 | 104 | 2.00 | 0.837 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/24/2021 | ND | 2.04 | 102 | 2.00 | 0.944 | |
| Total Xylenes* | <0.150 | 0.150 | 08/24/2021 | ND | 6.14 | 102 | 6.00 | 0.632 | |
| Total BTEX | <0.300 | 0.300 | 08/24/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 104 % | 69.9-14 | 0 | | | | | | |
| 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 | 08/24/2021 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 08/24/2021 | ND | 212 | 106 | 200 | 3.92 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/24/2021 | ND | 193 | 96.6 | 200 | 2.32 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/24/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 75.1 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 70.3 | % 38.9-14 | 2 | | | | | | |

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Analytical Results For:

APACHE CORP - HOBBS JEFFREY BROOM 2350 W. MARLAND BLVD. HOBBS NM, 88240 Fax To: (575) 393-243

Fax To: (575) 393-2432

 Received:
 08/23/2021
 Sampling Date:
 08/23/2021

 Reported:
 08/25/2021
 Sampling Type:
 Soil

Project Name: HAWK A - 17 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EUNICE, NM

Sample ID: B 4 @ 1' (H212250-04)

| BTEX 8021B | mg, | 'kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.99 | 99.6 | 2.00 | 2.30 | |
| Toluene* | <0.050 | 0.050 | 08/24/2021 | ND | 2.08 | 104 | 2.00 | 0.837 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/24/2021 | ND | 2.04 | 102 | 2.00 | 0.944 | |
| Total Xylenes* | <0.150 | 0.150 | 08/24/2021 | ND | 6.14 | 102 | 6.00 | 0.632 | |
| Total BTEX | <0.300 | 0.300 | 08/24/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg, | 'kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 08/24/2021 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg, | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 08/24/2021 | ND | 212 | 106 | 200 | 3.92 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/24/2021 | ND | 193 | 96.6 | 200 | 2.32 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/24/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 71.0 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 67.4 | % 38.9-14 | 2 | | | | | | |

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Analytical Results For:

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

Received: 08/23/2021 Reported: 08/25/2021

Project Name: HAWK A - 17
Project Number: NONE GIVEN
Project Location: EUNICE, NM

Sampling Date: 08/23/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: B 5 @ 1' (H212250-05)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.99 | 99.6 | 2.00 | 2.30 | |
| Toluene* | <0.050 | 0.050 | 08/24/2021 | ND | 2.08 | 104 | 2.00 | 0.837 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/24/2021 | ND | 2.04 | 102 | 2.00 | 0.944 | |
| Total Xylenes* | <0.150 | 0.150 | 08/24/2021 | ND | 6.14 | 102 | 6.00 | 0.632 | |
| Total BTEX | <0.300 | 0.300 | 08/24/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 104 9 | 69.9-14 | 0 | | | | | | |
| 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 | 08/24/2021 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 08/24/2021 | ND | 212 | 106 | 200 | 3.92 | |
| DRO >C10-C28* | 213 | 10.0 | 08/24/2021 | ND | 193 | 96.6 | 200 | 2.32 | |
| EXT DRO >C28-C36 | 44.0 | 10.0 | 08/24/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 76.2 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 80.8 | % 38.9-14 | 2 | | | | | | |

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Analytical Results For:

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

Received: 08/23/2021 Reported: 08/25/2021

Project Name: HAWK A - 17
Project Number: NONE GIVEN
Project Location: EUNICE, NM

Sampling Date: 08/23/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: B 6 @ 1' (H212250-06)

| BTEX 8021B | mg | /kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.74 | 87.2 | 2.00 | 4.37 | |
| Toluene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.89 | 94.7 | 2.00 | 3.35 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.85 | 92.6 | 2.00 | 3.76 | |
| Total Xylenes* | <0.150 | 0.150 | 08/24/2021 | ND | 5.66 | 94.3 | 6.00 | 3.38 | |
| Total BTEX | <0.300 | 0.300 | 08/24/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.7 | % 69.9-14 | 0 | | | | | | |
| 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 | 08/24/2021 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 08/24/2021 | ND | 212 | 106 | 200 | 3.92 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/24/2021 | ND | 193 | 96.6 | 200 | 2.32 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/24/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 78.3 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 72.9 | % 38.9-14 | 22 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

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

Received: 08/23/2021 Reported: 08/25/2021

Project Name: **HAWK A - 17** Project Number: NONE GIVEN Project Location: EUNICE, NM

Sampling Date: 08/23/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: B 7 @ 1' (H212250-07)

| 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 | 08/24/2021 | ND | 1.74 | 87.2 | 2.00 | 4.37 | |
| Toluene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.89 | 94.7 | 2.00 | 3.35 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.85 | 92.6 | 2.00 | 3.76 | |
| Total Xylenes* | <0.150 | 0.150 | 08/24/2021 | ND | 5.66 | 94.3 | 6.00 | 3.38 | |
| Total BTEX | <0.300 | 0.300 | 08/24/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.4 | % 69.9-14 | 0 | | | | | | |
| 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 | 08/24/2021 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 08/24/2021 | ND | 212 | 106 | 200 | 3.92 | |
| DRO >C10-C28* | 170 | 10.0 | 08/24/2021 | ND | 193 | 96.6 | 200 | 2.32 | |
| EXT DRO >C28-C36 | 27.1 | 10.0 | 08/24/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 75.7 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 72.4 | % 38.9-14 | 2 | | | | | | |

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Analytical Results For:

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

Fax To: (575) 393-2432

Received: 08/23/2021 Reported: 08/25/2021

Project Name: HAWK A - 17
Project Number: NONE GIVEN
Project Location: EUNICE, NM

Sampling Date: 08/23/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: B 8 @ 1' (H212250-08)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | |
|--------------------------------------|---------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.74 | 87.2 | 2.00 | 4.37 | |
| Toluene* | < 0.050 | 0.050 | 08/24/2021 | ND | 1.89 | 94.7 | 2.00 | 3.35 | |
| Ethylbenzene* | < 0.050 | 0.050 | 08/24/2021 | ND | 1.85 | 92.6 | 2.00 | 3.76 | |
| Total Xylenes* | <0.150 | 0.150 | 08/24/2021 | ND | 5.66 | 94.3 | 6.00 | 3.38 | |
| Total BTEX | <0.300 | 0.300 | 08/24/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.9 | % 69.9-14 | 0 | | | | | | |
| 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 | 08/24/2021 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 08/24/2021 | ND | 212 | 106 | 200 | 3.92 | |
| DRO >C10-C28* | 290 | 10.0 | 08/24/2021 | ND | 193 | 96.6 | 200 | 2.32 | |
| EXT DRO >C28-C36 | 56.5 | 10.0 | 08/24/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 72.4 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 69.9 | % 38.9-14 | 2 | | | | | | |

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Celey D. Keine



Analytical Results For:

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

Received: 08/23/2021 Reported: 08/25/2021

Project Name: **HAWK A - 17** Project Number: NONE GIVEN Project Location: EUNICE, NM

Sampling Date: 08/23/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: B 9 @ 1' (H212250-09)

| 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 | 08/24/2021 | ND | 1.74 | 87.2 | 2.00 | 4.37 | |
| Toluene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.89 | 94.7 | 2.00 | 3.35 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.85 | 92.6 | 2.00 | 3.76 | |
| Total Xylenes* | <0.150 | 0.150 | 08/24/2021 | ND | 5.66 | 94.3 | 6.00 | 3.38 | |
| Total BTEX | <0.300 | 0.300 | 08/24/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.6 | % 69.9-14 | 0 | | | | | | |
| 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 | 08/24/2021 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 08/24/2021 | ND | 212 | 106 | 200 | 3.92 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/24/2021 | ND | 193 | 96.6 | 200 | 2.32 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/24/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 73.0 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 68.3 | % 38.9-14 | 2 | | | | | | |

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Analytical Results For:

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

Received: 08/23/2021 Reported: 08/25/2021

Project Name: HAWK A - 17
Project Number: NONE GIVEN
Project Location: EUNICE, NM

Sampling Date: 08/23/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: B 10 @ 1' (H212250-10)

| BTEX 8021B | mg | /kg | Analyze | ed By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.74 | 87.2 | 2.00 | 4.37 | |
| Toluene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.89 | 94.7 | 2.00 | 3.35 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.85 | 92.6 | 2.00 | 3.76 | |
| Total Xylenes* | <0.150 | 0.150 | 08/24/2021 | ND | 5.66 | 94.3 | 6.00 | 3.38 | |
| Total BTEX | <0.300 | 0.300 | 08/24/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.5 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 08/24/2021 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 08/24/2021 | ND | 212 | 106 | 200 | 3.92 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/24/2021 | ND | 193 | 96.6 | 200 | 2.32 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/24/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 73.7 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 71.2 | % 38.9-14 | 2 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

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

Received: 08/23/2021 Reported: 08/25/2021

Project Name: HAWK A - 17
Project Number: NONE GIVEN
Project Location: EUNICE, NM

Sampling Date: 08/23/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: B 11 @ 1' (H212250-11)

| BTEX 8021B | mg, | /kg | Analyze | ed By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.74 | 87.2 | 2.00 | 4.37 | |
| Toluene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.89 | 94.7 | 2.00 | 3.35 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.85 | 92.6 | 2.00 | 3.76 | |
| Total Xylenes* | <0.150 | 0.150 | 08/24/2021 | ND | 5.66 | 94.3 | 6.00 | 3.38 | |
| Total BTEX | <0.300 | 0.300 | 08/24/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.3 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 08/24/2021 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 08/24/2021 | ND | 212 | 106 | 200 | 3.92 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/24/2021 | ND | 193 | 96.6 | 200 | 2.32 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/24/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 77.4 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 72.3 | % 38.9-14 | 22 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

