



303 Veterans Airpark Lane Midland, TX 79705

## **Remediation Plan**

December 8, 2022

Re: NEDU Trunk Line  
Case nAPP2226350546

### **Background:**

On 9/12/2022 a release occurred due to a fiberglass line failed. The release (GPS: 32.503281, -103.15327) is located north of Eunice, New Mexico in unit letter N section 3 township 21S range 37E. A groundwater survey was conducted utilizing NMOSE wells of record. The nearest well suggest groundwater beneath the release to be 45 feet.

On 10/14/2022 vertical delineation was conducted utilizing a backhoe to depths of 1 to 3 feet. All samples collected were submitted to a commercial laboratory for analysis of chloride, TPH, and BTEX. 5-point horizontal surface composite samples were collected not to exceed 200 square feet and submitted to a commercial laboratory for analysis of chloride, TPH, and BTEX.

### **Remediation Plan:**

Apache corporation proposes that the release around SP 1 and SP 2 be excavated to a depth of 2 feet. SP 3 be excavated to a depth of 3 feet. SP 4 and SP 5 be excavated to a depth of 1 foot. 5-point bottom and wall samples will be collected not to exceed 400 square feet. All excavated material (1700 yards) will be hauled to an OCD approved disposal facility. Once laboratory results are below table one standards for releases less than 50 feet to groundwater the excavation will be backfilled with clean imported soil and contoured to the surrounding area. The pasture area disturbed area will be reseeded to surface landowner recommendations. The remediation will be completed within 90 days of OCD approval of the plan.

Enclosed: C-141, Groundwater Data, Maps, Sample Data, and Laboratory Results.

Submitted by.

*Larry Baker*

**Environmental Technician Sr. Staff**  
larry.baker@apachecorp.com  
**Cell# 432-215-2284**

|                |                |
|----------------|----------------|
| Incident ID    | NAPP2226350546 |
| District RP    |                |
| Facility ID    |                |
| Application ID |                |

## Site Assessment/Characterization

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

|   |   |
|---|---|
| What is the shallowest depth to groundwater beneath the area affected by the release?   | <u>45</u> (ft bgs)  |
| Did this release impact groundwater or surface water?   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a wetland?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying a subsurface mine?   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying an unstable area such as karst geology?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within a 100-year floodplain?  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |

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

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

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

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

State of New Mexico  
Oil Conservation Division

Page 4

|                |                |
|----------------|----------------|
| Incident ID    | NAPP2226350546 |
| District RP    |                |
| Facility ID    |                |
| Application ID |                |

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

Printed Name: Larry Baker Title: Environmental Tech Sr. Staff  
 Signature: *Larry Baker* Date: 12/08/2022  
 email: larry.baker@apachecorp.com Telephone: 432-215-2284

**OCD Only**

Received by: Jocelyn Harimon Date: 12/14/2022

|                |                |
|----------------|----------------|
| Incident ID    | NAPP2226350546 |
| District RP    |                |
| Facility ID    |                |
| Application ID |                |

## Remediation Plan

**Remediation Plan Checklist:** Each of the following items must be included in the plan.

- Detailed description of proposed remediation technique
- Scaled sitemap with GPS coordinates showing delineation points
- Estimated volume of material to be remediated
- Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

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

- Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- Extents of contamination must be fully delineated.
- Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: Larry Baker Title: Environmental Tech Sr. Staff  
 Signature: Larry Baker Date: 12/08/2022  
 email: larry.baker@apachecorp.com Telephone: 432-215-2284

**OCD Only**

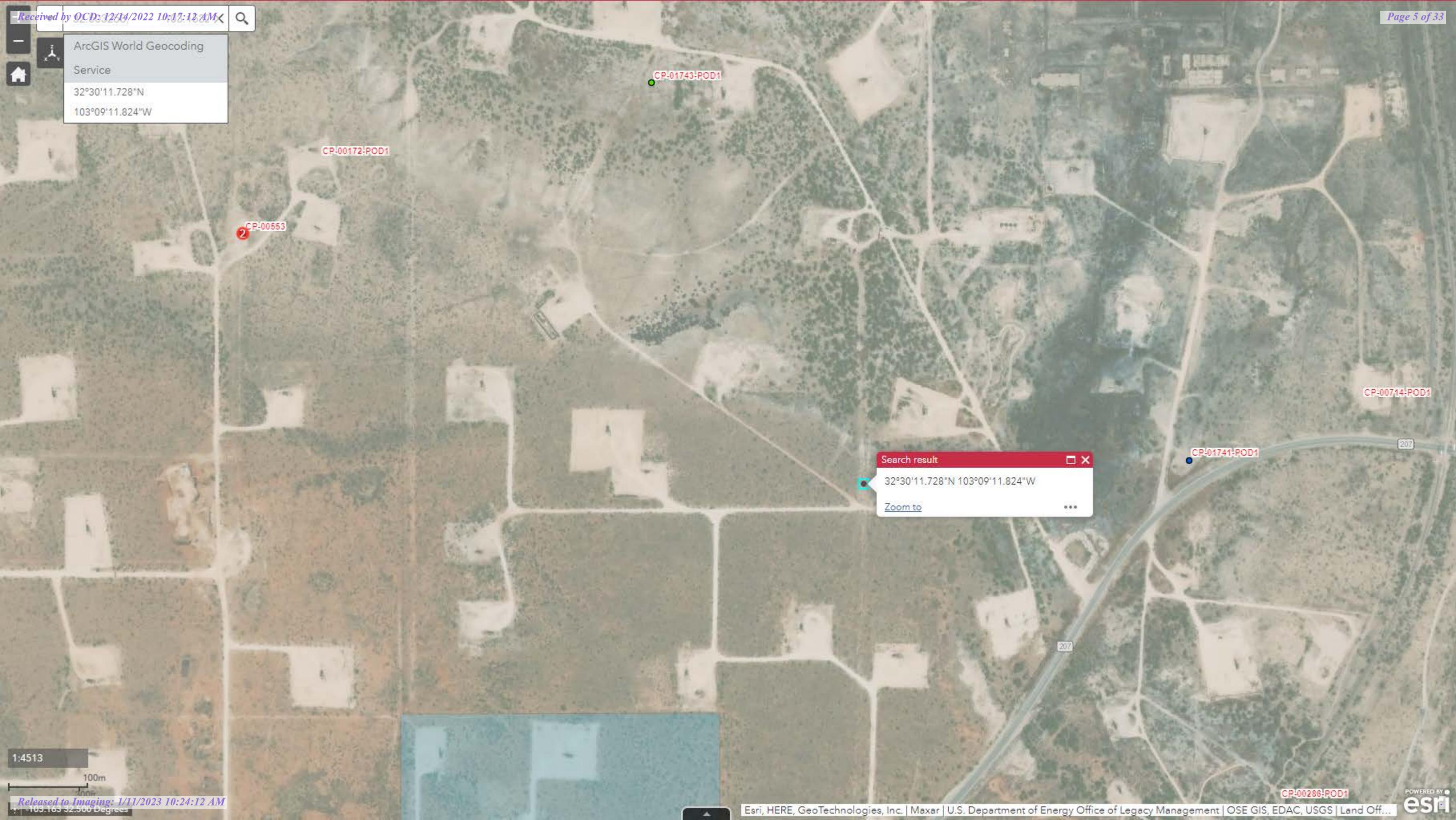
Received by: Jocelyn Harimon Date: 12/14/2022

- Approved       Approved with Attached Conditions of Approval       Denied       Deferral Approved