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

Received: 08/23/2021

Reported: 08/25/2021 Project Name: **HAWK A - 17** Project Number: NONE GIVEN

Project Location: EUNICE, NM Sampling Date: 08/23/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: B 12 @ 1' (H212250-12)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.74 | 87.2 | 2.00 | 4.37 | |
| Toluene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.89 | 94.7 | 2.00 | 3.35 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.85 | 92.6 | 2.00 | 3.76 | |
| Total Xylenes* | <0.150 | 0.150 | 08/24/2021 | ND | 5.66 | 94.3 | 6.00 | 3.38 | |
| Total BTEX | <0.300 | 0.300 | 08/24/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.7 | % 69.9-14 | 0 | | | | | | |
| 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 | 08/24/2021 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 08/24/2021 | ND | 212 | 106 | 200 | 3.92 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/24/2021 | ND | 193 | 96.6 | 200 | 2.32 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/24/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 75.9 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 71.2 | % 38.9-14 | 2 | | | | | | |

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Analytical Results For:

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

Fax To: (575) 393-2432

Received: 08/23/2021 Reported: 08/25/2021

Project Name: HAWK A - 17
Project Number: NONE GIVEN
Project Location: EUNICE, NM

Sampling Date: 08/23/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: B 13 @ 1' (H212250-13)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.74 | 87.2 | 2.00 | 4.37 | |
| Toluene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.89 | 94.7 | 2.00 | 3.35 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.85 | 92.6 | 2.00 | 3.76 | |
| Total Xylenes* | <0.150 | 0.150 | 08/24/2021 | ND | 5.66 | 94.3 | 6.00 | 3.38 | |
| Total BTEX | <0.300 | 0.300 | 08/24/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.0 | % 69.9-14 | 0 | | | | | | |
| 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 | 08/24/2021 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 08/24/2021 | ND | 212 | 106 | 200 | 3.92 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/24/2021 | ND | 193 | 96.6 | 200 | 2.32 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/24/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 75.0 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 71.5 | % 38.9-14 | 2 | | | | | | |

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Analytical Results For:

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

Received: 08/23/2021 Sampling Date: 08/23/2021 Reported: 08/25/2021 Sampling Type: Soil

Project Name: **HAWK A - 17** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: EUNICE, NM

Sample ID: B 14 @ 1' (H212250-14)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.74 | 87.2 | 2.00 | 4.37 | |
| Toluene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.89 | 94.7 | 2.00 | 3.35 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.85 | 92.6 | 2.00 | 3.76 | |
| Total Xylenes* | <0.150 | 0.150 | 08/24/2021 | ND | 5.66 | 94.3 | 6.00 | 3.38 | |
| Total BTEX | <0.300 | 0.300 | 08/24/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 100 | % 69.9-14 | 0 | | | | | | |
| 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 | 08/24/2021 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 08/24/2021 | ND | 212 | 106 | 200 | 3.92 | |
| DRO >C10-C28* | 198 | 10.0 | 08/24/2021 | ND | 193 | 96.6 | 200 | 2.32 | |
| EXT DRO >C28-C36 | 38.9 | 10.0 | 08/24/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 76.5 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 71.8 | % 38.9-14 | 2 | | | | | | |

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Analytical Results For:

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

Fax To: (575) 393-2432

Received: 08/23/2021 Reported: 08/25/2021

Project Name: HAWK A - 17
Project Number: NONE GIVEN
Project Location: EUNICE, NM

Sampling Date: 08/23/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: B 15 @ 1' (H212250-15)

| BTEX 8021B | mg | /kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.74 | 87.2 | 2.00 | 4.37 | |
| Toluene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.89 | 94.7 | 2.00 | 3.35 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.85 | 92.6 | 2.00 | 3.76 | |
| Total Xylenes* | <0.150 | 0.150 | 08/24/2021 | ND | 5.66 | 94.3 | 6.00 | 3.38 | |
| Total BTEX | <0.300 | 0.300 | 08/24/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.7 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 08/24/2021 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 08/24/2021 | ND | 212 | 106 | 200 | 3.92 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/24/2021 | ND | 193 | 96.6 | 200 | 2.32 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/24/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 74.3 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 72.0 | % 38.9-14 | 22 | | | | | | |
| | | | | | | | | | |

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08/23/2021

Soil

Analytical Results For:

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

Fax To: (575) 393-2432

Received: 08/23/2021 Sampling Date:
Reported: 08/25/2021 Sampling Type:

Project Name: HAWK A - 17 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EUNICE, NM

Sample ID: B 16 @ 1' (H212250-16)

| BTEX 8021B | mg | /kg | Analyze | ed By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.74 | 87.2 | 2.00 | 4.37 | |
| Toluene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.89 | 94.7 | 2.00 | 3.35 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.85 | 92.6 | 2.00 | 3.76 | |
| Total Xylenes* | <0.150 | 0.150 | 08/24/2021 | ND | 5.66 | 94.3 | 6.00 | 3.38 | |
| Total BTEX | <0.300 | 0.300 | 08/24/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.4 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 08/24/2021 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 08/24/2021 | ND | 212 | 106 | 200 | 3.92 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/24/2021 | ND | 193 | 96.6 | 200 | 2.32 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/24/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 72.4 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 70.1 | % 38.9-14 | 22 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

APACHE CORP - HOBBS JEFFREY BROOM 2350 W. MARLAND BLVD. HOBBS NM, 88240 Fax To: (575) 393-24

Fax To: (575) 393-2432

 Received:
 08/23/2021
 Sampling Date:
 08/23/2021

 Reported:
 08/25/2021
 Sampling Type:
 Soil

Project Name: HAWK A - 17 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EUNICE, NM

Sample ID: B 17 @ 1' (H212250-17)

| BTEX 8021B | mg | /kg | Analyze | ed By: MS | | | | | |
|--------------------------------------|---------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.74 | 87.2 | 2.00 | 4.37 | |
| Toluene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.89 | 94.7 | 2.00 | 3.35 | |
| Ethylbenzene* | < 0.050 | 0.050 | 08/24/2021 | ND | 1.85 | 92.6 | 2.00 | 3.76 | |
| Total Xylenes* | <0.150 | 0.150 | 08/24/2021 | ND | 5.66 | 94.3 | 6.00 | 3.38 | |
| Total BTEX | <0.300 | 0.300 | 08/24/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.7 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyze | ed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 08/24/2021 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 08/24/2021 | ND | 209 | 104 | 200 | 0.788 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/24/2021 | ND | 220 | 110 | 200 | 0.628 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/24/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 75.3 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 73.5 | % 38.9-14 | 2 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

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

Received: 08/23/2021 Reported: 08/25/2021

Project Name: HAWK A - 17
Project Number: NONE GIVEN
Project Location: EUNICE, NM

Sampling Date: 08/23/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: W 1 BGS 0-1' (H212250-18)

| BTEX 8021B | mg, | 'kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.74 | 87.2 | 2.00 | 4.37 | |
| Toluene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.89 | 94.7 | 2.00 | 3.35 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.85 | 92.6 | 2.00 | 3.76 | |
| Total Xylenes* | <0.150 | 0.150 | 08/24/2021 | ND | 5.66 | 94.3 | 6.00 | 3.38 | |
| Total BTEX | <0.300 | 0.300 | 08/24/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.4 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg, | 'kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 08/24/2021 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg, | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 08/24/2021 | ND | 209 | 104 | 200 | 0.788 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/24/2021 | ND | 220 | 110 | 200 | 0.628 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/24/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 53.5 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 52.2 | % 38.9-14 | 2 | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Freene



Analytical Results For:

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

Received: 08/23/2021 Reported: 08/25/2021

Project Name: **HAWK A - 17** Project Number: NONE GIVEN Project Location: EUNICE, NM

Sampling Date: 08/23/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: W 2 BGS 0-1' (H212250-19)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.74 | 87.2 | 2.00 | 4.37 | |
| Toluene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.89 | 94.7 | 2.00 | 3.35 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.85 | 92.6 | 2.00 | 3.76 | |
| Total Xylenes* | <0.150 | 0.150 | 08/24/2021 | ND | 5.66 | 94.3 | 6.00 | 3.38 | |
| Total BTEX | <0.300 | 0.300 | 08/24/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.9 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 08/24/2021 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 08/24/2021 | ND | 209 | 104 | 200 | 0.788 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/24/2021 | ND | 220 | 110 | 200 | 0.628 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/24/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 67.0 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 65.0 | % 38.9-14 | 2 | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

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

Fax To: (575) 393-2432

Received: 08/23/2021 Reported: 08/25/2021

Project Name: **HAWK A - 17** Project Number: NONE GIVEN Project Location: EUNICE, NM

Sampling Date: 08/23/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: W 3 BGS 0-1' (H212250-20)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.74 | 87.2 | 2.00 | 4.37 | |
| Toluene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.89 | 94.7 | 2.00 | 3.35 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/24/2021 | ND | 1.85 | 92.6 | 2.00 | 3.76 | |
| Total Xylenes* | <0.150 | 0.150 | 08/24/2021 | ND | 5.66 | 94.3 | 6.00 | 3.38 | |
| Total BTEX | <0.300 | 0.300 | 08/24/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.6 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 08/24/2021 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 08/24/2021 | ND | 209 | 104 | 200 | 0.788 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/24/2021 | ND | 220 | 110 | 200 | 0.628 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/24/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 62.6 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 60.6 | % 38.9-14 | 2 | | | | | | |

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Analytical Results For:

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

Fax To: (575) 393-2432

Received: 08/23/2021 Reported: 08/25/2021

Project Name: HAWK A - 17
Project Number: NONE GIVEN
Project Location: EUNICE, NM

ma/ka

Sampling Date: 08/23/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: B 18 @ 4' (H212250-21)

RTFY 8021R

| Result <0.050 <0.050 | Reporting Limit 0.050 0.050 | Analyzed 08/24/2021 | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|----------------------|---|--|--------------|--------|------------|---------------|--------|-----------|
| <0.050 | | 08/24/2021 | ND | | | | | |
| | 0.050 | | טא | 1.74 | 87.2 | 2.00 | 4.37 | |
| | 0.050 | 08/24/2021 | ND | 1.89 | 94.7 | 2.00 | 3.35 | |
| < 0.050 | 0.050 | 08/24/2021 | ND | 1.85 | 92.6 | 2.00 | 3.76 | |
| <0.150 | 0.150 | 08/24/2021 | ND | 5.66 | 94.3 | 6.00 | 3.38 | |
| <0.300 | 0.300 | 08/24/2021 | ND | | | | | |
| 99.4 | % 69.9-14 | 0 | | | | | | |
| mg/ | /kg | Analyze | d By: AC | | | | | |
| Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| 656 | 16.0 | 08/24/2021 | ND | 416 | 104 | 400 | 3.77 | |
| mg/ | /kg | Analyze | d By: MS | | | | | |
| Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| <10.0 | 10.0 | 08/25/2021 | ND | 209 | 104 | 200 | 0.788 | |
| <10.0 | 10.0 | 08/25/2021 | ND | 220 | 110 | 200 | 0.628 | |
| <10.0 | 10.0 | 08/25/2021 | ND | | | | | |
| 125 9 | % 44.3-13 | 3 | | | | | | |
| 124 | % 38.9-14 | 2 | | | | | | |
| | <0.050 <0.150 <0.300 99.4 mg/ Result 656 mg/ Result <10.0 <10.0 125 9 | <0.050 0.050 <0.150 0.150 <0.300 0.300 99.4 % 69.9-140 mg/ky Result Reporting Limit 656 16.0 mg/ky Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 | <0.050 | <0.050 | <0.050 | <0.050 | <0.050 | <0.050 |

Analyzed By: MC

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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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Relinquished By:

Sampler - UPS - Bus - Other: Delivered By: (Circle One)

Corrected Temp. °C Observed Temp. °C

らず

Sample Condition Cool Intact

CHECKED BY: (Initials)

Turnaround Time:

Standard Rush

Bacteria (only) Sample Condition
Cool Intact Observed Temp. °C

Yes Yes
No Corrected Temp. °C

REMARKS:

Thermometer ID #113
Correction Factor None

Time: Date:

Received By

Relinquished By:

Date: 6/ 23
Time: 4:45

Received By

All Results are emailed. Please provide Email address:

ON O

Add'l Phone #:

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NM 88240

| Company Name: | | BILL TO | 0 | | | ANALYSIS REQUEST | |
|---------------------------------|--|--------------------|-----------------------------|-------|----|---|---|
| Project Manager: | | P.O. #: | | | | | |
| Address: | | Company: | | | | | _ |
| bbs | State: N.M. Zip: SSQ/O | Attn: | | | | | - |
| Phone #: Fax #: | | Address: | | | | | |
| Project #: Project Owner: | .a | City: | | | | | |
| Project Name: | | State: Zip: | | | | | |
| Project Location: Hand A D - 17 | | Phone #: | | | | | |
| 0 | | Fax #: | , | | : | 1 | × |
| | MATRIX | PRESERV. | SAMPLING | ۸ | _ | | |
| Lab I.D. Sample I.D. | OR (C)OMF TAINERS NDWATER WATER | ASE: OOL | | T T0) | | | |
| H213380 | # CON | OTHER ACID/E OTHER | DATE TIME | CL | BT | | |
| [B] @1' | C - × | X 8 23 | | X | X | | |
| 282 % | C - X | x 8 23 | 23 9:38 | × | X | | |
| | C - × | x 8123 | | X | X | | |
| 48401 | > \ \ | × 8123 | 23 4:42 | × | × | | |
| | × | | | × | × | | |
| 6200 | C | | 33 9:46 | × | × | | |
| 78701 | × | × \$/23 | 84:6 82 | × | × | | |
| 888 | C - × | × 8/23 | 23 9150 | × | X | | |
| 3 39 60 | C 1 × | × 8/23 | 23 9:52 | × | × | | |
| 1 6 1 | X | × 8/23 | 10 R/AQ/ C 11 X X 8/23 4:54 | X | × | | |

Sampler - UPS - Bus - Other:

Corrected Temp. °C

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

| (3/3) 333-2320 (| 77 (010) 000 2710 | | |
|--|---|--|---|
| company Name: | | BILL TO | ANALTOID REGUEST |
| roject Manager: Pf Brown | | P.O. #: | |
| ddress: | | Company: | |
| ity: Hobbs | State: NW Zip: 88240 | Attn: | |
| hone #: | Fax #: | Address: | |
| roject #: | Project Owner: | City: | |
| roject Name: | | State: Zip: | |
| Project Location: However VA - | בֿל | Phone #: | |
| 0 | | Fax #: | |
| EODIABLISE ONLY | (C) CA (C) I MATRIX | PRESERV. SAMPLING | LING |
| | RS TER | | PH |
| Lab I.D. Sample I.D. | RAB OR (III) DINTAINE DUNDWA STEWATE | HER: D/BASE: COOL HER: | L XY T TEX |
| 421230 · | # C GR WA SO OIL | OT AC OT DATE | 0 |
| | × × | | < > |
| 12 813 01 | × + 1 | | - |
| 1513@1 | × × | | × > |
| 14 814 1 | C - | | × ' |
| \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ | × | 8/8/ | < |
| 10 CI 0 CI | (X | | |
| 18 w1 Bes 0-1 | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | | 10:10 × × × |
| · 19 wa 865 0-1' | C - x | | 10: 60 × × |
| 2 W3 850-1 | 20 W 3 855 O-1 873 10:14 | act or tort, shall be limited to the amount pak | by the client for the |
| nalyses. All claims including those for negligence and any oth service. In no event shall Cardinal be liable for incidental or cor | TEASE TO IE. Louing this control of the policy of the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal writin 30 days after completion of the applicable nailyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal writin 30 days after completion of the applicable naily state. The applicable naily state of | and received by Cardinal within 30 days after s, loss of use, or loss of profits incurred by cl | completion of the applicable lent, its authorities of the applicable lent, its subsidiaries, sons or otherwise. |
| rifilates or successors arising out of or related to the performat Relinquished By: | Date: Received By: | 01111 | Verbal Result: ☐ Yes ☐ No Add'I Phone #: All Results are emailed. Please provide Email address: |
| an Dundi da | 1 | 2 Willast WC | REMARKS: |
| Relinquished By: | Date: Received By: | | KEMAKNO: |
| Delivered By: (Circle One) | | CH | Turnaround Time: Standard Bacteria (only) Sample Condition Cool Intact Observed Temp. °C |
| | - | (Initials) | Cool intact |

Corrected Temp. °C

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NM 88240

| (575) 393-2326 FAX (575) 393-2476 | 93-2476 | | | | |
|--|--|--|--|--|-----|
| ompany Name: Porce De | | BILL TO | | ANALYSIS REQUEST | 1 |
| roject Manager: | | P.O. #: | | | |
| 001 | | Company: | | | |
| 0665 | State: NW Zip: 88840 | Attn: | | | + |
| | | Address: | | | - 1 |
| Project #: Project Owner: | | City: | | • | |
| ame: | | State: Zip: | | | |
| on: | | Phone #: | | | |
| Sampler Name: A Charles | | Fax #: | | | 11 |
| FOR LAB USE ONLY | MATRIX | PRESERV. SAMPLING | LING | | |
| Lab I.D. Sample I.D. | G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE | OTHER: ACID/BASE: OTHER: OTHER: | C/ Ext TPH BTEX | | |
| 8/ B/8 @4 | - .: | -(| 2:56 × × | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| LEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the mayses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable to no country that Cardinal he liabile for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, | medy for any claim arising whether based in contract er shall be deemed waived unless made in writing and s, including without limitation, business interruptions, I | or tort, shall be limited to the amount paid I received by Cardinal within 30 days after ôss of use, or loss of profits incurfed by cl | by the client for the completion of the applicable ient, its subsidiaries, | | |
| Ifficition or successors of sing out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based lipt any of the above salest reasons of owner. Patient Patient | under by Cardinal, regardless of whether such claim. Received By: | s based tipo a any of the above stated rea | Verbal Result: ☐ Yes ☐ No | Add'l Phone #: | |
| Relinquished By: | 100 | Malely | emai | ide Email address: | |
| | 1/2 | on CHECKED BY: | Turnaround Time: Standard | ly) s | |
| | 6.7 | | Thermometer ID #113 | Cool Intact Observed Temp. °C ☐ Yes ☐ Yes | |
| Sampler - UPS - Bus - Other: Corrected lemp. C | mp. C | 4.°. | Correction Factor None | ☐ Nc ☐ No Corrected Temp. °C | |



August 31, 2021

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: HAWK A - 17

Enclosed are the results of analyses for samples received by the laboratory on 08/30/21 16:55.

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 accreditated through the State of Colorado Department of Public Health and Environment for:

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Fax To: (575) 393-2432

Received: 08/30/2021 Reported: 08/31/2021

Project Name: HAWK A - 17
Project Number: NONE GIVEN
Project Location: EUNICE, NM

Sampling Date: 08/30/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: B 2 @ 1' (H212348-01)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 08/31/2021 | ND | 1.80 | 90.0 | 2.00 | 3.51 | |
| Toluene* | <0.050 | 0.050 | 08/31/2021 | ND | 1.97 | 98.4 | 2.00 | 2.78 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/31/2021 | ND | 1.90 | 95.2 | 2.00 | 3.27 | |
| Total Xylenes* | <0.150 | 0.150 | 08/31/2021 | ND | 5.73 | 95.5 | 6.00 | 3.12 | |
| Total BTEX | <0.300 | 0.300 | 08/31/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 100 | % 69.9-14 | 0 | | | | | | |
| TPH 8015M | mg, | /kg | Analyze | d By: CK | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 08/31/2021 | ND | 225 | 112 | 200 | 7.28 | |
| DRO >C10-C28* | 29.0 | 10.0 | 08/31/2021 | ND | 217 | 108 | 200 | 4.28 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/31/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 82.4 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 80.9 | % 38.9-14 | 2 | | | | | | |

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Celey & Keene



Analytical Results For:

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

Fax To: (575) 393-2432

Received: 08/30/2021 Reported: 08/31/2021

Project Name: HAWK A - 17
Project Number: NONE GIVEN
Project Location: EUNICE, NM

Sampling Date: 08/30/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: B 5 @ 1' (H212348-02)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 08/31/2021 | ND | 1.80 | 90.0 | 2.00 | 3.51 | |
| Toluene* | <0.050 | 0.050 | 08/31/2021 | ND | 1.97 | 98.4 | 2.00 | 2.78 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/31/2021 | ND | 1.90 | 95.2 | 2.00 | 3.27 | |
| Total Xylenes* | <0.150 | 0.150 | 08/31/2021 | ND | 5.73 | 95.5 | 6.00 | 3.12 | |
| Total BTEX | <0.300 | 0.300 | 08/31/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.9 | % 69.9-14 | 0 | | | | | | |
| TPH 8015M | mg/ | kg | Analyze | d By: CK | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 08/31/2021 | ND | 225 | 112 | 200 | 7.28 | |
| DRO >C10-C28* | 76.7 | 10.0 | 08/31/2021 | ND | 217 | 108 | 200 | 4.28 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/31/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 76.7 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 76.0 | % 38.9-14 | 2 | | | | | | |

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Celey D. Keene



Analytical Results For:

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

Fax To: (575) 393-2432

 Received:
 08/30/2021
 Sampling Date:
 08/30/2021

 Reported:
 08/31/2021
 Sampling Type:
 Soil

Project Name: HAWK A - 17 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: EUNICE, NM

Sample ID: B 7 @ 1' (H212348-03)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 08/31/2021 | ND | 1.80 | 90.0 | 2.00 | 3.51 | |
| Toluene* | <0.050 | 0.050 | 08/31/2021 | ND | 1.97 | 98.4 | 2.00 | 2.78 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/31/2021 | ND | 1.90 | 95.2 | 2.00 | 3.27 | |
| Total Xylenes* | <0.150 | 0.150 | 08/31/2021 | ND | 5.73 | 95.5 | 6.00 | 3.12 | |
| Total BTEX | <0.300 | 0.300 | 08/31/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 100 9 | % 69.9-14 | 0 | | | | | | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: CK | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 08/31/2021 | ND | 225 | 112 | 200 | 7.28 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/31/2021 | ND | 217 | 108 | 200 | 4.28 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/31/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 66.6 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 63.9 | % 38.9-14 | 2 | | | | | | |

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Analytical Results For:

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

ereived: 08/30/2021

 Received:
 08/30/2021
 Sampling Date:
 08/30/2021

 Reported:
 08/31/2021
 Sampling Type:
 Soil

Project Name: HAWK A - 17 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson
Project Location: EUNICE, NM

Sample ID: B 8 @ 1' (H212348-04)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | |
|--------------------------------------|---------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifie |
| Benzene* | <0.050 | 0.050 | 08/31/2021 | ND | 1.80 | 90.0 | 2.00 | 3.51 | |
| Toluene* | < 0.050 | 0.050 | 08/31/2021 | ND | 1.97 | 98.4 | 2.00 | 2.78 | |
| Ethylbenzene* | < 0.050 | 0.050 | 08/31/2021 | ND | 1.90 | 95.2 | 2.00 | 3.27 | |
| Total Xylenes* | <0.150 | 0.150 | 08/31/2021 | ND | 5.73 | 95.5 | 6.00 | 3.12 | |
| Total BTEX | <0.300 | 0.300 | 08/31/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.9 9 | % 69.9-14 | 0 | | | | | | |
| TPH 8015M | mg/ | kg | Analyze | d By: CK | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 08/31/2021 | ND | 225 | 112 | 200 | 7.28 | |
| DRO >C10-C28* | 20.1 | 10.0 | 08/31/2021 | ND | 217 | 108 | 200 | 4.28 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/31/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 69.0 9 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 67.1 9 | % 38.9-14 | 2 | | | | | | |

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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: 08/30/2021 Reported: 08/31/2021

Project Name: HAWK A - 17
Project Number: NONE GIVEN
Project Location: EUNICE, NM

Sampling Date: 08/30/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: B 14 @ 1' (H212348-05)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | |
|--------------------------------------|---------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 08/31/2021 | ND | 1.80 | 90.0 | 2.00 | 3.51 | |
| Toluene* | < 0.050 | 0.050 | 08/31/2021 | ND | 1.97 | 98.4 | 2.00 | 2.78 | |
| Ethylbenzene* | < 0.050 | 0.050 | 08/31/2021 | ND | 1.90 | 95.2 | 2.00 | 3.27 | |
| Total Xylenes* | <0.150 | 0.150 | 08/31/2021 | ND | 5.73 | 95.5 | 6.00 | 3.12 | |
| Total BTEX | <0.300 | 0.300 | 08/31/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 100 % | 69.9-14 | 0 | | | | | | |
| TPH 8015M | mg/ | kg | Analyze | d By: CK | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 08/31/2021 | ND | 225 | 112 | 200 | 7.28 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/31/2021 | ND | 217 | 108 | 200 | 4.28 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/31/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 80.4 9 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 80.3 9 | % 38.9-14 | 2 | | | | | | |

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Celey & Keene



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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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



| (575) 393-23 | 575) 393-2326 FAX (575) 393-2476 | | | | |
|--|---|--|--|----------------------------|-------|
| Company Name: | } | BILL TO | | ANALYSIS REQUEST | |
| roject Manager: 2 | S L N E. | P.O. #: | ×1 | | |
| | | Company: | | 2. 2. 2. 2. 3. 3. | |
| City: Hobbas | State: 11 Zip: 88240 | Attn: | | | |
| Phone #: | Fax #: | Address: | | | |
| Project #: | Project Owner: | City: | | | |
| Project Name: | Y | State: Zip: | | | |
| Project Location: House | A-17 | Phone #: | * | | |
| 1 | O As | Fax #: | | | |
| Sampler Name: | MATRIX | L | LING | | |
| FOR LAB USE ONLY | | | | | |
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| PLEASE NOTE: Liability and Damages. Cardinal's lianalyses. All claims including those for negligence are analyses. All claims including those habe liable for incide | PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable | ntract or tort, shall be limited to the amount paing and received by Cardinal within 30 days after thons, loss of use, or loss of profits incurred by one of the control of | id by the client for the er completion of the applicable client; its subsidiaries, | | : |
| affiliates or successors erising out of cr related to the performance | performance of services hereunder by Cardinal, regardless of whether such claim is bened upon any of the above stated | claim is based upon any of the above stated re | Verbal Result: | Add'l Phone #: | |
| Relinquished By: | Date: Received By: | Cuson | emailed. Ple | vide Email address: | |
| Relinquished By: | Date: Negceived By: | | REMARKS: | | |
| - (Cisco Ope) | Observed Temp °C 4 7 Sample Condition | ndition CHECKED BY: | Turnaround Time: Standard | Bacteria (only) S | in or |
| Delivered By: (Circle One) | 1 | | 13 | \Z | ာ ဂိ |
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September 02, 2021

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: HAWK A - 17

Enclosed are the results of analyses for samples received by the laboratory on 09/01/21 11:35.

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/ga/lab_accred_certif.html.

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

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

Celey D. Keine

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,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 09/01/2021 Reported: 09/02/2021

Project Name: HAWK A - 17
Project Number: NONE GIVEN
Project Location: EUNICE, NM

Sampling Date: 09/01/2021

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: E WALL BGS 1-4' (H212368-01)

DTEV 0021D

| BTEX 8021B | mg | /kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 09/01/2021 | ND | 1.87 | 93.7 | 2.00 | 6.88 | |
| Toluene* | <0.050 | 0.050 | 09/01/2021 | ND | 2.04 | 102 | 2.00 | 6.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/01/2021 | ND | 2.01 | 101 | 2.00 | 6.78 | |
| Total Xylenes* | <0.150 | 0.150 | 09/01/2021 | ND | 6.07 | 101 | 6.00 | 6.88 | |
| Total BTEX | <0.300 | 0.300 | 09/01/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 3320 | 16.0 | 09/01/2021 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg | /kg | Analyze | d By: CK | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 09/02/2021 | ND | 197 | 98.5 | 200 | 2.24 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/02/2021 | ND | 213 | 107 | 200 | 2.75 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/02/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 80.6 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 70.5 | % 38.9-14 | 2 | | | | | | |

Applymed By MC

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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: 09/01/2021 Reported: 09/02/2021

Project Name: **HAWK A - 17** Project Number: NONE GIVEN Project Location: EUNICE, NM