Signature: Jennifer Nobui Date: 01/11/2023

ArcGIS World Geocoding Service

32°30'11.728"N  
103°09'11.824"W



CP-00553

CP-00172:POD1

CP-01743:POD1

CP-00714:POD1

CP-01741:POD1

CP-00286:POD1

Search result

32°30'11.728"N 103°09'11.824"W

[Zoom to](#)

1:4513  
100m



# New Mexico Office of the State Engineer

## Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)  
 (quarters are smallest to largest) (NAD83 UTM in meters)

|                 |                   |            |            |           |            |            |            |          |                                  |
|-----------------|-------------------|------------|------------|-----------|------------|------------|------------|----------|----------------------------------|
| <b>Well Tag</b> | <b>POD Number</b> | <b>Q64</b> | <b>Q16</b> | <b>Q4</b> | <b>Sec</b> | <b>Tws</b> | <b>Rng</b> | <b>X</b> | <b>Y</b>                         |
| NA              | CP 01741 POD1     | 1          | 3          | 4         | 03         | 21S        | 37E        | 673895   | 3597759 <input type="checkbox"/> |

|                                     |  |                         |
|-------------------------------------|--|-------------------------|
| <b>Driller License:</b> 1710        | <b>Driller Company:</b> STRAUB CORPORATION |                         |
| <b>Driller Name:</b> MARTIN STRAUB  |  |                         |
| <b>Drill Start Date:</b> 10/01/2018 | <b>Drill Finish Date:</b> 10/01/2018       | <b>Plug Date:</b>       |
| <b>Log File Date:</b> 11/05/2018    | <b>PCW Rev Date:</b>                       | <b>Source:</b> Shallow  |
| <b>Pump Type:</b>                   | <b>Pipe Discharge Size:</b>                | <b>Estimated Yield:</b> |
| <b>Casing Size:</b> 4.00            | <b>Depth Well:</b> 45 feet                 | <b>Depth Water:</b>     |

|                                       |            |               |                    |
|---------------------------------------|------------|---------------|--------------------|
| <b>Water Bearing Stratifications:</b> | <b>Top</b> | <b>Bottom</b> | <b>Description</b> |
|                                       | 39         | 45            | Other/Unknown      |

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|                             |            |               |  |
|-----------------------------|------------|---------------|--|
| <b>Casing Perforations:</b> | <b>Top</b> | <b>Bottom</b> |  |
|                             | 25         | 45            |  |