Sampling Date: 09/01/2021

Sampling Type: Soil

Sampling Condition: ** (See Notes) Sample Received By: Tamara Oldaker

Sample ID: B 21 @ 2' (H212368-02)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | |
|--------------------------------------|---------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 09/01/2021 | ND | 1.87 | 93.7 | 2.00 | 6.88 | |
| Toluene* | < 0.050 | 0.050 | 09/01/2021 | ND | 2.04 | 102 | 2.00 | 6.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/01/2021 | ND | 2.01 | 101 | 2.00 | 6.78 | |
| Total Xylenes* | <0.150 | 0.150 | 09/01/2021 | ND | 6.07 | 101 | 6.00 | 6.88 | |
| Total BTEX | <0.300 | 0.300 | 09/01/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.5 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 3920 | 16.0 | 09/01/2021 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg/ | kg | Analyze | d By: CK | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 09/02/2021 | ND | 197 | 98.5 | 200 | 2.24 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/02/2021 | ND | 213 | 107 | 200 | 2.75 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/02/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 77.9 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 67.7 | % 38.9-14 | 2 | | | | | | |

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09/01/2021

Soil

Analytical Results For:

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

Fax To: (575) 393-2432

Sampling Date:

Received: 09/01/2021 Reported: 09/02/2021

Sampling Type: Project Name: **HAWK A - 17** Sampling Condition: ** (See Notes) Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EUNICE, NM

Sample ID: W 4 @ SURFACE (H212368-03)

| BTEX 8021B | mg | /kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 09/01/2021 | ND | 1.87 | 93.7 | 2.00 | 6.88 | |
| Toluene* | <0.050 | 0.050 | 09/01/2021 | ND | 2.04 | 102 | 2.00 | 6.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/01/2021 | ND | 2.01 | 101 | 2.00 | 6.78 | |
| Total Xylenes* | <0.150 | 0.150 | 09/01/2021 | ND | 6.07 | 101 | 6.00 | 6.88 | |
| Total BTEX | <0.300 | 0.300 | 09/01/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 4640 | 16.0 | 09/01/2021 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg, | /kg | Analyze | d By: CK | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 09/02/2021 | ND | 197 | 98.5 | 200 | 2.24 | |
| DRO >C10-C28* | 26.2 | 10.0 | 09/02/2021 | ND | 213 | 107 | 200 | 2.75 | |
| EXT DRO >C28-C36 | 13.7 | 10.0 | 09/02/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 82.4 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 71.6 | % 38.9-14 | 12 | | | | | | |

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Celeg D. Keene



Analytical Results For:

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

Received: 09/01/2021 Sampling Date: 09/01/2021 Reported: 09/02/2021 Sampling Type: Soil

Project Name: **HAWK A - 17** Sampling Condition: ** (See Notes) Sample Received By: Tamara Oldaker Project Number: NONE GIVEN

Project Location: EUNICE, NM

Sample ID: B 22 @ SURFACE (H212368-04)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 09/01/2021 | ND | 1.87 | 93.7 | 2.00 | 6.88 | |
| Toluene* | <0.050 | 0.050 | 09/01/2021 | ND | 2.04 | 102 | 2.00 | 6.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/01/2021 | ND | 2.01 | 101 | 2.00 | 6.78 | |
| Total Xylenes* | <0.150 | 0.150 | 09/01/2021 | ND | 6.07 | 101 | 6.00 | 6.88 | |
| Total BTEX | <0.300 | 0.300 | 09/01/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 100 9 | 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg/ | kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1820 | 16.0 | 09/01/2021 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg/ | kg | Analyze | d By: CK | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 09/02/2021 | ND | 197 | 98.5 | 200 | 2.24 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/02/2021 | ND | 213 | 107 | 200 | 2.75 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/02/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 82.7 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 72.4 | % 38.9-14 | 2 | | | | | | |

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Celey D. Keine



Analytical Results For:

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

Received: 09/01/2021 Reported: 09/02/2021

Project Name: HAWK A - 17
Project Number: NONE GIVEN
Project Location: EUNICE, NM

Sampling Date: 09/01/2021

Sampling Type: Soil
Sampling Condition: ** (See Notes)

Sample Received By: Tamara Oldaker

Sample ID: B 23 @ SURFACE (H212368-05)

| BTEX 8021B | mg, | /kg | Analyze | ed By: MS | | | | | |
|--------------------------------------|---------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 09/01/2021 | ND | 1.87 | 93.7 | 2.00 | 6.88 | |
| Toluene* | <0.050 | 0.050 | 09/01/2021 | ND | 2.04 | 102 | 2.00 | 6.45 | |
| Ethylbenzene* | < 0.050 | 0.050 | 09/01/2021 | ND | 2.01 | 101 | 2.00 | 6.78 | |
| Total Xylenes* | <0.150 | 0.150 | 09/01/2021 | ND | 6.07 | 101 | 6.00 | 6.88 | |
| Total BTEX | <0.300 | 0.300 | 09/01/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 100 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | ed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 3480 | 16.0 | 09/01/2021 | ND | 416 | 104 | 400 | 3.77 | QM-07 |
| TPH 8015M | mg, | /kg | Analyze | ed By: CK | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 09/02/2021 | ND | 197 | 98.5 | 200 | 2.24 | |
| DRO >C10-C28* | 83.1 | 10.0 | 09/02/2021 | ND | 213 | 107 | 200 | 2.75 | |
| EXT DRO >C28-C36 | 56.2 | 10.0 | 09/02/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 76.4 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 69.8 | % 38.9-14 | 2 | | | | | | |
| | | | | | | | | | |

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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: 09/01/2021 Reported: 09/02/2021

Project Name: **HAWK A - 17** Project Number: NONE GIVEN Project Location: EUNICE, NM

Sampling Date: 09/01/2021

Sampling Type: Soil

Sampling Condition: ** (See Notes) Sample Received By: Tamara Oldaker

Sample ID: B 24 @ SURFACE (H212368-06)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 09/01/2021 | ND | 1.87 | 93.7 | 2.00 | 6.88 | |
| Toluene* | <0.050 | 0.050 | 09/01/2021 | ND | 2.04 | 102 | 2.00 | 6.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/01/2021 | ND | 2.01 | 101 | 2.00 | 6.78 | |
| Total Xylenes* | <0.150 | 0.150 | 09/01/2021 | ND | 6.07 | 101 | 6.00 | 6.88 | |
| Total BTEX | <0.300 | 0.300 | 09/01/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.4 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | 'kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1440 | 16.0 | 09/01/2021 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: CK | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 09/02/2021 | ND | 197 | 98.5 | 200 | 2.24 | |
| DRO >C10-C28* | 120 | 10.0 | 09/02/2021 | ND | 213 | 107 | 200 | 2.75 | |
| EXT DRO >C28-C36 | 129 | 10.0 | 09/02/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 84.9 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 74.5 | % 38.9-14 | 2 | | | | | | |

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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:
 09/01/2021
 Sampling Date:
 09/01/2021

 Reported:
 09/02/2021
 Sampling Type:
 Soil

Project Name: HAWK A - 17 Sampling Condition: ** (See Notes)
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EUNICE, NM

Sample ID: E WALL BGS 0-2' (H212368-07)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 09/01/2021 | ND | 1.87 | 93.7 | 2.00 | 6.88 | |
| Toluene* | <0.050 | 0.050 | 09/01/2021 | ND | 2.04 | 102 | 2.00 | 6.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/01/2021 | ND | 2.01 | 101 | 2.00 | 6.78 | |
| Total Xylenes* | <0.150 | 0.150 | 09/01/2021 | ND | 6.07 | 101 | 6.00 | 6.88 | |
| Total BTEX | <0.300 | 0.300 | 09/01/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 69.9-14 | 10 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 2600 | 16.0 | 09/01/2021 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg, | /kg | Analyze | d By: CK | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 09/02/2021 | ND | 197 | 98.5 | 200 | 2.24 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/02/2021 | ND | 213 | 107 | 200 | 2.75 | |
| EXT DRO >C28-C36 | 10.1 | 10.0 | 09/02/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 61.9 | % 44.3-13 | 33 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 53.2 | % 38.9-14 | 12 | | | | | | |

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Celey D. Keene



Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

| Company Name: | | BILL TO | | AN | ANALYSIS REQ | REQUEST |
|---|--|--|---|----------------|----------------|---|
| Project Manager: Round & M. Brown. | | - 1 | | | - 1 | |
| | | Company: | | | 4 | |
| City: Habos State: NIN | At (MCSS:qiz /) 1 | Attn: | | + | | |
| Fax #: | | Address: | | | | |
| Project #: Project Owner: | | City: | 37. | | | |
| Project Name: | St | State: Zip: | | | | |
| Project Location: How 17 | Pt | Phone #: | | | | |
| () so | Fa | Fax #: | * | | | |
| FOR LAB USE ONLY | MATRIX | PRESERV. SAM | SAMPLING | * | 2 | |
| | RS | | TPH | | | |
| Lab I.D. Sample I.D. | RAB OR (ONTAINE OUNDWA STEWAT L JDGE HER: | D/BASE: / COOL HER : | xt- | TEX | • | |
| 100100 100 100 100 100 100 100 100 100 | G W - Si | _ (C | Didd X X | × 1 | | |
| 2 | C | 1 9 1 | 10:48 × × | × ; | y. | |
| 3 wy Swhere | C | 1.911 | × | ~ | | |
| 4 Basasakee | C | - 911 | 10:00 × X | 8 | | |
| 5 Bas osubon | CI | 1 9 11 | 10:SD X X | X | | |
| 4 Bay ositive | CII | 116 | 10:54 X X | X | | |
| 7 Ewell Bis O-2' | C | - 911 | 10:50 X X | X | | |
| | | | | | | |
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| | Date: Received By: Verbal Res | 011 . | Verbal Result: ☐ Yes | □ No Ad | Add'l Phone #: | |
| Refinquished By: Date: | Received By: | Makedon | All Results are emailed. Please provide Email address: | Please provide | Email address: | |
| Time: | | | | | | |
| Delivered By: (Circle One) Observed Temp. °C Sampler - UPS - Bus - Other: Corrected Temp. °C | Sample Condition Cool Intact Yes Tes | CHECKED BY: (Initials) | Turnaround Time: S Thermometer ID #113 | Standard Rush | | Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes Yes |
| | No. | 70 | Correction Factor None | | I NO I NO | Corrected Tomp of |



September 03, 2021

JEFFREY BROOM

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: HAWK A - 17

Enclosed are the results of analyses for samples received by the laboratory on 09/02/21 17:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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

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

Celey D. Keine

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,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Fax To: (575) 393-2432

 Received:
 09/02/2021
 Sampling Date:
 09/02/2021

 Reported:
 09/03/2021
 Sampling Type:
 Soil

Project Name: HAWK A - 17 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

A ... - L ... - - - I D. .. MC

Project Location: EUNICE, NM

Sample ID: EW #2 @ 4' (H212408-01)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 09/03/2021 | ND | 1.88 | 94.2 | 2.00 | 5.70 | |
| Toluene* | <0.050 | 0.050 | 09/03/2021 | ND | 2.07 | 103 | 2.00 | 6.55 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/03/2021 | ND | 2.02 | 101 | 2.00 | 5.94 | |
| Total Xylenes* | <0.150 | 0.150 | 09/03/2021 | ND | 6.12 | 102 | 6.00 | 5.70 | |
| Total BTEX | <0.300 | 0.300 | 09/03/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 2600 | 16.0 | 09/03/2021 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg, | /kg | Analyze | d By: CK | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 09/03/2021 | ND | 222 | 111 | 200 | 2.31 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/03/2021 | ND | 215 | 107 | 200 | 2.23 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/03/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 88.7 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 84.4 | % 38.9-14 | 2 | | | | | | |

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Analytical Results For:

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

Received: 09/02/2021 Reported: 09/03/2021

Project Name: HAWK A - 17
Project Number: NONE GIVEN
Project Location: EUNICE, NM

Sampling Date: 09/02/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: WW #1 @ 4' (H212408-02)

| BTEX 8021B | mg | /kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 09/03/2021 | ND | 1.88 | 94.2 | 2.00 | 5.70 | |
| Toluene* | <0.050 | 0.050 | 09/03/2021 | ND | 2.07 | 103 | 2.00 | 6.55 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/03/2021 | ND | 2.02 | 101 | 2.00 | 5.94 | |
| Total Xylenes* | <0.150 | 0.150 | 09/03/2021 | ND | 6.12 | 102 | 6.00 | 5.70 | |
| Total BTEX | <0.300 | 0.300 | 09/03/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.5 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 192 | 16.0 | 09/03/2021 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg, | /kg | Analyze | d By: CK | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 09/03/2021 | ND | 222 | 111 | 200 | 2.31 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/03/2021 | ND | 215 | 107 | 200 | 2.23 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/03/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 86.1 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 81.4 | % 38.9-14 | 22 | | | | | | |
| | | | | | | | | | |

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Celey D. Keine



Analytical Results For:

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

Fax To: (575) 393-2432

Received: 09/02/2021 Reported: 09/03/2021

Project Name: **HAWK A - 17** Project Number: NONE GIVEN Project Location: EUNICE, NM

Sampling Date: 09/02/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: NW @ 4' (H212408-03)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | |
|--------------------------------------|---------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | < 0.050 | 0.050 | 09/03/2021 | ND | 1.88 | 94.2 | 2.00 | 5.70 | |
| Toluene* | <0.050 | 0.050 | 09/03/2021 | ND | 2.07 | 103 | 2.00 | 6.55 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/03/2021 | ND | 2.02 | 101 | 2.00 | 5.94 | |
| Total Xylenes* | <0.150 | 0.150 | 09/03/2021 | ND | 6.12 | 102 | 6.00 | 5.70 | |
| Total BTEX | <0.300 | 0.300 | 09/03/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.3 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 208 | 16.0 | 09/03/2021 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg/ | kg | Analyze | d By: CK | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 09/03/2021 | ND | 222 | 111 | 200 | 2.31 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/03/2021 | ND | 215 | 107 | 200 | 2.23 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/03/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 86.6 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 81.2 9 | % 38.9-14 | 2 | | | | | | |

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Analytical Results For:

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

Received: 09/02/2021 Sampling Date: 09/02/2021 Reported: 09/03/2021 Sampling Type: Soil

Project Name: **HAWK A - 17** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Jodi Henson

Project Location: EUNICE, NM

Sample ID: WW #2 @ 4' (H212408-04)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 09/03/2021 | ND | 1.88 | 94.2 | 2.00 | 5.70 | |
| Toluene* | <0.050 | 0.050 | 09/03/2021 | ND | 2.07 | 103 | 2.00 | 6.55 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/03/2021 | ND | 2.02 | 101 | 2.00 | 5.94 | |
| Total Xylenes* | <0.150 | 0.150 | 09/03/2021 | ND | 6.12 | 102 | 6.00 | 5.70 | |
| Total BTEX | <0.300 | 0.300 | 09/03/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 100 9 | 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg/ | kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 672 | 16.0 | 09/03/2021 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg/ | kg | Analyze | d By: CK | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 09/03/2021 | ND | 222 | 111 | 200 | 2.31 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/03/2021 | ND | 215 | 107 | 200 | 2.23 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/03/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 77.9 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 73.3 | % 38.9-14 | 2 | | | | | | |

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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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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| 101 East Marland, Hobbs, NM 8824 (575) 393-2326 FAX (575) 393-247 | CAF |
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| 01 East Marland, Hobbs, NM 8824 (575) 393-2326 FAX (575) 393-247 | RDIN |
| Hobbs, FAX (575 | to |
| NM 882 | AL ries |

| | | om | absnm.c | ardinalla | ene@c | eley.ke | nges to | Common accent verbal changes. Please email changes to celey keene@cardinallabsnm.com | Please | hanges | t verhal o | 10000 | | | - | OKW-000 K 3.1 00/04/20 | 1-000 K 3 | |
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| ာ ၉ <u>၂</u> ၁ ဂိ | Sample Condition Observed Temp. °C | Bacteria (only) Sample Condition Cool Intact Observed Temp. Yes Yes Yes | | Standard Rush | 3 . ∣ | nd Time | Turnaround Time: | (ED BY: | CHECK | dition | Sample Condition | 1 | Ç, | Observed Temp. °C 5,0 | Obs | One) | y: (Circle | Delivered By: (Circle One) |
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September 07, 2021

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: HAWK A - 17

Enclosed are the results of analyses for samples received by the laboratory on 09/03/21 12:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Celey D. Keine

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,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 09/03/2021 Reported: 09/07/2021

Project Name: **HAWK A - 17** Project Number: NONE GIVEN Project Location: EUNICE, NM

Sampling Date: 09/03/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: B 18 @ 4' (H212417-01)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 09/03/2021 | ND | 1.98 | 99.2 | 2.00 | 9.62 | |
| Toluene* | <0.050 | 0.050 | 09/03/2021 | ND | 2.00 | 100 | 2.00 | 9.33 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/03/2021 | ND | 2.00 | 100 | 2.00 | 6.56 | |
| Total Xylenes* | <0.150 | 0.150 | 09/03/2021 | ND | 6.15 | 103 | 6.00 | 6.87 | |
| Total BTEX | <0.300 | 0.300 | 09/03/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.9 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 784 | 16.0 | 09/07/2021 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg, | /kg | Analyze | d By: CK | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 09/03/2021 | ND | 214 | 107 | 200 | 0.547 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/03/2021 | ND | 211 | 106 | 200 | 0.939 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/03/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 77.3 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 72.8 | % 38.9-14 | 2 | | | | | | |

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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:
 09/03/2021
 Sampling Date:
 09/03/2021

 Reported:
 09/07/2021
 Sampling Type:
 Soil

Project Name: HAWK A - 17 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EUNICE, NM

Sample ID: B 19 @ 4' (H212417-02)

| BTEX 8021B | mg | /kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 09/03/2021 | ND | 1.98 | 99.2 | 2.00 | 9.62 | |
| Toluene* | <0.050 | 0.050 | 09/03/2021 | ND | 2.00 | 100 | 2.00 | 9.33 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/03/2021 | ND | 2.00 | 100 | 2.00 | 6.56 | |
| Total Xylenes* | <0.150 | 0.150 | 09/03/2021 | ND | 6.15 | 103 | 6.00 | 6.87 | |
| Total BTEX | <0.300 | 0.300 | 09/03/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | ed By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 656 | 16.0 | 09/07/2021 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | ed By: CK | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 09/03/2021 | ND | 214 | 107 | 200 | 0.547 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/03/2021 | ND | 211 | 106 | 200 | 0.939 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/03/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 75.9 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 71.3 | % 38.9-14 | 12 | | | | | | |
| | | | | | | | | | |

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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: 09/03/2021 Reported: 09/07/2021

Project Name: HAWK A - 17
Project Number: NONE GIVEN
Project Location: EUNICE, NM