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

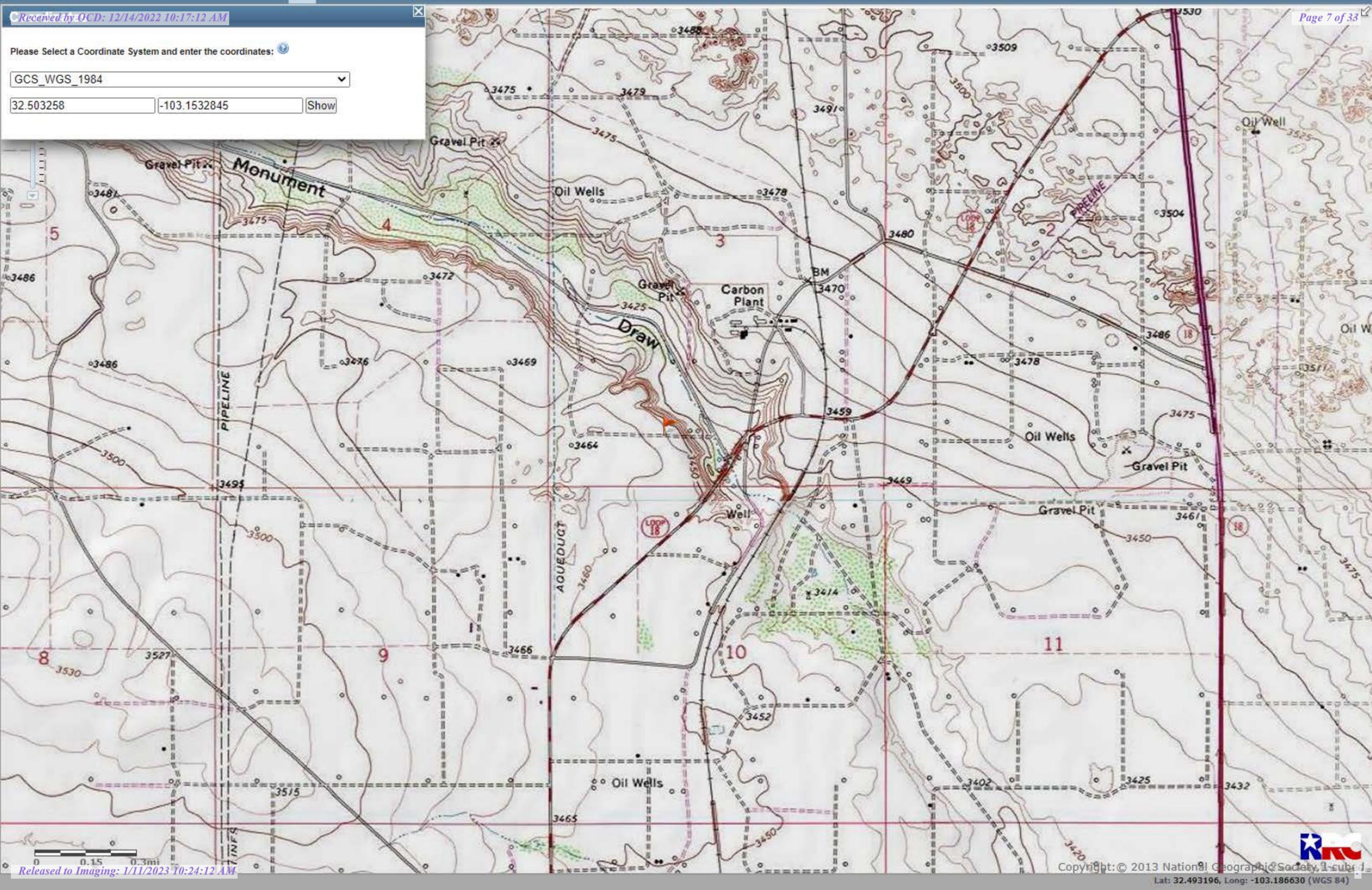
12/8/22 8:48 AM

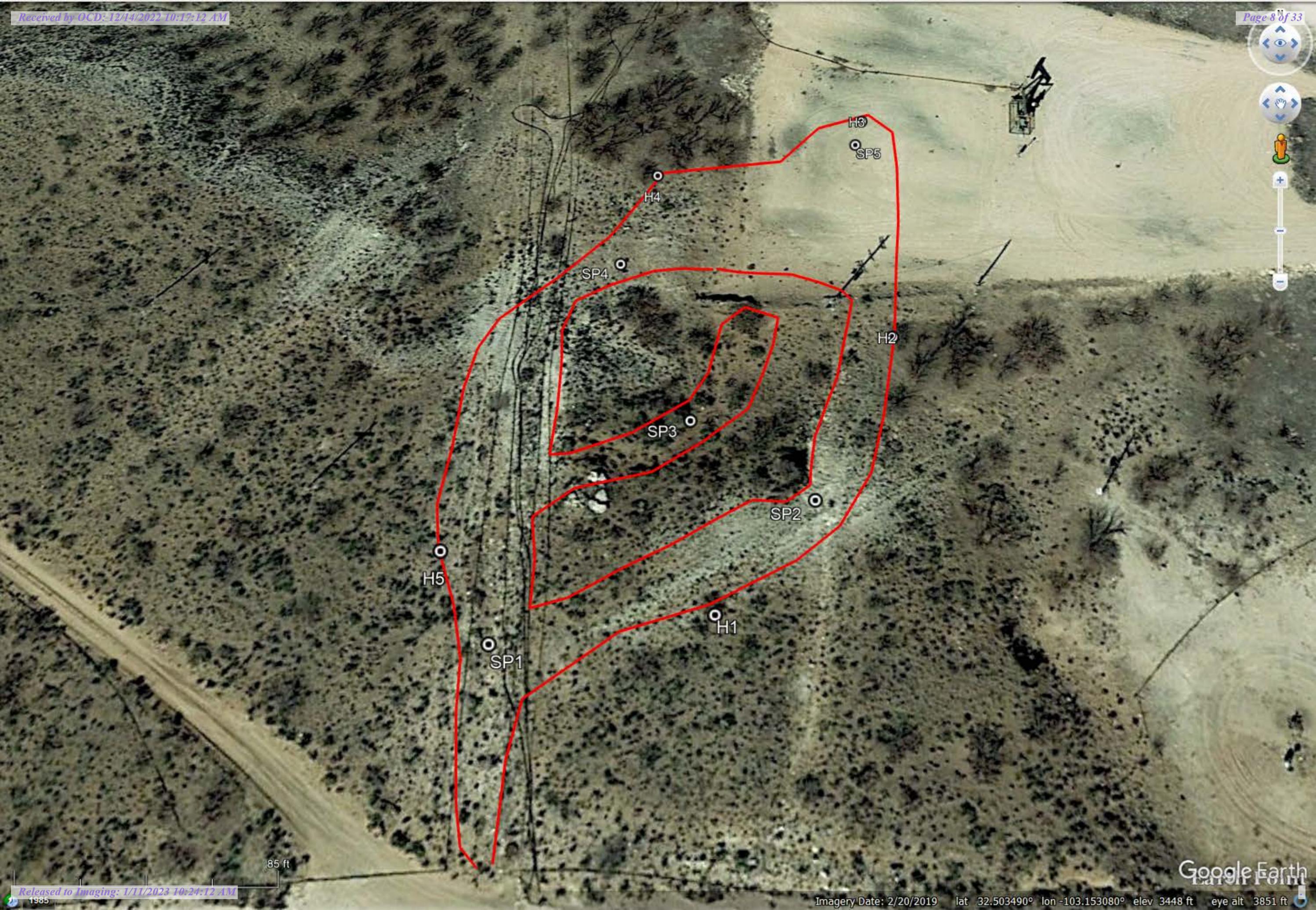
POINT OF DIVERSION SUMMARY

Please Select a Coordinate System and enter the coordinates:

GCS\_WGS\_1984

32.503258 -103.1532845 Show

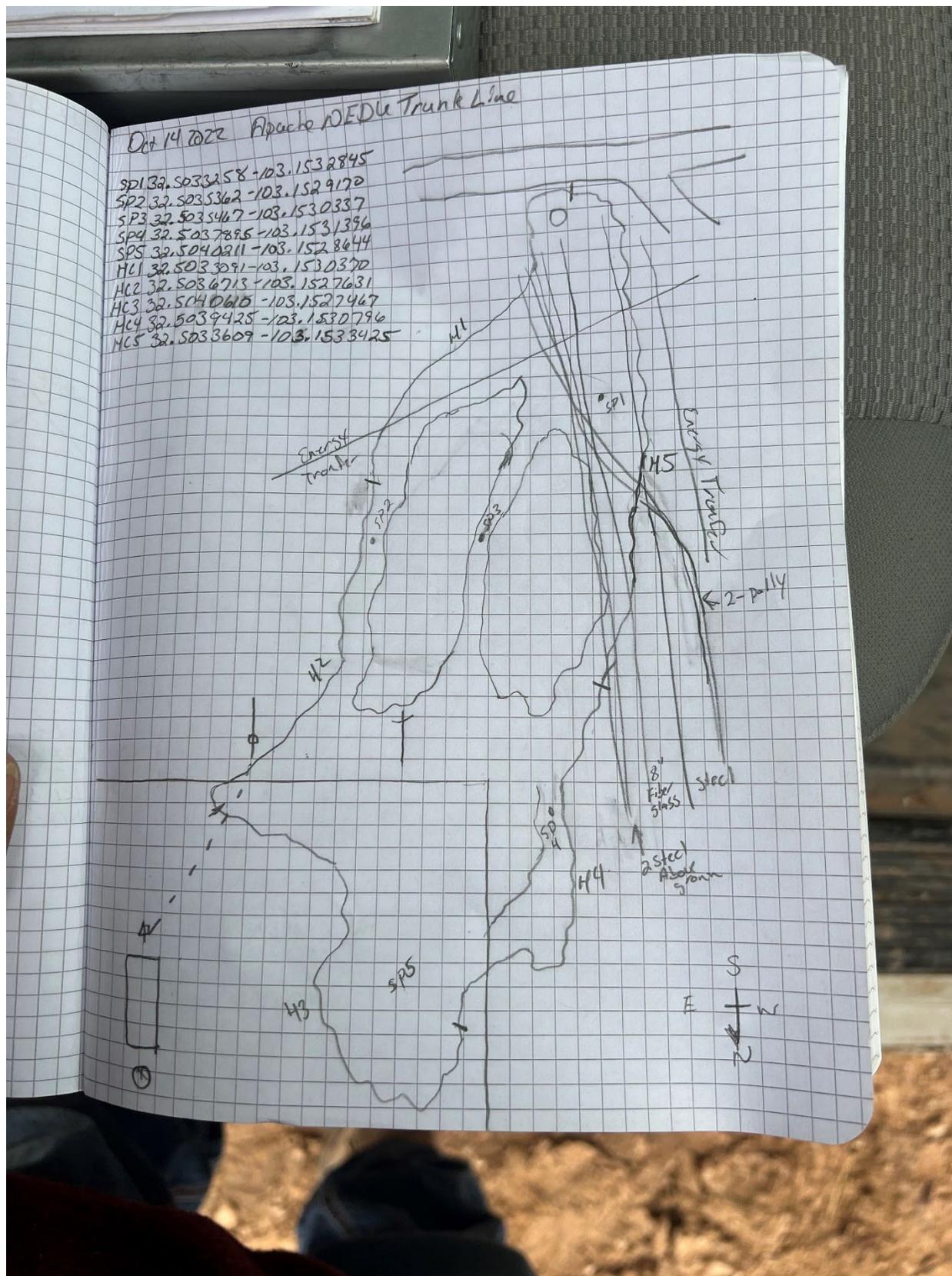




85 ft

## Delineation Samples

| Sample Date | Sample ID | Depth | Chloride Lab | Benzene | Toulene | Ethybenzene | Total Xylenes | Total BTEX | GRO   | DRO   | EXT DRO | GPS Coordinates             |
|-------------|-----------|-------|--------------|---------|---------|-------------|---------------|------------|-------|-------|---------|-----------------------------|
| 10/14/2022  | SP1       | S     | 1,200        | <0.050  | <0.050  | <0.050      | <0.150        | <0.300     | <10.0 | 253   | 70.7    | 32.503258,<br>-103.1532845  |
|             |           | 1'    | 1,960        | <0.050  | <0.050  | <0.050      | <0.150        | <0.300     | <10.0 | <10.0 | <10.0   |                             |
|             |           | 2'    | 32           | <0.050  | <0.050  | <0.050      | <0.150        | <0.300     | <10.0 | <10.0 | <10.0   |                             |
| 10/14/2022  | SP2       | S     | 4880         | <0.050  | <0.050  | <0.050      | <0.150        | <0.300     | <10.0 | 482   | 164     | 32.5035362,<br>-103.1529170 |
|             |           | 1'    | 48           | <0.050  | <0.050  | <0.050      | <0.150        | <0.300     | <10.0 | <10.0 | <10.0   |                             |
| 10/14/2022  | SP3       | S     | 2280         | <0.050  | <0.050  | <0.050      | <0.150        | <0.300     | <10.0 | 174   | 54.5    | 32.5035467,<br>-103.1530337 |
|             |           | 1'    | 800          | <0.050  | <0.050  | <0.050      | <0.150        | <0.300     | <10.0 | <10.0 | <10.0   |                             |
|             |           | 2'    | 976          | <0.050  | <0.050  | <0.050      | <0.150        | <0.300     | <10.0 | <10.0 | <10.0   |                             |
|             |           | 3'    | 32           | <0.050  | <0.050  | <0.050      | <0.150        | <0.300     | <10.0 | <10.0 | <10.0   |                             |
| 10/14/2022  | SP 4      | S     | 384          | <0.050  | <0.050  | <0.050      | <0.150        | <0.300     | <10.0 | 14.9  | <10.0   | 32.5037895,<br>-103.1531396 |
|             |           | 1'    | 32           | <0.050  | <0.050  | <0.050      | <0.150        | <0.300     | <10.0 | <10.0 | <10.0   |                             |
| 10/14/2022  | SP5       | S     | 272          | <0.050  | <0.050  | <0.050      | <0.150        | <0.300     | <10.0 | 18.7  | <10.0   | 32.5040211,<br>-103.1528644 |
|             |           | 1'    | 208          | <0.050  | <0.050  | <0.050      | <0.150        | <0.300     | <10.0 | <10.0 | <10.0   |                             |
| 10/14/2022  | H1        | S     | 64           | <0.050  | <0.050  | <0.050      | <0.150        | <0.300     | <10.0 | <10.0 | <10.0   | 32.5033091,<br>-103.1530370 |
| 10/14/2022  | H2        | S     | 32           | <0.050  | <0.050  | <0.050      | <0.150        | <0.300     | <10.0 | <10.0 | <10.0   | 32.5036713,<br>-103.1527631 |
| 10/14/2022  | H3        | S     | 16           | <0.050  | <0.050  | <0.050      | <0.150        | <0.300     | <10.0 | <10.0 | <10.0   | 32.5040610,<br>-103.1527467 |
| 10/14/2022  | H4        | S     | 16           | <0.050  | <0.050  | <0.050      | <0.150        | <0.300     | <10.0 | <10.0 | <10.0   | 32.5039425,<br>-103.1530796 |
| 10/14/2022  | H5        | S     | 48           | <0.050  | <0.050  | <0.050      | <0.150        | <0.300     | <10.0 | <10.0 | <10.0   | 32.5033609,<br>-103.1533425 |





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

---

October 19, 2022

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: NEDU TRUNKLINE

Enclosed are the results of analyses for samples received by the laboratory on 10/14/22 13:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

|                   |                |                     |                |
|-------------------|----------------|---------------------|----------------|
| Received:         | 10/14/2022     | Sampling Date:      | 10/14/2022     |
| Reported:         | 10/19/2022     | Sampling Type:      | Soil           |
| Project Name:     | NEDU TRUNKLINE | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN     | Sample Received By: | Tamara Oldaker |
| Project Location: | EUNICE NM      |                     |                |

**Sample ID: SP 1 @ SURFACE (H224853-01)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 10/18/2022 | ND               | 1.90 | 95.1       | 2.00          | 5.35 |           |
| Toluene*       | <0.050 | 0.050           | 10/18/2022 | ND               | 1.88 | 94.1       | 2.00          | 5.85 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 10/18/2022 | ND               | 1.86 | 93.0       | 2.00          | 4.94 |           |
| Total Xylenes* | <0.150 | 0.150           | 10/18/2022 | ND               | 5.67 | 94.5       | 6.00          | 5.32 |           |
| Total BTEX     | <0.300 | 0.300           | 10/18/2022 | ND               |      |            |               |      |           |

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

| Chloride, SM4500Cl-B |             | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result      | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| <b>Chloride</b>      | <b>1200</b> | 16.0            | 10/18/2022 | ND              | 400 | 100        | 400           | 4.08 |           |

| TPH 8015M                  |             | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte                    | Result      | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                | <10.0       | 10.0            | 10/18/2022 | ND              | 241 | 121        | 200           | 12.7 |           |
| <b>DRO &gt;C10-C28*</b>    | <b>253</b>  | 10.0            | 10/18/2022 | ND              | 236 | 118        | 200           | 15.7 |           |
| <b>EXT DRO &gt;C28-C36</b> | <b>70.7</b> | 10.0            | 10/18/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 143 % 46.3-178

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 whatsoever 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 relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

|                   |                |                     |                |
|-------------------|----------------|---------------------|----------------|
| Received:         | 10/14/2022     | Sampling Date:      | 10/14/2022     |
| Reported:         | 10/19/2022     | Sampling Type:      | Soil           |
| Project Name:     | NEDU TRUNKLINE | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN     | Sample Received By: | Tamara Oldaker |
| Project Location: | EUNICE NM      |                     |                |

**Sample ID: SP 1 @ 1' (H224853-02)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 10/18/2022 | ND               | 1.90 | 95.1       | 2.00          | 5.35 |           |
| Toluene*       | <0.050 | 0.050           | 10/18/2022 | ND               | 1.88 | 94.1       | 2.00          | 5.85 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 10/18/2022 | ND               | 1.86 | 93.0       | 2.00          | 4.94 |           |
| Total Xylenes* | <0.150 | 0.150           | 10/18/2022 | ND               | 5.67 | 94.5       | 6.00          | 5.32 |           |
| Total BTEX     | <0.300 | 0.300           | 10/18/2022 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 1960   | 16.0            | 10/18/2022 | ND              | 400 | 100        | 400           | 4.08 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 10/18/2022 | ND              | 241 | 121        | 200           | 12.7 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 10/18/2022 | ND              | 236 | 118        | 200           | 15.7 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 10/18/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 93.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 114 % 46.3-178

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 whatsoever 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 relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

|                   |                |                     |                |
|-------------------|----------------|---------------------|----------------|
| Received:         | 10/14/2022     | Sampling Date:      | 10/14/2022     |
| Reported:         | 10/19/2022     | Sampling Type:      | Soil           |
| Project Name:     | NEDU TRUNKLINE | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN     | Sample Received By: | Tamara Oldaker |
| Project Location: | EUNICE NM      |                     |                |

**Sample ID: SP 1 @ 2' (H224853-03)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 10/18/2022 | ND               | 1.90 | 95.1       | 2.00          | 5.35 |           |
| Toluene*       | <0.050 | 0.050           | 10/18/2022 | ND               | 1.88 | 94.1       | 2.00          | 5.85 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 10/18/2022 | ND               | 1.86 | 93.0       | 2.00          | 4.94 |           |
| Total Xylenes* | <0.150 | 0.150           | 10/18/2022 | ND               | 5.67 | 94.5       | 6.00          | 5.32 |           |
| Total BTEX     | <0.300 | 0.300           | 10/18/2022 | ND               |      |            |               |      |           |

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

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 32.0   | 16.0            | 10/18/2022 | ND              | 400 | 100        | 400           | 4.08 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 10/18/2022 | ND              | 241 | 121        | 200           | 12.7 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 10/18/2022 | ND              | 236 | 118        | 200           | 15.7 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 10/18/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 73.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.2 % 46.3-178

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

|                   |                |                     |                |
|-------------------|----------------|---------------------|----------------|
| Received:         | 10/14/2022     | Sampling Date:      | 10/14/2022     |
| Reported:         | 10/19/2022     | Sampling Type:      | Soil           |
| Project Name:     | NEDU TRUNKLINE | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN     | Sample Received By: | Tamara Oldaker |
| Project Location: | EUNICE NM      |                     |                |

**Sample ID: SP 2 @ SURFACE (H224853-04)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 10/18/2022 | ND               | 1.90 | 95.1       | 2.00          | 5.35 |           |
| Toluene*       | <0.050 | 0.050           | 10/18/2022 | ND               | 1.88 | 94.1       | 2.00          | 5.85 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 10/18/2022 | ND               | 1.86 | 93.0       | 2.00          | 4.94 |           |
| Total Xylenes* | <0.150 | 0.150           | 10/18/2022 | ND               | 5.67 | 94.5       | 6.00          | 5.32 |           |
| Total BTEX     | <0.300 | 0.300           | 10/18/2022 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

| Chloride, SM4500CI-B |             | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result      | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| <b>Chloride</b>      | <b>4880</b> | 16.0            | 10/18/2022 | ND              | 400 | 100        | 400           | 4.08 |           |

| TPH 8015M                  |            | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|----------------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte                    | Result     | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                | <10.0      | 10.0            | 10/18/2022 | ND              | 241 | 121        | 200           | 12.7 |           |
| <b>DRO &gt;C10-C28*</b>    | <b>482</b> | 10.0            | 10/18/2022 | ND              | 236 | 118        | 200           | 15.7 |           |
| <b>EXT DRO &gt;C28-C36</b> | <b>164</b> | 10.0            | 10/18/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 82.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 143 % 46.3-178

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

|                   |                |                     |                |
|-------------------|----------------|---------------------|----------------|
| Received:         | 10/14/2022     | Sampling Date:      | 10/14/2022     |
| Reported:         | 10/19/2022     | Sampling Type:      | Soil           |
| Project Name:     | NEDU TRUNKLINE | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN     | Sample Received By: | Tamara Oldaker |
| Project Location: | EUNICE NM      |                     |                |

**Sample ID: SP 2 @ 1' (H224853-05)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 10/18/2022 | ND               | 1.90 | 95.1       | 2.00          | 5.35 |           |  |
| Toluene*       | <0.050 | 0.050           | 10/18/2022 | ND               | 1.88 | 94.1       | 2.00          | 5.85 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 10/18/2022 | ND               | 1.86 | 93.0       | 2.00          | 4.94 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 10/18/2022 | ND               | 5.67 | 94.5       | 6.00          | 5.32 |           |  |
| Total BTEX     | <0.300 | 0.300           | 10/18/2022 | ND               |      |            |               |      |           |  |

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

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 48.0   | 16.0            | 10/18/2022 | ND              | 400 | 100        | 400           | 4.08 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |  |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 10/18/2022 | ND              | 241 | 121        | 200           | 12.7 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 10/18/2022 | ND              | 236 | 118        | 200           | 15.7 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 10/18/2022 | ND              |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 84.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

|                   |                |                     |                |
|-------------------|----------------|---------------------|----------------|
| Received:         | 10/14/2022     | Sampling Date:      | 10/14/2022     |
| Reported:         | 10/19/2022     | Sampling Type:      | Soil           |
| Project Name:     | NEDU TRUNKLINE | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN     | Sample Received By: | Tamara Oldaker |
| Project Location: | EUNICE NM      |                     |                |

**Sample ID: SP 3 @ SURFACE (H224853-06)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 10/18/2022 | ND               | 1.90 | 95.1       | 2.00          | 5.35 |           |
| Toluene*       | <0.050 | 0.050           | 10/18/2022 | ND               | 1.88 | 94.1       | 2.00          | 5.85 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 10/18/2022 | ND               | 1.86 | 93.0       | 2.00          | 4.94 |           |
| Total Xylenes* | <0.150 | 0.150           | 10/18/2022 | ND               | 5.67 | 94.5       | 6.00          | 5.32 |           |
| Total BTEX     | <0.300 | 0.300           | 10/18/2022 | ND               |      |            |               |      |           |

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

| Chloride, SM4500CI-B |             | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result      | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| <b>Chloride</b>      | <b>2280</b> | 16.0            | 10/18/2022 | ND              | 448 | 112        | 400           | 3.64 |           |

| TPH 8015M                  |             | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte                    | Result      | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                | <10.0       | 10.0            | 10/18/2022 | ND              | 241 | 121        | 200           | 12.7 |           |
| <b>DRO &gt;C10-C28*</b>    | <b>174</b>  | 10.0            | 10/18/2022 | ND              | 236 | 118        | 200           | 15.7 |           |
| <b>EXT DRO &gt;C28-C36</b> | <b>54.5</b> | 10.0            | 10/18/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 142 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

|                   |                |                     |                |
|-------------------|----------------|---------------------|----------------|
| Received:         | 10/14/2022     | Sampling Date:      | 10/14/2022     |
| Reported:         | 10/19/2022     | Sampling Type:      | Soil           |
| Project Name:     | NEDU TRUNKLINE | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN     | Sample Received By: | Tamara Oldaker |
| Project Location: | EUNICE NM      |                     |                |

**Sample ID: SP 3 @ 1' (H224853-07)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 10/18/2022 | ND               | 1.90 | 95.1       | 2.00          | 5.35 |           |  |
| Toluene*       | <0.050 | 0.050           | 10/18/2022 | ND               | 1.88 | 94.1       | 2.00          | 5.85 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 10/18/2022 | ND               | 1.86 | 93.0       | 2.00          | 4.94 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 10/18/2022 | ND               | 5.67 | 94.5       | 6.00          | 5.32 |           |  |
| Total BTEX     | <0.300 | 0.300           | 10/18/2022 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 800    | 16.0            | 10/18/2022 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |  |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 10/18/2022 | ND              | 241 | 121        | 200           | 12.7 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 10/18/2022 | ND              | 236 | 118        | 200           | 15.7 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 10/18/2022 | ND              |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 84.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

|                   |                |                     |                |
|-------------------|----------------|---------------------|----------------|
| Received:         | 10/14/2022     | Sampling Date:      | 10/14/2022     |
| Reported:         | 10/19/2022     | Sampling Type:      | Soil           |
| Project Name:     | NEDU TRUNKLINE | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN     | Sample Received By: | Tamara Oldaker |
| Project Location: | EUNICE NM      |                     |                |