Sampling Date: 09/03/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: B 20 @ 4' (H212417-03)

| 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 | 09/03/2021 | ND | 1.98 | 99.2 | 2.00 | 9.62 | |
| Toluene* | <0.050 | 0.050 | 09/03/2021 | ND | 2.00 | 100 | 2.00 | 9.33 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/03/2021 | ND | 2.00 | 100 | 2.00 | 6.56 | |
| Total Xylenes* | <0.150 | 0.150 | 09/03/2021 | ND | 6.15 | 103 | 6.00 | 6.87 | |
| Total BTEX | <0.300 | 0.300 | 09/03/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | Analyzed By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1100 | 16.0 | 09/07/2021 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyzed By: CK | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 09/03/2021 | ND | 214 | 107 | 200 | 0.547 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/03/2021 | ND | 211 | 106 | 200 | 0.939 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/03/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 72.8 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 67.6 | % 38.9-14 | 2 | | | | | | |
| | | | | | | | | | |

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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: 09/03/2021 Reported: 09/07/2021

Project Name: **HAWK A - 17** Project Number: NONE GIVEN Project Location: EUNICE, NM

Sampling Date: 09/03/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: B 25 @ 4' (H212417-04)

| 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 | 09/03/2021 | ND | 1.98 | 99.2 | 2.00 | 9.62 | |
| Toluene* | <0.050 | 0.050 | 09/03/2021 | ND | 2.00 | 100 | 2.00 | 9.33 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/03/2021 | ND | 2.00 | 100 | 2.00 | 6.56 | |
| Total Xylenes* | <0.150 | 0.150 | 09/03/2021 | ND | 6.15 | 103 | 6.00 | 6.87 | |
| Total BTEX | <0.300 | 0.300 | 09/03/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 9 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyzed By: GM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 2120 | 16.0 | 09/07/2021 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | /kg | Analyzed By: CK | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 09/03/2021 | ND | 214 | 107 | 200 | 0.547 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/03/2021 | ND | 211 | 106 | 200 | 0.939 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/03/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 74.8 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 70.0 | % 38.9-14 | 2 | | | | | | |

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Celeg D. Freene



Analytical Results For:

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

Received: 09/03/2021 Reported: 09/07/2021

Project Name: HAWK A - 17
Project Number: NONE GIVEN
Project Location: EUNICE, NM

Sampling Date: 09/03/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: B 26 @ 4' (H212417-05)

| 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 | 09/03/2021 | ND | 1.98 | 99.2 | 2.00 | 9.62 | |
| Toluene* | <0.050 | 0.050 | 09/03/2021 | ND | 2.00 | 100 | 2.00 | 9.33 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/03/2021 | ND | 2.00 | 100 | 2.00 | 6.56 | |
| Total Xylenes* | <0.150 | 0.150 | 09/03/2021 | ND | 6.15 | 103 | 6.00 | 6.87 | |
| Total BTEX | <0.300 | 0.300 | 09/03/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 106 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 2400 | 16.0 | 09/07/2021 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyzed By: CK | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 09/03/2021 | ND | 214 | 107 | 200 | 0.547 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/03/2021 | ND | 211 | 106 | 200 | 0.939 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/03/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 74.9 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 70.9 | % 38.9-14 | 12 | | | | | | |
| | | | | | | | | | |

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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: 09/03/2021 Reported: 09/07/2021

Project Name: HAWK A - 17
Project Number: NONE GIVEN
Project Location: EUNICE, NM

Sampling Date: 09/03/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: EW #3 @ 4' (H212417-06)

| 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 | 09/03/2021 | ND | 1.98 | 99.2 | 2.00 | 9.62 | |
| Toluene* | <0.050 | 0.050 | 09/03/2021 | ND | 2.00 | 100 | 2.00 | 9.33 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/03/2021 | ND | 2.00 | 100 | 2.00 | 6.56 | |
| Total Xylenes* | <0.150 | 0.150 | 09/03/2021 | ND | 6.15 | 103 | 6.00 | 6.87 | |
| Total BTEX | <0.300 | 0.300 | 09/03/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.4 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyzed By: GM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 2440 | 16.0 | 09/07/2021 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyzed By: CK | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 09/03/2021 | ND | 214 | 107 | 200 | 0.547 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/03/2021 | ND | 211 | 106 | 200 | 0.939 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/03/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 73.3 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 68.3 | % 38.9-14 | 2 | | | | | | |

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Analytical Results For:

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

(5/5) 5/5 = 1

 Received:
 09/03/2021
 Sampling Date:
 09/03/2021

 Reported:
 09/07/2021
 Sampling Type:
 Soil

Project Name: HAWK A - 17 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: EUNICE, NM

Sample ID: W 4 @ SURFACE (H212417-07)

RTFY 8021R

| BIEX 8021B | тд/кд | | Analyzed By: MS | | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 09/03/2021 | ND | 1.98 | 99.2 | 2.00 | 9.62 | |
| Toluene* | <0.050 | 0.050 | 09/03/2021 | ND | 2.00 | 100 | 2.00 | 9.33 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/03/2021 | ND | 2.00 | 100 | 2.00 | 6.56 | |
| Total Xylenes* | <0.150 | 0.150 | 09/03/2021 | ND | 6.15 | 103 | 6.00 | 6.87 | |
| Total BTEX | <0.300 | 0.300 | 09/03/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 104 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-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 | 09/07/2021 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyzed By: CK | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 09/03/2021 | ND | 214 | 107 | 200 | 0.547 | |
| DRO >C10-C28* | 54.2 | 10.0 | 09/03/2021 | ND | 211 | 106 | 200 | 0.939 | |
| EXT DRO >C28-C36 | 11.3 | 10.0 | 09/03/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 73.3 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 70.8 | % 38.9-14 | 2 | | | | | | |
| | | | | | | | | | |

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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:
 09/03/2021
 Sampling Date:
 09/03/2021

 Reported:
 09/07/2021
 Sampling Type:
 Soil

Project Name: HAWK A - 17 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EUNICE, NM

Sample ID: WW #3 @ 4' (H212417-08)

| 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 | 09/03/2021 | ND | 1.98 | 99.2 | 2.00 | 9.62 | |
| Toluene* | <0.050 | 0.050 | 09/03/2021 | ND | 2.00 | 100 | 2.00 | 9.33 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/03/2021 | ND | 2.00 | 100 | 2.00 | 6.56 | |
| Total Xylenes* | <0.150 | 0.150 | 09/03/2021 | ND | 6.15 | 103 | 6.00 | 6.87 | |
| Total BTEX | <0.300 | 0.300 | 09/03/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-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 | 09/07/2021 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyzed By: CK | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 09/03/2021 | ND | 214 | 107 | 200 | 0.547 | |
| DRO >C10-C28* | 59.2 | 10.0 | 09/03/2021 | ND | 211 | 106 | 200 | 0.939 | |
| EXT DRO >C28-C36 | 16.3 | 10.0 | 09/03/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 76.7 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 73.4 | % 38.9-14 | 2 | | | | | | |
| | | | | | | | | | |

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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: 09/03/2021 Reported: 09/07/2021

Project Name: HAWK A - 17
Project Number: NONE GIVEN
Project Location: EUNICE, NM

ma/ka

Sampling Date: 09/03/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: B 27 @ 4' (H212417-09)

RTFY 8021R

| BIEX 8021B | mg | ^и кд | Anaiyze | еа ву: м5 | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 09/03/2021 | ND | 1.98 | 99.2 | 2.00 | 9.62 | |
| Toluene* | <0.050 | 0.050 | 09/03/2021 | ND | 2.00 | 100 | 2.00 | 9.33 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/03/2021 | ND | 2.00 | 100 | 2.00 | 6.56 | |
| Total Xylenes* | <0.150 | 0.150 | 09/03/2021 | ND | 6.15 | 103 | 6.00 | 6.87 | |
| Total BTEX | <0.300 | 0.300 | 09/03/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 100 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1100 | 16.0 | 09/07/2021 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: CK | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 09/03/2021 | ND | 214 | 107 | 200 | 0.547 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/03/2021 | ND | 211 | 106 | 200 | 0.939 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/03/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 78.7 | % 44.3-13. | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 74.1 | % 38.9-14. | 2 | | | | | | |
| | | | | | | | | | |

Applyzod By: MC

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Celey D. Keine



09/03/2021

Soil

Analytical Results For:

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

Fax To: (575) 393-2432

Received: 09/03/2021 Sampling Date:
Reported: 09/07/2021 Sampling Type:

Project Name: HAWK A - 17 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EUNICE, NM

Sample ID: B 28 @ 4' (H212417-10)

| BTEX 8021B | mg, | /kg | Analyze | ed By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 09/03/2021 | ND | 1.98 | 99.2 | 2.00 | 9.62 | |
| Toluene* | <0.050 | 0.050 | 09/03/2021 | ND | 2.00 | 100 | 2.00 | 9.33 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/03/2021 | ND | 2.00 | 100 | 2.00 | 6.56 | |
| Total Xylenes* | <0.150 | 0.150 | 09/03/2021 | ND | 6.15 | 103 | 6.00 | 6.87 | |
| Total BTEX | <0.300 | 0.300 | 09/03/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 104 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 224 | 16.0 | 09/07/2021 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: CK | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 09/03/2021 | ND | 214 | 107 | 200 | 0.547 | |
| DRO >C10-C28* | 27.7 | 10.0 | 09/03/2021 | ND | 211 | 106 | 200 | 0.939 | |
| EXT DRO >C28-C36 | 10.7 | 10.0 | 09/03/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 72.1 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 69.2 | % 38.9-14 | 22 | | | | | | |
| | | | | | | | | | |

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Celey D. Keine



Analytical Results For:

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

Fax To: (575) 393-2432

Received: 09/03/2021 Reported: 09/07/2021

Project Name: HAWK A - 17
Project Number: NONE GIVEN
Project Location: EUNICE, NM