**Sample ID: SP 3 @ 2' (H224853-08)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 10/18/2022 | ND               | 1.90 | 95.1       | 2.00          | 5.35 |           |
| Toluene*       | <0.050 | 0.050           | 10/18/2022 | ND               | 1.88 | 94.1       | 2.00          | 5.85 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 10/18/2022 | ND               | 1.86 | 93.0       | 2.00          | 4.94 |           |
| Total Xylenes* | <0.150 | 0.150           | 10/18/2022 | ND               | 5.67 | 94.5       | 6.00          | 5.32 |           |
| Total BTEX     | <0.300 | 0.300           | 10/18/2022 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 976    | 16.0            | 10/18/2022 | ND              | 448 | 112        | 400           | 3.64 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 10/18/2022 | ND              | 241 | 121        | 200           | 12.7 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 10/18/2022 | ND              | 236 | 118        | 200           | 15.7 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 10/18/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 81.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

|                   |                |                     |                |
|-------------------|----------------|---------------------|----------------|
| Received:         | 10/14/2022     | Sampling Date:      | 10/14/2022     |
| Reported:         | 10/19/2022     | Sampling Type:      | Soil           |
| Project Name:     | NEDU TRUNKLINE | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN     | Sample Received By: | Tamara Oldaker |
| Project Location: | EUNICE NM      |                     |                |

**Sample ID: SP 3 @ 3' (H224853-09)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 10/18/2022 | ND               | 1.90 | 95.1       | 2.00          | 5.35 |           |  |
| Toluene*       | <0.050 | 0.050           | 10/18/2022 | ND               | 1.88 | 94.1       | 2.00          | 5.85 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 10/18/2022 | ND               | 1.86 | 93.0       | 2.00          | 4.94 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 10/18/2022 | ND               | 5.67 | 94.5       | 6.00          | 5.32 |           |  |
| Total BTEX     | <0.300 | 0.300           | 10/18/2022 | ND               |      |            |               |      |           |  |

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

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 32.0   | 16.0            | 10/18/2022 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |  |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 10/18/2022 | ND              | 241 | 121        | 200           | 12.7 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 10/18/2022 | ND              | 236 | 118        | 200           | 15.7 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 10/18/2022 | ND              |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 80.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.3 % 46.3-178

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

|                   |                |                     |                |
|-------------------|----------------|---------------------|----------------|
| Received:         | 10/14/2022     | Sampling Date:      | 10/14/2022     |
| Reported:         | 10/19/2022     | Sampling Type:      | Soil           |
| Project Name:     | NEDU TRUNKLINE | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN     | Sample Received By: | Tamara Oldaker |
| Project Location: | EUNICE NM      |                     |                |

**Sample ID: SP 4 @ SURFACE (H224853-10)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 10/18/2022 | ND               | 1.90 | 95.1       | 2.00          | 5.35 |           |
| Toluene*       | <0.050 | 0.050           | 10/18/2022 | ND               | 1.88 | 94.1       | 2.00          | 5.85 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 10/18/2022 | ND               | 1.86 | 93.0       | 2.00          | 4.94 |           |
| Total Xylenes* | <0.150 | 0.150           | 10/18/2022 | ND               | 5.67 | 94.5       | 6.00          | 5.32 |           |
| Total BTEX     | <0.300 | 0.300           | 10/18/2022 | ND               |      |            |               |      |           |

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

| Chloride, SM4500CI-B |            | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result     | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| <b>Chloride</b>      | <b>384</b> | 16.0            | 10/18/2022 | ND              | 448 | 112        | 400           | 3.64 |           |

| TPH 8015M               |             | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|-------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte                 | Result      | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*             | <10.0       | 10.0            | 10/18/2022 | ND              | 241 | 121        | 200           | 12.7 |           |
| <b>DRO &gt;C10-C28*</b> | <b>14.9</b> | 10.0            | 10/18/2022 | ND              | 236 | 118        | 200           | 15.7 |           |
| EXT DRO >C28-C36        | <10.0       | 10.0            | 10/18/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 87.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

|                   |                |                     |                |
|-------------------|----------------|---------------------|----------------|
| Received:         | 10/14/2022     | Sampling Date:      | 10/14/2022     |
| Reported:         | 10/19/2022     | Sampling Type:      | Soil           |
| Project Name:     | NEDU TRUNKLINE | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN     | Sample Received By: | Tamara Oldaker |
| Project Location: | EUNICE NM      |                     |                |

**Sample ID: SP 4 @ 1' (H224853-11)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 10/18/2022 | ND               | 1.90 | 95.1       | 2.00          | 5.35 |           |
| Toluene*       | <0.050 | 0.050           | 10/18/2022 | ND               | 1.88 | 94.1       | 2.00          | 5.85 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 10/18/2022 | ND               | 1.86 | 93.0       | 2.00          | 4.94 |           |
| Total Xylenes* | <0.150 | 0.150           | 10/18/2022 | ND               | 5.67 | 94.5       | 6.00          | 5.32 |           |
| Total BTEX     | <0.300 | 0.300           | 10/18/2022 | ND               |      |            |               |      |           |

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

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 32.0   | 16.0            | 10/18/2022 | ND              | 448 | 112        | 400           | 3.64 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 10/18/2022 | ND              | 241 | 121        | 200           | 12.7 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 10/18/2022 | ND              | 236 | 118        | 200           | 15.7 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 10/18/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 74.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.4 % 46.3-178

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

|                   |                |                     |                |
|-------------------|----------------|---------------------|----------------|
| Received:         | 10/14/2022     | Sampling Date:      | 10/14/2022     |
| Reported:         | 10/19/2022     | Sampling Type:      | Soil           |
| Project Name:     | NEDU TRUNKLINE | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN     | Sample Received By: | Tamara Oldaker |
| Project Location: | EUNICE NM      |                     |                |

**Sample ID: SP 5 @ SURFACE (H224853-12)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 10/18/2022 | ND               | 1.90 | 95.1       | 2.00          | 5.35 |           |
| Toluene*       | <0.050 | 0.050           | 10/18/2022 | ND               | 1.88 | 94.1       | 2.00          | 5.85 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 10/18/2022 | ND               | 1.86 | 93.0       | 2.00          | 4.94 |           |
| Total Xylenes* | <0.150 | 0.150           | 10/18/2022 | ND               | 5.67 | 94.5       | 6.00          | 5.32 |           |
| Total BTEX     | <0.300 | 0.300           | 10/18/2022 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

| Chloride, SM4500CI-B |            | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result     | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| <b>Chloride</b>      | <b>272</b> | 16.0            | 10/18/2022 | ND              | 448 | 112        | 400           | 3.64 |           |

| TPH 8015M               |             | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|-------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte                 | Result      | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*             | <10.0       | 10.0            | 10/18/2022 | ND              | 241 | 121        | 200           | 12.7 |           |
| <b>DRO &gt;C10-C28*</b> | <b>18.7</b> | 10.0            | 10/18/2022 | ND              | 236 | 118        | 200           | 15.7 |           |
| EXT DRO >C28-C36        | <10.0       | 10.0            | 10/18/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 87.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

|                   |                |                     |                |
|-------------------|----------------|---------------------|----------------|
| Received:         | 10/14/2022     | Sampling Date:      | 10/14/2022     |
| Reported:         | 10/19/2022     | Sampling Type:      | Soil           |
| Project Name:     | NEDU TRUNKLINE | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN     | Sample Received By: | Tamara Oldaker |
| Project Location: | EUNICE NM      |                     |                |

**Sample ID: SP 5 @ 1' (H224853-13)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 10/18/2022 | ND               | 1.90 | 95.1       | 2.00          | 5.35 |           |
| Toluene*       | <0.050 | 0.050           | 10/18/2022 | ND               | 1.88 | 94.1       | 2.00          | 5.85 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 10/18/2022 | ND               | 1.86 | 93.0       | 2.00          | 4.94 |           |
| Total Xylenes* | <0.150 | 0.150           | 10/18/2022 | ND               | 5.67 | 94.5       | 6.00          | 5.32 |           |
| Total BTEX     | <0.300 | 0.300           | 10/18/2022 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 208    | 16.0            | 10/18/2022 | ND              | 448 | 112        | 400           | 3.64 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 10/18/2022 | ND              | 241 | 121        | 200           | 12.7 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 10/18/2022 | ND              | 236 | 118        | 200           | 15.7 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 10/18/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 96.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 117 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

|                   |                |                     |                |
|-------------------|----------------|---------------------|----------------|
| Received:         | 10/14/2022     | Sampling Date:      | 10/14/2022     |
| Reported:         | 10/19/2022     | Sampling Type:      | Soil           |
| Project Name:     | NEDU TRUNKLINE | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN     | Sample Received By: | Tamara Oldaker |
| Project Location: | EUNICE NM      |                     |                |

**Sample ID: HC 1 (H224853-14)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 10/18/2022 | ND               | 1.90 | 95.1       | 2.00          | 5.35 |           |
| Toluene*       | <0.050 | 0.050           | 10/18/2022 | ND               | 1.88 | 94.1       | 2.00          | 5.85 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 10/18/2022 | ND               | 1.86 | 93.0       | 2.00          | 4.94 |           |
| Total Xylenes* | <0.150 | 0.150           | 10/18/2022 | ND               | 5.67 | 94.5       | 6.00          | 5.32 |           |
| Total BTEX     | <0.300 | 0.300           | 10/18/2022 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 64.0   | 16.0            | 10/18/2022 | ND              | 448 | 112        | 400           | 3.64 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 10/18/2022 | ND              | 241 | 121        | 200           | 12.7 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 10/18/2022 | ND              | 236 | 118        | 200           | 15.7 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 10/18/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 98.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

|                   |                |                     |                |
|-------------------|----------------|---------------------|----------------|
| Received:         | 10/14/2022     | Sampling Date:      | 10/14/2022     |
| Reported:         | 10/19/2022     | Sampling Type:      | Soil           |
| Project Name:     | NEDU TRUNKLINE | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN     | Sample Received By: | Tamara Oldaker |
| Project Location: | EUNICE NM      |                     |                |

**Sample ID: HC 2 (H224853-15)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 10/18/2022 | ND               | 1.90 | 95.1       | 2.00          | 5.35 |           |  |
| Toluene*       | <0.050 | 0.050           | 10/18/2022 | ND               | 1.88 | 94.1       | 2.00          | 5.85 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 10/18/2022 | ND               | 1.86 | 93.0       | 2.00          | 4.94 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 10/18/2022 | ND               | 5.67 | 94.5       | 6.00          | 5.32 |           |  |
| Total BTEX     | <0.300 | 0.300           | 10/18/2022 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 32.0   | 16.0            | 10/18/2022 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |  |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 10/18/2022 | ND              | 241 | 121        | 200           | 12.7 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 10/18/2022 | ND              | 236 | 118        | 200           | 15.7 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 10/18/2022 | ND              |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 76.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

|                   |                |                     |                |
|-------------------|----------------|---------------------|----------------|
| Received:         | 10/14/2022     | Sampling Date:      | 10/14/2022     |
| Reported:         | 10/19/2022     | Sampling Type:      | Soil           |
| Project Name:     | NEDU TRUNKLINE | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN     | Sample Received By: | Tamara Oldaker |
| Project Location: | EUNICE NM      |                     |                |

**Sample ID: HC 3 (H224853-16)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 10/18/2022 | ND               | 1.90 | 95.1       | 2.00          | 5.35 |           |
| Toluene*       | <0.050 | 0.050           | 10/18/2022 | ND               | 1.88 | 94.1       | 2.00          | 5.85 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 10/18/2022 | ND               | 1.86 | 93.0       | 2.00          | 4.94 |           |
| Total Xylenes* | <0.150 | 0.150           | 10/18/2022 | ND               | 5.67 | 94.5       | 6.00          | 5.32 |           |
| Total BTEX     | <0.300 | 0.300           | 10/18/2022 | ND               |      |            |               |      |           |

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

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 16.0   | 16.0            | 10/18/2022 | ND              | 448 | 112        | 400           | 3.64 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 10/18/2022 | ND              | 241 | 121        | 200           | 12.7 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 10/18/2022 | ND              | 236 | 118        | 200           | 15.7 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 10/18/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 84.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 100 % 46.3-178

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

|                   |                |                     |                |
|-------------------|----------------|---------------------|----------------|
| Received:         | 10/14/2022     | Sampling Date:      | 10/14/2022     |
| Reported:         | 10/19/2022     | Sampling Type:      | Soil           |
| Project Name:     | NEDU TRUNKLINE | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN     | Sample Received By: | Tamara Oldaker |
| Project Location: | EUNICE NM      |                     |                |

**Sample ID: HC 4 (H224853-17)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 10/18/2022 | ND               | 1.90 | 95.1       | 2.00          | 5.35 |           |
| Toluene*       | <0.050 | 0.050           | 10/18/2022 | ND               | 1.88 | 94.1       | 2.00          | 5.85 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 10/18/2022 | ND               | 1.86 | 93.0       | 2.00          | 4.94 |           |
| Total Xylenes* | <0.150 | 0.150           | 10/18/2022 | ND               | 5.67 | 94.5       | 6.00          | 5.32 |           |
| Total BTEX     | <0.300 | 0.300           | 10/18/2022 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 16.0   | 16.0            | 10/18/2022 | ND              | 448 | 112        | 400           | 3.64 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 10/18/2022 | ND              | 241 | 121        | 200           | 12.7 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 10/18/2022 | ND              | 236 | 118        | 200           | 15.7 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 10/18/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 79.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

|                   |                |                     |                |
|-------------------|----------------|---------------------|----------------|
| Received:         | 10/14/2022     | Sampling Date:      | 10/14/2022     |
| Reported:         | 10/19/2022     | Sampling Type:      | Soil           |
| Project Name:     | NEDU TRUNKLINE | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN     | Sample Received By: | Tamara Oldaker |
| Project Location: | EUNICE NM      |                     |                |

**Sample ID: HC 5 (H224853-18)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 10/18/2022 | ND               | 1.90 | 95.1       | 2.00          | 5.35 |           |
| Toluene*       | <0.050 | 0.050           | 10/18/2022 | ND               | 1.88 | 94.1       | 2.00          | 5.85 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 10/18/2022 | ND               | 1.86 | 93.0       | 2.00          | 4.94 |           |
| Total Xylenes* | <0.150 | 0.150           | 10/18/2022 | ND               | 5.67 | 94.5       | 6.00          | 5.32 |           |
| Total BTEX     | <0.300 | 0.300           | 10/18/2022 | ND               |      |            |               |      |           |

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

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 48.0   | 16.0            | 10/18/2022 | ND              | 448 | 112        | 400           | 3.64 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 10/18/2022 | ND              | 241 | 121        | 200           | 12.7 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 10/18/2022 | ND              | 236 | 118        | 200           | 15.7 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 10/18/2022 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 96.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 115 % 46.3-178