Sampling Date: 09/03/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW @ 4' (H212417-11)

| BTEX 8021B | mg | /kg | Analyze | ed By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 09/03/2021 | ND | 1.98 | 99.2 | 2.00 | 9.62 | |
| Toluene* | <0.050 | 0.050 | 09/03/2021 | ND | 2.00 | 100 | 2.00 | 9.33 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/03/2021 | ND | 2.00 | 100 | 2.00 | 6.56 | |
| Total Xylenes* | <0.150 | 0.150 | 09/03/2021 | ND | 6.15 | 103 | 6.00 | 6.87 | |
| Total BTEX | <0.300 | 0.300 | 09/03/2021 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 09/07/2021 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | ed By: CK | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 09/03/2021 | ND | 214 | 107 | 200 | 0.547 | |
| DRO >C10-C28* | 62.1 | 10.0 | 09/03/2021 | ND | 211 | 106 | 200 | 0.939 | |
| EXT DRO >C28-C36 | 20.3 | 10.0 | 09/03/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 70.7 | % 44.3-13 | 3 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 68.3 | % 38.9-14 | 2 | | | | | | |
| | | | | | | | | | |

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



Notes and Definitions

| QR-03 | The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values. |
|-------|---|
| BS-3 | Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C |

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

| State: NMZID: SC DAIL State: NMZID: SC DAIL Address: Project Owner: City: Project Owner: State: Zip: Phone #: | Company Name: | Houses | | BILL TO | | A | ANALYSIS REOL | TOT | |
|--|---|--|--|--|---|-------------------------------------|--|-----------------|---|
| State: NAZID: GROUP Administration and the state of the s | Project Manager: | 30808 | | # | | - 1 - 1 | | | 1 |
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| Address: Project Owner: City: State: Zip: Phone #: | City: Had | | 5 | Attn: | | | | | - |
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| As is liability and client's exclusive remedy for any data natising whether based in contract or tort, shall be initiated to the amount paid by the client for the rot and any other cause whatsoever shall be deemed whether sush claims is based upon any of the applicable incorplation of the applicable incorplation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries. Time: Observed Temp. °C Sample Condition Observed Temp. °C No No No No Corrected Temp. °C Cool Infact Coo | 6 | | C . | 0.50 | 1:06 × | K -x | | | |
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| al's liability and client's exclusive remedy for any claim arising whether based in contract or bot, shall be limited to the amount paid by the client for the nodential or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries. Time: Date: Received By: Remarks: Remark | 3 5 | W#3 @4 | - | 2:1 | XX | 8 | | | |
| al's lability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the note and any other cause whatsoever shall be deemed walved unless made in writing and received by Cardinal within 30 days after completion of the applicable note what is subsidiaries. Time: Date: Received By: Remarks: R | 10 8 | 38@U' | 60 | 200 | 10126 | \hat{\hat{\hat{\hat{\hat{\hat{\hat{ | | | |
| Date: Time: Date: Received By: Received By: Received By: Received By: Received By: All Results are emailed. Please provide Email address: Coll Results are emailed. Please provide Email address: All Resul | lyses. All claims including the vice. In no event shall Cardina lates or successors arising out | mages. Cardinal's liability and client's exclusive remedy for al ise for negligence and any other cause whatsoever shall be a y be liable for incidental or consequental damages, including of or related to the performance of sensions become in the pro- | ny claim arising whether based in contract or to the water water unless made in writing and rece without imitation, business interruptions, loss of the contract that the contract is the contract to the c | rt, shall be limited to the amount paid in the amount paid is sived by Cardinal within 30 days after of use, or loss of profits incurred by clie | by the client for the completion of the applicable ont, its subsidiaries. | | | | Ĺ |
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| The state of the s | ampler - UPS - Bus | | | | Thermometer ID #113 Correction Factor None | Rush | O O | served Temp. °C | |

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

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

| Company Name: | | BILL TO | | ANA | ANALYSIS REO | ПЕСТ | |
|--|--|--|--|-------------|----------------|----------------------------------|-----------|
| Project Manager: Jelf Brown |) | | | | | - C | |
| Address: | | Company: | | | | | |
| City: Hobbas | State: NNZip: 88240 | Attn: | | | - | | |
| Phone #: | Fax #: | Address: | | | | · | 2 |
| Project #: | Project Owner: | City: | | | | | |
| Project Name: | | State: Zip: | | | | | |
| Project Location: Hawle 17- | 17 | # | | | | | - |
| Sampler Name: () () | was of. | Fax #: | | _ | - | | . * |
| FOR LAB USE ONLY | MATRIX | ESERV. | SAMPLING | | | | |
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| LEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the naive of the contract or fort, shall be limited to the amount paid by the client for the | exclusive remedy for any claim arising whether based in contract or the whatsoever shall be deemed waived unless made in writing and re | ort, shall be limited to the amount paid | by the client for the | | | | L |
| erwas. In o event shall cardinal be fibble for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries fiftiates or success are arising out of or related to the performance of services hereunder by Cardinal, regardless of whother each claim is her ad upon any of the above stated reasons or otherwise. | . In no event stall cardinat be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries of crucices and arising out of or related to the performance of services hereunder by Cardinal, regardless of whother exists in the rad upon any of the above stated reasons or otherwise profits have been supported by the control of the responsion of the performance of services hereunder by Cardinal, regardless of whother exists in the rad upon any of the above stated reasons or otherwise profits have been supported by the responsion of the performance of services hereunder by Cardinal, regardless of whother exists in the rad upon any of the above stated reasons or otherwise profits in the responsion of the respon | of use, or loss of profits incurred by clared upon any of the above stated rea | lient, its subsidiaries, asons or otherwise. | | | | |
|) will driving by: | Received By: | 0.1 | Verbal Result: ☐ Yes ☐ | □ No Add'I | Add'l Phone #: | | |
| Leve June Of | | Marky . | All Results are emailed. Please provide Email address: | provide Ema | ail address: | | |
| | Date: Received By: | | REMARKS: | | | | |
| Delivered By: (Circle One) Obser | | CHECKED BY: | Turnaround Time: Standard | | ly) S | Bacteria (only) Sample Condition | * |
| | Corrected Temp. °C | 4 of | Thermometer ID #113 Correction Factor None | K | Cool Intact | Observed Temp. °C | ິ ດໍ - |
| FUNIVI-000 K 3.1 00/04/20 | | | CONTROLL SCROT HONG | | | Corrected Temp. °C | റ് |

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



September 07, 2021

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: HAWK A - 17

Enclosed are the results of analyses for samples received by the laboratory on 09/03/21 15:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

APACHE CORP - HOBBS **BRUCE BAKER** 2350 W. MARLAND BLVD. HOBBS NM, 88240 Fax To:

(575) 393-2432

Received: 09/03/2021 Sampling Date: 09/03/2021 Reported: 09/07/2021 Sampling Type: Soil

Project Name: **HAWK A - 17** Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: EUNICE, NM

Sample ID: WW #2 @ 4 (H212419-01)

| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 09/07/2021 | ND | 432 | 108 | 400 | 3.77 | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



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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Celeg D. Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



| (575) 393-2326 FAX (575) 393-2476 | 476 | | , | | | 1 |
|---|---|--|---------------------|---------------------------------------|--|-----|
| Company Name: | | BILL TO | ANA | ANALYSIS REQUEST | EST | 上 |
| Project Manager: John Show A | P.O. #: | | | | | |
| Address: | Company: | | 1 | . * | | |
| cobos | State: N N Zip: 88 940 Attn: | | | | | _ |
| e#: | Address: | | | | | |
| Project #: Project Owner: | city: | | | · · · · · · · · · · · · · · · · · · · | | |
| Project Name: | State: | Zip: | 4 | | | |
| Broject Location: Handle (a Mary) | Phone #: | | | | | |
| I of the second | Поу #: | | _ | | | 7 |
| Sampler Name: dep (U8 & Sc & Le ~ | Fax | 1 | | o.i | | - |
| FOR LAB USE ONLY | MATRIX PRESERV | RV. SAMPLING | | | | |
| Lab I.D. Sample I.D. | (G)RAB OR (C)OMI # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE) COOL | DATE TIME | | | | |
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| PLEASE NOTE: Liability and Damages. Cardinat's liability and clients exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, service. | or any claim arising whether based in contract or tort, shall be lin be deemed waived unless made in writing and received by Card ding without limitation, business interruptions, loss of use, or loss | nited to the amount paid by the client for the final within 30 days after completion of the applicable so throffits incurred by client, its subsidiaries, of the above extend teacons or otherwise. | × | | | , . |
| Relinquished By: Time: | Date: Received By: | Verbal Result: All Results are em | ☐ No Please prov | Add'I Phone #: ide Email address: | | |
| Relinquished By: Date: | Received By: | REMARKS: | | | | |
| Delivered By: (Circle One) Observed Temp. °C (| Sample Condition | CHECKED BY: Turnaround Time: | Standard | Bacteria (only) S Cool Intact | Bacteria (only) Sample Condition Cool Intact Observed Temp. °C | |
| Sampler - UPS - Bus - Other: Corrected Temp. °C | Tyes Tyes | Thermometer ID #113 Correction Factor None | | ☐ Yes ☐ Yes | Corrected Temp. °C | |









District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 46866

CONDITIONS

| Operator: | OGRID: |
|-------------------------|---|
| APACHE CORPORATION | 873 |
| 303 Veterans Airpark Ln | Action Number: |
| Midland, TX 79705 | 46866 |
| | Action Type: |
| | [C-141] Release Corrective Action (C-141) |

CONDITIONS

| Created | By Condition | Condition Date |
|---------|--|-------------------|
| rhamle | We have received your closure report and final C-141 for Incident #NRM2032829991 HAWK A # 17, thank you. This closure is approved. | 1/25/2022 |