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

Notes and Definitions

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

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

|   |  |   |  |
|---|--|---|--|
| Company Name: <u>Apache</u><br>Project Manager: <u>Bruce Baker</u>      |  | P.O. #: _____<br>Company: _____                         |  |
| Address: _____<br>City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u> |  | Attn: _____<br>Address: _____                           |  |
| Phone #: _____ Fax #: _____<br>Project #: _____ Project Owner: _____    |  | City: _____ State: _____ Zip: _____                     |  |
| Project Name: _____<br>Project Location: <u>NE Du Trunk line</u>        |  | State: _____ Phone #: _____<br>Fax #: _____             |  |
| Sampler Name: <u>José Quevedo</u>                                       |  | Matrix: _____<br>Preservation: _____<br>Sampling: _____ |  |

| Lab I.D.     | Sample I.D.          | (G)RAD (C)OMP. | # CONTAINERS | MATRIX      |            |      |     |        |         | DATE  | TIME   | ANALYSIS REQUEST |
|--------------|----------------------|----------------|--------------|-------------|------------|------|-----|--------|---------|-------|--------|------------------|
|              |                      |                |              | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : |       |        |                  |
| <u>A2483</u> | <u>1 SP10surface</u> |                | 1            |             |            |      |     |        |         | 10/14 | 8:33pm | CI               |
|              | <u>2 SP101'</u>      |                | 1            |             |            |      |     |        |         |       | 8:34pm | BTEX             |
|              | <u>3 SP102'</u>      |                | 1            |             |            |      |     |        |         |       | 9:34am | EXT TPH          |
|              | <u>4 SP20surface</u> |                | 1            |             |            |      |     |        |         |       | 9:36am |                  |
|              | <u>5 SP201'</u>      |                | 1            |             |            |      |     |        |         |       | 10:00  |                  |
|              | <u>6 SP30surface</u> |                | 1            |             |            |      |     |        |         |       | 10:02  |                  |
|              | <u>7 SP301'</u>      |                | 1            |             |            |      |     |        |         |       | 10:04  |                  |
|              | <u>8 SP302'</u>      |                | 1            |             |            |      |     |        |         |       | 10:06  |                  |
|              | <u>9 SP303'</u>      |                | 1            |             |            |      |     |        |         |       |        |                  |

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|                                      |                    |                                 |             |
|--------------------------------------|--------------------|---------------------------------|-------------|
| Relinquished By: <u>José Quevedo</u> | Date: <u>10/14</u> | Received By: <u>Bruce Baker</u> | Date: _____ |
| Relinquished By: _____               | Date: _____        | Received By: _____              | Date: _____ |

Delivered By: (Circle One)  UPS - Bus - Other: \_\_\_\_\_

Observed Temp. °C: 36 Corrected Temp. °C: 30

Sample Condition:  Cool  Intact  Yes  No

Checked By: YO

Turnaround Time: \_\_\_\_\_

Thermometer ID #113 Correction Factor: None

Standard  Rush  Bacteria (only)  Sample Condition  Cool  Intact  Yes  No

Corrected Temp. °C: \_\_\_\_\_

REMARKS: E-Mail Results

Verbal Result:  Yes  No Add'l Phone #: \_\_\_\_\_

All Results are emailed. Please provide Email address: \_\_\_\_\_

FOR LAB USE ONLY



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

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

**BILL TO**

**ANALYSIS REQUEST**

|                                     |  |
|-------------------------------------|--|
| Company Name: <i>Apache</i>         | P.O. #:                                  |
| Project Manager: <i>Bruce Baker</i> | Company:                                 |
| Address:                            | Attn:                                    |
| City: <i>Hobbs</i>                  | Address:                                 |
| State: <i>NM</i> Zip: <i>88240</i>  | City:                                    |
| Phone #:                            | State:                                   |
| Fax #:                              | Zip:                                     |
| Project #: _____                    | Project Owner:                           |
| Project Name:                       | Project Location: <i>MOEDR Trunkline</i> |
| Project Location:                   | Sampler Name: <i>Sos Rueschel</i>        |
| Project Name:                       | FOR LAB USE ONLY                         |
| Project Location:                   |  |
| Project Name:                       |  |

| Lab I.D.       | Sample I.D.         | (G)RAB OR (C)OMP.                   | # CONTAINERS | MATRIX      |            |      |     |        |         | PRESERV. | DATE         | TIME         | REMARKS   |
|----------------|---------------------|-------------------------------------|--------------|-------------|------------|------|-----|--------|---------|----------|--------------|--------------|-----------|
|                |                     |                                     |              | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : |          |              |              |           |
| <i>H224853</i> | <i>SP24 surface</i> | <input checked="" type="checkbox"/> | <i>1</i>     |             |            |      |     |        |         |          | <i>10/14</i> | <i>11:02</i> | <i>C1</i> |
|                | <i>SP24 @ 1'</i>    | <input checked="" type="checkbox"/> | <i>1</i>     |             |            |      |     |        |         |          |              | <i>11:04</i> | <i>1</i>  |
|                | <i>SP25 surface</i> | <input checked="" type="checkbox"/> | <i>1</i>     |             |            |      |     |        |         |          |              | <i>11:06</i> | <i>1</i>  |
|                | <i>SP50 1'</i>      | <input checked="" type="checkbox"/> | <i>1</i>     |             |            |      |     |        |         |          |              | <i>11:08</i> | <i>1</i>  |
|                | <i>MC1</i>          | <input checked="" type="checkbox"/> | <i>1</i>     |             |            |      |     |        |         |          |              | <i>12:48</i> | <i>1</i>  |
|                | <i>HC2</i>          | <input checked="" type="checkbox"/> | <i>1</i>     |             |            |      |     |        |         |          |              | <i>12:50</i> | <i>1</i>  |
|                | <i>HC3</i>          | <input checked="" type="checkbox"/> | <i>1</i>     |             |            |      |     |        |         |          |              | <i>12:52</i> | <i>1</i>  |
|                | <i>HC4</i>          | <input checked="" type="checkbox"/> | <i>1</i>     |             |            |      |     |        |         |          |              | <i>12:54</i> | <i>1</i>  |
|                | <i>HC5</i>          | <input checked="" type="checkbox"/> | <i>1</i>     |             |            |      |     |        |         |          |              | <i>12:54</i> | <i>1</i>  |

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|                                      |                    |  |
|--------------------------------------|--------------------|--|
| Relinquished By: <i>Sos Rueschel</i> | Date: <i>10/14</i> | Received By: <i>Bruce Baker</i>  |
| Relinquished By: _____               | Date: _____        | Received By: _____   |
| Delivered By: (Circle One)           | Observed Temp. °C  | Sample Condition   |
| Sampler - UPS - Bus - Other:         | Corrected Temp. °C | Cool Intact  |
|                                      | <i>36</i>          | <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
|                                      | <i>30</i>          | <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Checked By: _____                    | Checked By: _____  | Checked By: _____  |

REMARKS: *2-Mail Results*

Turnaround Time: \_\_\_\_\_

Thermometer ID #113 \_\_\_\_\_

Correction Factor None \_\_\_\_\_

Verbal Result:  Yes  No  Add'l Phone #:

All Results are emailed. Please provide Email address: \_\_\_\_\_

Bacteria (only) Sample Condition

Cool Intact  Yes  No

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

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

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

CONDITIONS

Action 166838

**CONDITIONS**

|   |   |
|---|---|
| Operator:<br>APACHE CORPORATION<br>303 Veterans Airpark Ln<br>Midland, TX 79705 | OGRID:<br>873   |
|   | Action Number:<br>166838                                  |
|   | Action Type:<br>[C-141] Release Corrective Action (C-141) |

**CONDITIONS**

| Created By | Condition  | Condition Date |
|------------|--|----------------|
| jnobui     | Remediation Plan Approved with Conditions. Variance approved for confirmation soil sample collection at 400 ft2. | 1/11/2023      |